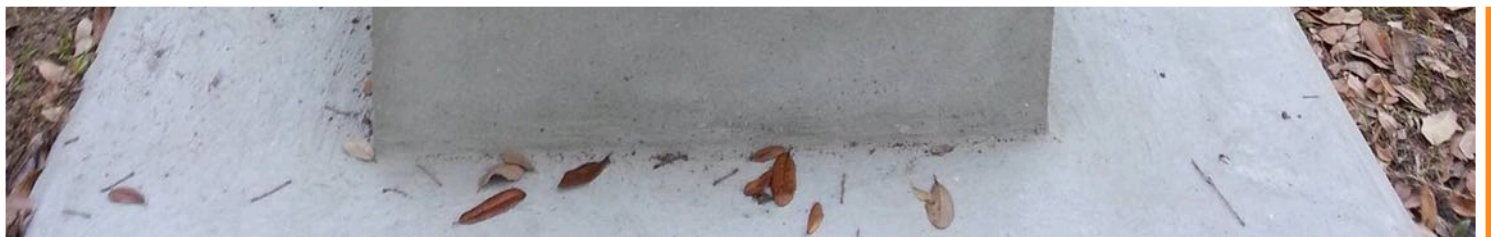




Tau Beta Pi Florida Alpha
University of Florida
Annual Report 2016-2017



Fellow Tau Bates,

On behalf of the Florida Alpha chapter, we are pleased to present to you our 2016-2017 Annual Report. We hope that this report gives you a glimpse into the enormous growth and improvement our chapter has witnessed over this last year. Due to our extraordinary outreach efforts, our chapter has adopted one elementary school and one charter school and committed to host at least 4 GatorTRAX (K-12 MindSET) sessions per year per school! We are also thrilled to have elected four new advisors, accounting for a total of eight advisors for the 2017-2018 year!

Member involvement dramatically increased from recent years, likely as a result of dedicating a portion of the Tau Beta Pi Scholarship for Florida Alpha to a scholarship for active members. Chapter **members and electees contributed over 3,034 hours towards our projects**, an increase of 244 hours from 2015-2016! In addition, **a total of 76 new members were initiated!** We are immensely proud that our chapter was able to send 2 delegates (1 voting and 1 non-voting) to the National Convention in San Diego, CA and 12 delegates to the District 5 Conference in Atlanta, GA!

The success of our chapter is the direct result of the **34 members that served in officer positions**. These officers helped organize **108 chapter projects**, including many great community service projects such as volunteering at Two Tails Elephant Ranch, helping remodel an elementary school (Project Makeover), and regularly cleaning up a local road through the Adopt-a-Street Program—not to mention our outstanding K-12 outreach through our engaging GatorTRAX program.

The major focuses for this year were to increase continuity and quality of the officer team while also increasing member involvement and the number of graduate student candidates initiated. **Our officer team is more cohesive than ever before! It is safe to say that all officers, with no exception, became close friends to their fellow officers.** Our social development drastically increased, and our efforts to bring people together in fun social events paid off! We were also able to increase the number of projects from last year while also maintaining the same quality in all of our endeavors.

Florida Alpha is honored that the Benton Engineering Council has recognized our successful year by awarding our Tau Beta Pi chapter as the Most Outstanding Medium Society in UF's Herbert Wertheim College of Engineering! With over 55 engineering student organizations on campus, we are excited to have received this prestigious award!

Our chapter is immensely grateful for the dedication of our officers, advisors and members. All of these individuals were vital towards helping our chapter achieve its goals. It is clear that Florida Alpha has much to look forward to in the upcoming years!

Sincerely,



Felipe Lenz Carvalho
President



Michael Shang
Vice President

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Chapter Survey

Chapter: Florida Alpha

Date Submitted to Headquarters: 04/28/2017

Survey Date: 04/18/2017

1. How does your chapter secure class rankings?

- President requests from registrar
- Advisor requests from registrar
- Registrar may not release information due to privacy laws
- School does not rank students

2. What is your chapter's total initiation fee (including national fee of \$39.00)?

Students 100.00

Alumni 45.00

Eminent Engineers 45.00

3. a) How do you notify candidates of their eligibility? (Choose **ALL** that apply)

- Letter
- Email
- Printed invitation
- Personally
- Facebook or other social networks
- University Listserve
- Other

Other description: N/A

b) Have you ever tried to personally contact candidates? Yes No

If No, why not? Our list contains 800+ candidates each semester. It would be nearly impossible to contact them personally. We encourage officers to personally invite eligible students they know, but we do not mandate it.

c) Does your chapter obtain street address information for candidates?

- No
- Yes
- Street
- Email

4. a) How do you notify electees (Choose **ALL** that apply)

- Letter
- Email
- Printed invitation
- Personally

Other description: N/A

b) Have you ever tried to personally contact candidates? Yes No

If No, why not? Election is halfway in the semester so students have completed some requirements. At this point, all electees are sure they want to join, personally contacting them wouldn't add a major benefit, and would add extra burden to officers.

5. Do you require project work...
to become a member? Yes No
If Yes, how many hours? 6
- to remain as an active member? Yes No
If Yes, how many hours? 4
6. Did your chapter send a letter to candidates/electees/parents from your dean?
Yes No If Yes, what was the reaction? If No, why not? A few candidates joined because their parents contacted them about the letter. For the most part, candidates join because of the emailed invitation.
7. Did your chapter use the invitations available from Headquarters? Yes No
If Yes, what was the reaction? If No, why not? We have an extremely large eligibility list of over 800+ candidates each semester.
8. Was your chapter able to initiate "one more" electee than the previous year?
Yes No If Yes, what was the reaction? If No, why not? We had the largest spring class in years (20 initiates in the spring, 56 in fall). We initiated 6 less candidates than last year, but the reason for this is unknown. There was an unusually high number of candidates initiated in the 2015-2016 year.
9. Do you talk to freshman/sophomore engineering students? Yes No
If No, why not? N/A
10. How many meetings did your chapter have this year?
Advisory Board: 2 Initiation: 2 Business: 23 Social: 38
11. How many chapter members attend meetings on the average?
Advisory Board: 3 Initiation: 12 Business: 45 Social: 10
12. What action does your chapter take against a member for non-attendance?
 Fined Reprimand Declare Inactive Nothing
13. a) How many advisors does your chapter have? 7
- b) How many are active? 7
- c) How informed are your advisors concerning your chapter's condition and activities? Well
Moderately Poorly
14. If someone on your campus was asked if they knew what Tau Beta Pi is, what would the answer most likely be? Yes No
15. How well do members of your community know about Tau Beta Pi?

Very Somewhat Slightly Not at all

16. Are projects and programs of your chapter given publicity? Yes No

17. Are new initiates given public recognition? Yes No

If No, why not? We've been dealing with FERPA regulations. Hopefully will be able to give new initiates public recognition in future semesters.

18. Does your chapter upload images from your activities? Yes No

If yes, provide the URL (Facebook, Flickr, Website, etc.) <https://www.facebook.com/uftbp/?fref=ts>,
instagram: @uftbp.

19. Do retiring officers communicate duties and responsibilities to their successors? Yes

No

20. Is there an active Tau Beta Pi alumni chapter in your vicinity? Yes No

If so, do the two chapters cooperate? N/A

21. Do you communicate with your chapter alumni? Yes No

If so, do you invite local alumni, including faculty, to special chapter functions? Yes No

22. a) Would you participate in a monthly TBP mentor program? Yes No

b) How would you prefer to meet with your mentor?

Phone In person LinkedIn
 Email An App Other: skype

23. Does your chapter have a current and functioning website? Yes No

If yes, what is the URL? www.uftbp.com

24. Do you read the quarterly publication of *The Bulletin* on the website? Yes No

25. a) Did your chapter participate in any of the following programs? (Choose **ALL** that apply)

Engineering Futures G.I.G. Laureate District
 Outstanding Advisor Distinguished Alumnus K-12 MindSET
 McDonald Mentor Tutoring/other K-12 activities

b) To what extent in the Districts/Engineering Futures Programs? (Choose **ALL** that apply)

Attended District conference Invited Director to initiation
 Hosted EF session Attended EF session elsewhere
 Communicated with District Dir.

26. How many projects did your chapter conduct this year? 108

27. Do you read the monthly eNotes? Yes No

In No, why not? N/A

28. Did your chapter celebrate Pi Day? Yes No

If Yes, What activity did you do? Third annual Pi Day 5k, which was well attended.

How can Pi Day be improved for next year? More advertising.

29. Did a district director visit your chapter this year? Yes No

If Yes, who? Josuan Hilerio-Sanchez.

Comments about District Director and/or District Program? Very knowledgeable and helpful!

30. What Tau Beta Pi member benefits did your chapter members enjoy? Fellowship and scholarship program, insurance, The Bent, Engineering Futures workshops, community experience, professional development (specifically our Corporate Dinner), and TBP merchandise (such as t-shirts).

31. What new member benefits would you like to have as a member? While the networking opportunities within TBP are great, it would be great to see industry jobs and graduate opportunities advertised in a more accessible way (i.e. online job board that requires membership to access).

32. Name of person submitting survey? Felipe Lenz Carvalho

Officers

| | Fall 2016 | Spring 2017 |
|--|--|---------------------------------------|
| President | Felipe Lenz | Felipe Lenz |
| Vice President | Michael Shang | Michael Shang |
| Recording Secretary | Daniel Fuenmayor | Daniel Fuenmayor |
| Corresponding Secretary | Adam LeMay | Adam LeMay |
| Treasurer | Ryan Dargan | Ryan Dargan |
| Historian | Travis Satiritz | Travis Satiritz |
| Vice Presidents of Electees | Benjamin Schwaller Michael Everette | Jessica Matthews Nathan Miller |
| Graduate Coordinator | Shannon Brown | Shannon Brown |
| Service Coordinators | Travis Satiritz Sebastian Sayavedra | Travis Satiritz Ankit Patel |
| Social Coordinators | Anderson Sheets Chad Spreadbury | Anderson Sheets Felicia Sedwick |
| Communications Chair | Catherine Miney | Leah Carol |
| Webmaster | Surya Dhulipala | Trevor Garlinghouse |
| GatorTRAX Chairs | Maddie Sciuлло Colton Weimerskirch | Maddie Sciuлло Colton Weimerskirch |
| SECME Coordinator | Unfilled | Unfilled |
| TEE Chair | Kenneth McIntyre | Royce Reyes |
| Member Coordinator | Ryan St. Pierre | Brianna Malcom |
| Alumni Coordinator | Catherine Miney | Catherine Miney |
| Corporate Relations Chair | Troy Heinzmann | Chad Spreadbury |
| BEC & E-Week Representative | Adam LeMay | Douglas Steinbach |
| Clock Tower Coordinator | Thomas Scruggs | Adam LeMay |
| Initiation Coordinator | Fidel Esquivel | Thomas Scruggs |
| Banquet/Awards Coordinator | Anderson Sheets | Razvan Vesa |
| FE Review Coordinator | Maggie Fettis | Justin Cohen |
| Tau Beta Pi Day Coordinator | Ryan Dargan | Frederick Hodgins Ryan Dargan |

Inducted Members

Fall 2016

| | | | |
|-------------------|---------------------|------------------|-------------------|
| Yanfang Ao | Reagan Fuhr | Jia Leong | Royce Reyes |
| Samuel Armington | Trevor Garlinghouse | Miranda Lochner | Felicia Sedwick |
| Daniel Barkley | Aaron Giles | Tobias Lodemann | Kevin Shan |
| Kevin Barta | Carlos Gonzalez | Brianna Malcolm | Sydney Shivers |
| Daniel Beach | Max Greene | Parker Mcbryde | Lance Smith |
| Joshua Benjamin | John Gregory | Nathan Miller | Brian Sokol |
| Haley Bross | Leah Hines | Katrina Milliser | Douglas Steinbach |
| Gabriela Buraglia | Frederick Hodgins | Anna Montgomery | Thomas Truchement |
| Sheila Capote | Apoorv Jain | Miguel Morales | Natalie Vaughn |
| Leah Carol | Amanda Johnson | Dominick Mulder | Nicholas Verrire |
| Justin Cohen | Emma Johnson | Lauren Northrup | Razvan Vesa |
| Kathleen Dreyer | Henry Judson | Ankit Patel | Kyle Vu |
| Wisam Fares | Chaitanya Kolluru | Glendon Plumton | Ryan Wicks |
| Jorge Figueras | Erin Kolman | Harry Reid | Lin Yuan |

Spring 2017

| | | | |
|-------------------|-------------------|-------------------|------------------|
| Jacob Amontree | Brian Habing | Alexander Leven | Marcus Spanolios |
| Matthew Capriotti | Charles Hernandez | Lauren Medlin | Derya Tansel |
| Liam Carroll | Shreedevi Kumar | Jake Pistiner | Zachary Tveraas |
| Yantong Chen | Brian Kusnick | Leslie Richardson | Austin Vera |
| Parker Evora | David Leonard | Kaileigh Rock | Michael Woc |

Membership Timeline Summary

| Name | Fall/Spring Hours | Name | Fall/Spring Hours |
|-----------------------|-------------------|-------------------|-------------------|
| Aaron Giles | 18/0 | Douglas Steinbach | 20/26 |
| Adam LeMay | 21/21 | Emily Ferradaz | 6/6 |
| Adriana Henao | 2/6 | Emma Johnson | 17/12 |
| Akshita Dutta | 2/0 | Erin Kolman | 16/4 |
| Alyssa Egnew | 14/14 | Felicia Sedwick | 17/54.5 |
| Amanda Johnson | 14/12 | Felipe Lenz | 37/48 |
| Anderson Sheets | 34/39.5 | Fidel Esquivel | 24/0 |
| Ankit Patel | 17.5/15 | Frederick Hodgkin | 17/36 |
| Anna Montgomery | 14/8 | Gabriela Buraglia | 13/6 |
| Apoorv Jain | 22/2 | Gabrielle Paredes | 2/6 |
| Benjamin Schwaller | 29/0 | Glendon Plumton | 16/6 |
| Blake Kidwell | 2/0 | Gregory Wolfe | 2/0 |
| Brian Sokol | 15/10 | Haley Bross | 17/10 |
| Brianna Malcolm | 14/23 | Harry Reid | 14/10 |
| Brianna Posadas | 4/0 | Henry Judson | 15/0 |
| Carla Guidi Azarola | 6/16 | Islam Badreldin | 2/4 |
| Carlos Gonzalez | 18/6 | Jacob Montgomery | 16/8 |
| Carlos Murillo | 4/0 | Jacob Morrison | 2/0 |
| Catherine Miney | 20/32 | Jason Traub | 2/0 |
| Cesar Santoyo | 4/0 | Jennifer Yoder | 16/0 |
| Chad Spreadbury | 38.4/28 | Jessica Matthews | 0/50 |
| Chandler Griffin | 2/0 | Jia Leong | 13/16 |
| Christopher Greulich | 2/0 | John Barta | 14/26 |
| Colton Weimerskirch | 40/32 | John Gregory | 12/0 |
| Cristian Cocconecelli | 6/0 | John Leong | 10/16 |
| Dana Lobmeyer | 6/4 | Jorge Figueras | 14/12 |
| Daniel Barkley | 18/18 | Joseph Shafer | 4/0 |
| Daniel Beach | 14.5/6 | Josh Wagner | 16/2 |
| Daniel Fuenmayor | 25/27 | Joshua Benjamin | 17.5/12 |
| David Camero | 4/0 | Julian Rey | 8/2 |
| Deanna Bousalis | 2/0 | Justin Cohen | 21/32 |
| Derya Tansel | 10.5/1 | Kaitlynn Olczak | 2/0 |
| Dominick Mulder | 19/14 | Kasandra Gilley | 4/8 |

| Name | Fall/Spring Hours | Name | Fall/Spring Hours |
|---------------------|--------------------------|---------------------|--------------------------|
| Kasandra Gilley | 4/8 | Nicholas Verrire | 13/0 |
| Kathleen Dreyer | 14/2 | Nikita Goldfarb | 8/0 |
| Katrina Milliser | 13/0 | Nikolai Dosev | 8/0 |
| Kenneth McIntyre | 40/0 | Parker McBryde | 17/6 |
| Kevin Barta | 16/4 | Rachel Abbott | 2/0 |
| Kevin Shan | 13/0 | Raul Pedroso | 2/0 |
| Kyle Vu | 13/2 | Razvan Vesa | 20/28.5 |
| Lance Smith | 14.5/2 | Reagan Fuhr | 13/8 |
| Lauren Northrup | 16/10 | Royce Reyes | 24/35 |
| Leah Carol | 20/26 | Ryan Blanchard | 4/0 |
| Leah Hines | 14/10 | Ryan Dargan | 20/30 |
| Lin Yuan | 18/4 | Ryan Nordman | 4/0 |
| Maddie Sciuлло | 22/52 | Ryan Scheinkman | 0/4 |
| Maddy Fuchs | 12/8 | Ryan St. Pierre | 16.5/8 |
| Madeleine Monfort | 8/10 | Ryan Wicks | 12/0 |
| Maggie Fettis | 19/8 | Sam Thomas | 2/0 |
| Marina Wiatt | 2/0 | Samuel Armington | 12/6 |
| Mark McNeely | 6/14 | Sandor Valenciaga | 8/2 |
| Mary Regan | 6/0 | Scott Fenton | 10/2 |
| Matthew Harwood | 4/2 | Sebastian Sayavedra | 17/0 |
| Max Greene | 14/12 | Shaheen Farhadi | 2/0 |
| Michael Everette | 22/0 | Shannon Brown | 25/33 |
| Michael Hallenstein | 4/10 | Shantanu Singh | 2/0 |
| Michael Lindsey | 2/0 | Sheila Capote | 11/0 |
| Michael Orlando | 4/0 | Surya Dhulipala | 17/10 |
| Michael Shang | 32/36 | Sydney Shivers | 14.5/6 |
| Miguel Morales | 14/0 | Sylvie Hyman | 8/0 |
| Miranda Lochner | 13/4 | Tanner Thornton | 2/0 |
| Morgan Leger | 2/0 | Thomas Linehan | 2/0 |
| Natalie Vaughn | 13/0 | Thomas Scruggs | 20.5/26 |
| Nathan Miller | 18/30 | Thomas Truchement | 24/8 |
| Nicholas Cioli | 2/0 | Tobias Lodemann | 15/10 |
| Nicholas Kroft | 2/0 | Travis Satiritz | 22/41 |

| Name | Fall/Spring Hours | Name | Fall/Spring Hours |
|---------------------------------|--------------------------|-----------------|--------------------------|
| Trevor Garlinghouse | 14/40 | William Wilkins | 2/0 |
| Troy Heinzmann | 20/2 | Wisam Fares | 6/0 |
| Troy Sandler | 2/0 | Wyatt Lindquist | 2/0 |
| Tyler Noel | 2/0 | Yanfang Ao | 13/0 |
| Venkata Surya Chaitanya Kolluru | 14/2 | | |

Total hours:

Fall: 1,704.5

Spring: 1,329.5

Chapter Operations

Fall 2016

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 1

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Fall Advisory Board Meeting

Date(s) of Project: 01/05/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 4

Electees: 0

Average number of hours per person spent on this project

Organizing: 1

Participating: 1

I. General Description:

The Advisory Board Meeting is held during the first week of the semester to discuss chapter goals and upcoming events. The Board consists of the President, Vice President, Corresponding Secretary, and alumnus advisors.

II. Purpose & Relationship to Objectives of TBP:

The purpose of the Advisory Board Meeting is to keep the advisors informed of chapter activities, as well brainstorm ideas for improvement for the upcoming year. We invited our Treasurer to attend the meeting since he was selected to go to National Convention with the President to represent our chapter.

III. Organization & Administration: (in conjunction with another group? Yes No)

The President organized the meeting by emailing all Advisory Board members. The President reserved the MAE-B 210 conference room through the MAE Department (<http://www.mae.ufl.edu/myMAE/RoomReservations>). This room is available at no cost to the chapter. The meeting took place at 7:30 AM to accommodate everyone's schedules. The distance advisor participated in the meeting via Skype.

IV. Cost & Personnel Requirements:

All Advisory Board members were required to attend. There was no cost associated with the meeting.

V. Special Problems:

Two advisors were unable to attend. However, they were updated via emails from the President.

VI. Over-all Evaluation/Results (Be Specific):

The meeting was a success. Advisors approved the changes to the budget and bylaws and were informed about important upcoming dates. There were also some exciting ideas proposed for the remainder of the year.

VII. Index of Exhibits:

Members in Attendance: Felipe Lenz, Michael Shang, Adam LeMay, Ryan Dargan

Advisors in Attendance: Meghan Ferrall, Mike Griffis, Curtis Taylor

Agenda:

- I. Welcome back!**
- II. Introductions**
 - a. Advisors
 - b. Executive Board
 - c. Overview of elected officers
- III. Last Year's statistics**
 - a. 2,800+ hours towards our projects
 - b. 84 new members were initiated
 - c. 100 chapter projects
 - d. Most Outstanding Medium Society (BEC award)
- IV. Awards**
 - a. Felipe was selected as one of the 2016-2017 TBP fellows!
 - b. Kiersten Wang was selected as one of the 2016-2017 TBP Laureates!
- V. Budget Overview**
 - a. Meetings, social, service (same as last year's)
 - b. TBP National Convention
 - i. We are sending two FL-A delegates (Felipe and Ryan)
 1. HQ covered 100% of Felipe's trip and 20% of Ryan's airfare—remaining balance will be charged to our Accenture account
 2. Kiersten Wang (former FL-A officer) will attend the Convention as well (HQ covered 100% of her trip)
- VI. Corporate Dinner: September 27, 7 pm, Emerson Alumni Hall**
 - a. Two sponsors already confirmed: **Intel** (bronze level \$200) and **CH2M** (silver level \$400)
- VII. Candidate letter**
- VIII. Need to appoint a BEC rep**
- IX. Officer Retreat: Ropes Course at Lake Wauburg October 15, 10 am**
- X. Graduate student 5-10 talk at the end of all meetings**
- XI. GatorTRAX**
 - a. Sessions will be held with other student organizations!
 - i. Society for Biomaterial (SFB) – October 1
 - ii. Association of Computer Engineers (ACE) – November 5

iii. American Society of Civil Engineers (ASCE) – TBD

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 2

New

Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Fall Officer Meeting #1

Date(s) of Project: 08/30/2016

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 19

Electees: 0

Average number of hours per person spent on this project

Organizing: 1

Participating: 1

I. General Description:

First officer meeting of the semester, only officers attended. Each officer introduced themselves (Name, Major, Year, Officer Position(s), Fun thing you did this summer); Adam LeMay was elected as the new BEC Representative; Each officer was informed of his/her budget for the semester; The President informed the officers of the Expectations/Guidelines/Project Reports/Electee Requirements/Upcoming events; Officer Retreat was announced; Shannon Brown volunteered to organize the Graduate Students Mini-Talks (a newly developed project in our chapter); Catherine Miney volunteered to create a Newsletter to be sent to our Alumni following initiation; Officers filled a form reserving their officer polos; All officers helped stuffing the eligibility letters that will be mailed to the parents of the fall 2016 candidates.

II. Purpose & Relationship to Objectives of TBP:

The purpose was to establish a relationship with all Tau Beta Pi officers and state the goals of the organization, as well as announce all planned events and opportunities.

III. Organization & Administration: (in conjunction with another group? Yes No)

The president wrote the Agenda and created a Google Form to take attendance and receive individual feedback from each officer.

IV. Cost & Personnel Requirements:

The president wrote the Agenda and created a Google Form to take attendance.

V. Special Problems:

N/A.

VI. Over-all Evaluation/Results (Be Specific):

This was a successful meeting. Next Officer meeting will be hosted in October.

VII. Index of Exhibits:

Members in Attendance: Shannon Brown, Ryan Dargan, Surya Chandan Dhulipala, Fidel Esquivel, Michael Everette, Maggie Fettis, Troy Heinzmann, Adam LeMay, Felipe Lenz, Catherine Miney, Travis Satiritz, Sebastian Sayavedra, Benjamin Schwaller, Madeline Scullo, Thomas Scruggs, Michael Shang, Anderson Sheets, Chad Spreadbury, Ryan St. Pierre.

Electees in Attendance: N/A.

Agenda:

- I. **Welcome Back and Introductions**
 - a. Short officer election (BEC rep)
 - b. Name, Major, Year, Officer Position(s), Fun thing you did this summer
- II. **Budget Review**
 - a. The budget for my position, _____, is \$ _____
 - b. Email budget expenditures with receipts to Ryan D. within ONE WEEK of your event.
- III. **Office Hours**
 - a. Office hours begin Monday, September 12th
 - b. Please choose one period time slot per week
 - c. Info session: Please choose one info session to attend
- IV. **Officer Guidelines**
 - a. Attendance
 - i. **Your attendance is expected at EVERY meeting.** Please email me at least 24 prior with a valid reason if you cannot attend.
 - ii. You are expected to attend one social, service, and E-Futures event of your choice. PLEASE be as active as possible!
 - b. Office hours
 - i. Can't go to your office hour? Email the Communications Chair and Webmaster with the change. You are required to give at least 24-hours notice if at all possible!
 - c. Officer Updates
 - i. Short 40 minute meeting every other week.
 - ii. Poll: Should we host officer meeting right after our General Body Meetings (GBM) or do it in the weekends between GBM?
 - d. "This Week in Tau Beta Pi" – Submit your events to Recording Secretary for the week by the Sunday before at 2pm.
 - e. List Serve Emails and short website tutorial (uftbp.com officer FAQ)

- f. Emails and Email Forwarding
 - i. Please respond to TBP related emails within **24 hours**.
- g. Communications Chair shall send a reminder on the day of GBMs.
- V. **Officer Retreat**
 - a. Lake Wauburg Ropes Course
 - b. September 11th 10am-4pm (low and high courses, publix subs for lunch)
- VI. **Project Reports**
 - a. Project Reports and typed attendance sheets are due within **ONE WEEK** of your event. Please TAKE PICTURES at your event!
 - b. Show where to upload project report
 - c. All project reports must include a picture
 - i. Anderson and Chad's Project Report example
 - d. Project reports will be graded and will used to award best officer
- VII. **Electee Requirements**
 - a. Candidate vs. Electee, Paperwork: Application, Interview Form, Interview, and Graduate Form, 6 hours of serve (One GatorTRAX session for 3 of those hours), 1 social, 3 out of 4 meetings (Not required to attend Meeting 3), Electee-Only Social, Catalog Card: National Copy, \$ 100 Dues
 - b. Best Electee: Additional Social, E-Futures, 3 extra service hours
- VIII. **Graduate Student 5 minutes talk after all GBMs**
 - a. Shannon? Michael? Thomas? Should we invite non-TBP members?
- IX. **Newsletter for Alumni**
 - a. Format, frequency, quick brainstorm
- X. **Officer Polos will be in by next week**
 - a. \$20/officer, paid to Ryan.
- XI. **Upcoming Dates/Events**
 - a. Member Meeting: Tuesday, Sept. 6, 7:30pm
 - b. Officer Retreat: Sunday, Sept. 11, 10:00am
 - c. Information Sessions: Tuesday, Sept. 13, 12:50pm & 7:30pm
 - d. Meeting #1 Tuesday, Sept. 20, 7:30pm
 - e. GatorTRAX #1: Saturday, Sept. 24, 9:00am
 - f. Corporate Dinner: Tuesday, Sept. 27, 7:00pm
 - g. Banquet and Initiation: Friday, Nov. 18
 - h. **Master List of Dates:** Hosted Google Documents, displayed on website. Update with new events, times and locations!
- XII. **Letter Stuffing**
- XIII. **Open Discussion/Officer headshots**

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 3

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Fall Member Meeting

Date(s) of Project: 9/6/2016

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 54

Electees: 0

Average number of hours per person spent on this project

Organizing: 1

Participating: 2

I. General Description:

A preliminary general body meeting for active members only, no invited candidates were present.

II. Purpose & Relationship to Objectives of TBP:

The purpose of this was to acquaint the current members of Tau Beta Pi with their newly elected officers. The requirements for active membership were reviewed, as were the benefits. Any planned events were announced at this meeting.

III. Organization & Administration: (in conjunction with another group? Yes No)

The session was set up by the officers of Tau Beta Pi,

IV. Cost & Personnel Requirements:

\$100 for pizza.

V. Special Problems:

None to report.

VI. Over-all Evaluation/Results (Be Specific):

The member meeting went by very smoothly, aside from late pizza arrival.

VII. Index of Exhibits:

Members in Attendance: Islam Badreldin, John Barta, Shannon Brown, Cristian Cocconcelli, Ryan Dargan, Surya Chandan Dhulipala, Nikolai Dosev, Alyssa Egnew, Fidel Esquivel, Michael Everette, Shaheen Farhadi, Scott Fenton, Emily Ferradaz, Maggie Fettis, Maddy Fuchs, Daniel Fuenmayor, Kasandra Gilley, Nikita Goldfarb, Carla Guidi Azarola, Michael Hallenstein, Matthew Harwood, Troy Heinzmann, Adriana Henao, Adam LeMay, Felipe Lenz, Michael Lindsey, Thomas Linehan, Dana

Lobmeyer, Kenneth McIntyre, Catherine Miney, Madeleine Monfort, Jacob Montgomery, Kaitlynn Olczak, Gabrielle Paredes, Mary Regan, Julian Rey, Troy Sandler, Cesar Santoyo, Travis Satiritz, Sebastian Sayavedra, Benjamin Schwaller, Maddie Scullo, Thomas Scruggs, Michael Shang, Anderson Sheets, Chad Spreadbury, Ryan St. Pierre, Sam Thomas, Tanner Thornton, Jason Traub, Sandor Valenciaga, Josh Wagner, Colton Weimerkirsch, Marina Wiatt, Jennifer Yoder.

Electees in Attendance: N/A.

Agenda:

- I. **Officer Introductions**
- II. **Review of Active Membership Requirements/Benefits**
 - a. Requirements include:
 - i. Attendance of Member Meeting, Candidate Election (Meeting 3), Officer Elections
 - ii. Attendance of at least one other non-meeting event (social, service, etc.)
 - b. Benefits include: FE Review Discounts, networking opportunities (e.g. Corporate Dinner, Best People Engineering Job Board, AlumNet), scholarships (Laureate Program, Fellowships), and (an inexpensive) graduation stole!
- III. **Candidate Requirements**
 - a. Attend 3 out of 4 general body meetings
 - b. Attend at least one social
 - c. Complete 6 hours minimum of community service with Tau Beta Pi (3 of those hours must be GatorTRAX)
 - d. Complete formal interview
 - e. Attend Electee Only social
 - f. Pay one-time \$100 dues by Meeting 4
 - g. Attend initiation
 - h. Submit Graduate Student Paperwork (for grad students only)
- IV. **Tau Beta Pi National Convention**
 - a. Recruiting Fair to be held on Friday, October 6th, in San Diego, California.
 - b. Send in your resumes in MS Word format to tpbflalpha@gmail.com by **Wednesday, September 7th at 7 PM**
 - c. File name should be formatted as "FirstName LastName.doc or .docx"
- V. **Ropes Course at Lake Wauburg this Saturday at 10 am**
 - a. **MUST RSVP by Thursday, September 8th at 5pm:**
<https://goo.gl/forms/NbONufiXyN4LXePa2>
- VI. **Future Events**
 - a. Corporate Dinner: Tuesday, September 27th at 7 PM in Emerson Alumni Hall
 - i. Accenture, Intel, and CH2M already confirmed!
 - ii. Cost: \$5 for active members, \$10 for inactive members and candidates, and \$15 for non-members.
 - b. **Info Sessions**

i. Please show up to encourage new candidates to join our chapter!

ii. Info session #1: Tuesday, Sep 13th at 12:50 PM in TBD

iii. Info session #2: Tuesday, Sep 13th at 7:20 PM in LIT 109

VII. Deloitte info session: Monday Sep 12th at 5:30 PM in CRC

VIII. Lockheed Martin info session: during Meeting #1

IX. Next Meeting: Meeting #1 - Tuesday, Sep 20th at 7:20 PM in LIT 101

Master list of dates: <http://uftbp.com/page.php?p=calendar>

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 4

New

Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Fall Information Sessions

Date(s) of Project: 9/13/2016

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 17

Electees: 62

Average number of hours per person spent on this project

Organizing: 1

Participating: 2.5

I. General Description:

This was a set of two meetings, one in the morning and one in the evening, to welcome and congratulate all prospective candidates who were eligible to join Tau Beta Pi.

II. Purpose & Relationship to Objectives of TBP:

The general purpose of this event was to give all eligible candidates an overview of what Tau Beta Pi is, illustrate why they were eligible, and explain all the benefits and opportunities that arise from being involved in the Florida Alpha Chapter. Both the morning and evening sessions were carried out in the same fashion.

III. Organization & Administration: (in conjunction with another group? Yes No)

Meeting was conducted as all member meetings are. We held one afternoon session (from 12:50 PM to 1:40 PM) and one evening session (from 7:20 PM to 8:10 PM) to accommodate candidates' schedules. The President edited the slides, the Vice President scheduled the rooms, the VPs of Electees edited the candidate handbook and sent it to the president to be printed, the recording secretary was responsible for taking attendance.

IV. Cost & Personnel Requirements:

\$170 for pizza (divided between the two sessions), \$20 for candidate handbooks (printed). Officers and members were asked to attend in order to help run the meeting and provide personal experiences with their membership to the candidates.

V. Special Problems:

None to report.

VI. Over-all Evaluation/Results (Be Specific):

Both events ran smoothly, and members and officers were available for both the morning and evening sessions. 62 candidates showed up to the meetings, which is what we expect for a fall initiation class.

VII. Index of Exhibits:

Members in Attendance:

Afternoon session: Glenda Diaz, Michael Everette, Douglas Gelineau, Adam LeMay, Felipe Lenz Ryan St Pierre, Josh Wagner.

Evening session: Shannon Brown, Surya Chandan Dhulipala, Fidel Esquivel, Daniel Fuenmayor, Felipe Lenz, Kenneth McIntyre, Catherine Miney, Travis Satiritz, Sebastian Sayavedra, Benjamin Schwaller, Michael Shang, Chad Spreadbury, Colton Weimerskirch.

Electees in Attendance:

Afternoon session: Lauren Bahng, Kevin Barta, Anthony Codella, Brian Cortes, Sean Dobbs, Wisam Fares, Tobias Lodemann, Parker McBryde, Eric McGhee, Anna Montgomery, Miguel Morales, Eduardo Moreno, Ryan Nordman, Hannah Schmidt, Sydney Shivers, Douglas Steinbach, Justin Tongol, Lin Yuan.

Evening session: Samuel Armington, Daniel Barkley, Daniel Beach, Joshua Benjamin, Ryan Blanchard, Gabriela Buraglia, Wei Da, Kathleen Dreyer, Brandon Escalante, Jorge Figueras, Blake Fricker, Reagan Fuhr, Trevor Garlinghouse, Aaron Giles, Samantha Godskind, Carlos Gonzalez, Max Greene, Christopher Greulich, Jerome Hall, Leah Hines, Sylvie Hyman, Apoorv Jain, Emma Johnson, Henry Judson, Venkata Surya, Chaitanya Kolluru, Erin Kolman, Brian Kusnick, Morgan Leger, Miranda Lochner, Dhruv Mahajan, Brianna Malcolm, Nathan Miller, Katrina Milliser, Reid Mollway, Dominick Mulder, Shruthi Parthasarathy, Glendon Plumton, Royce Reyes, Lirun Ronen, Felicia Sedwick, Kristin Smith, Brian Sokol, Kyle Vaughn, Natalie Vaughn, Nicholas Verrire, Razvan Vesa, Kyle Vu, Ruizhi Wang, William Wilkins, Keke Zhai.

Advisors in Attendance:

Afternoon session: Dr. Mike Griffis

Evening session: Dr. Mike Griffis

Slides:

Tau Beta Pi
Florida Alpha
The Engineering Honor Society

131 Years of Engineering Excellence

Dr. Griffis

Purpose

- Honor Engineering Students
 - Scholarship
 - Character
- Become involved in the local community
- Develop engineers
- Promote professional ethics

Class of Fall 2015

W. Kent Fuchs, NY D 1977

Linus Pauling, OR A 1922

Scholarship

- Continue to pursue real knowledge
- Uphold standards of excellence
- Set example

Tutoring for Engineering Excellence

Lee Isaacson, PA A 1945

Ray Deiby, CA G 1987

Character

- Honorable and considerate attitude
- Personal integrity
- Optimal solutions considering:
 - human impact
 - ethical factors

Roger Adams, MA B 1962

Judith Rowch, PA G 1976

History

- Founding
 - Edward H. Williams, Jr.
 - Lehigh University (1885)
- Chapters
 - 245 Collegiate
 - 40 Alumni

Jeff Brown, NJ D 1988

Leon Gardner, NJ A 1937

Organization

- Headquarters
- Executive Council
- 16 Districts

2014 District 5 Conference

Frank White, OK A 1939

Programs

- Engineering Futures
- GatorTRAX
- TEE
- Corporate Dinner
- FE Reviews
- Chapter Awards
 - RC Matthews
 - Project Award

Frank Copps, CA B 1973

GatorTRAX

- Work with children from K - 12
- Create projects together
- Fun for EVERYONE

Important Saturdays:
Sep 24
Oct 1
Oct 22
Nov 5

Contact: gatortrax@gmail.com

TEE

Tutoring for Engineering Excellence

Classes Offered:

- Calculus
- Physics
- Chemistry

Dates to Remember: TBA

Contact: Kenneth at k06.mcintyre@ufl.edu

Eligibility

- Juniors (top 1/8th)
 - Started Summer '14, Fall '14, or Spring '15
- Seniors (top 1/5th)
 - Start Spring 2014 or prior, transferred in or before Summer 2015
- Graduate Students (top 1/5th)
 - 7EG-9EG
 - 50% of Coursework and Research Completed
 - See Shannon Brown (shpgradstudent@gmail.com)

Best Officer & Best Best Fall 2014

Ernie Fletcher, KY A 1974

Electee Requirements

- Attend 3 of 4 general body meetings
 - Sep 20, Oct 4, Nov 1, Nov 15
 - Not required to attend Meeting 3
- Community Service (6 hours)
- Attend one social
- Graduate Qual. Form - due Sep 28
- Informal Interview - Begin on Sept 2, due on Oct 17
- Attend Electee Only Social
- Pay dues - \$100 (one-time fee, due Meeting 4)
- Initiation
- Attendance is mandatory
 - November 16, 6:00pm

Mini Golf Social

Comedy Afterparty, FL A 2015

Fee Allocation

| National Fees | |
|---|-----------------|
| Membership Key | \$7.50 |
| Membership Certificate | \$3.00 |
| Constitutions, Initiative Booklet, and the Bulletin | \$3.00 |
| Four year BENT Subscriptions | \$0.60 |
| Expenses of Society | \$0.95 |
| National Convention Assessment | \$7.00 |
| Total National Fees | \$32.00 |
| Local Fees | |
| Information Session | \$3.75 |
| Factor Process (Includes one Sandbox Best) | \$6.70 |
| T-Shirt | \$3.00 |
| Socials | \$14.75 |
| Initiation & Banquet (Dining & Room) | \$23.00 |
| Local Operating Expenses | \$10.00 |
| Total Local Fees | \$61.00 |
| Total Fees | \$100.00 |

Spring 2016 Banquet

Michael Bloomberg, MD A 1964

Benefits

- Leadership Opportunities
 - Scholarships (\$20), Fellowships (\$300), Laureates (\$2.5k)
- Active Member Scholarships (\$250)
 - Best Electee
 - Best Best
 - Best Member
 - Best Officer
- Networking
- Discounts
 - Insurance (Golfco)
 - Test Preparation/Education (FE Exams)

Best Officer & Best Best Fall 2014

Ernie Fletcher, KY A 1974

Social Events

- Buzzes Course
- Beer Nights
- Breakfast Club
- Trip to the Springs
- Intramural Teams
- Football Games
- Gymnastics Meet

Service Events

- Habitat for Humanity
- Adopt-A-Street
- Relay for Life
- GatorTRAX
- E-Week

This Is Tau Beta Pi

- Honor
 - Scholarship
 - Character
- Uphold professional ethics
- Benefit members
- Questions?

Jerry Yang, CA G 1980

David Filis, LA B 1983

Master List of Dates

| Year | Month | Day | Event | Time | Location | Notes |
|------------|--------------|---|--------------------|----------------------------------|----------------------------|---------------------------|
| Tau | September 15 | Information Session #1 | 10:00 PM | SBF 108 | Offices, Conferences | |
| Tau | September 15 | Information Session #2 | 7:00 PM | LT 108 | Offices, Conferences | |
| Tau | September 20 | Meeting #1 | 7:00 PM | LT 108 | AA | |
| Tau | September 20 | Meet Social | 8:00 AM | Westside Athletic Bldg | AA | |
| Membership | September 24 | Open House #1 (2:00pm) | 8:00 AM | TBA | AA | |
| Tau | September 27 | 7:00 PM | 8:00 AM | Enron Athletic Bldg | AA | |
| Tau | September 27 | Graduate Paperwork Due | 8:00 PM | Enron (shpgradstudent@gmail.com) | Graduate Students | |
| Best | October 4 | Best Officer & Best Best | 8:00 AM | TBA | AA | |
| Tau | October 4 | Meeting #2 | 7:00 PM | LT 108 | AA | |
| Best | TBA | E-Funeral | 8:00 AM | TBA | AA | |
| Tau | October 14 | Member Candidate Social | 6:00PM - 8:00PM | TBA | AA | |
| Tau | October 14 | Meeting #3 (Candidate Social) | 7:00 PM | LT 108 | AA | Members and Officers Only |
| Best | October 20 | Open House #2 (3:00pm) | 8:00 AM | TBA | AA | |
| Best | November 1 | Open House #3 (3:00pm) | 8:00 AM | TBA | AA | |
| Tau | TBA | E-Funeral | 10:00 AM - 1:00 PM | TBA | AA | |
| Tau | November 15 | Meeting #4 (Information Session Social) | 7:00 PM | LT 108 | AA | |
| Tau | November 15 | Meeting #5 | 7:00 PM | LT 108 | AA | |
| ET | November 16 | Informal Interview | 8:00 PM | TBA | Offices, Informal | |
| ET | November 16 | Banquet | 8:00 PM | TBA | Registered members | |
| Tau | November 16 | Officer Election | 7:00 PM | LT 108 | AA | |
| Tau | December 1 | Officer Transition Meeting | 7:00 PM | LT 108 | Officer and Trust Officers | |

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 5

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Fall General Body Meeting # 1

Date(s) of Project: 9/20/2016

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 34

Electees: 65

Average number of hours per person spent on this project

Organizing: 1.5

Participating: 1

I. General Description:

This was the first official general body meeting of the Florida-Alpha chapter of Tau Beta Pi, where both active members and eligible candidates were in attendance.

II. Purpose & Relationship to Objectives of TBP:

This meeting served to kick off the semester and introduce the members and candidates to the new officers. The master list of dates was introduced, as were the requirements for active membership and electee status. Members and candidates were informed on social events, service events, and other opportunities offered by the chapter.

III. Organization & Administration: (in conjunction with another group? Yes No)

The meeting was run by the officers, as usual. The Recording Secretary created the agenda, which was sent to be printed at Target Copy. The President created the PowerPoint presentation and each officer was responsible for updating their own slides. The Recording Secretary created the sign in sheet.

IV. Cost & Personnel Requirements:

\$100 for pizza. \$10 for printing the Agendas (Black and White, double-sided and stapled).

V. Special Problems:

None to report.

VI. Over-all Evaluation/Results (Be Specific):

The meeting was successfully run. All officers were prepared for their presentations and the food arrived on time.

VII. Index of Exhibits:

Members in Attendance: Deanna Bousalis, Shannon Brown, Cristian Cocconcelli, Surya Chandan Dhulipala, Nikolai Dosev, Ryan Dragon, Fidel Esquivel, Michael Everette, Scott Fenton, Emily Ferradaz, Maddy Fuchs, Daniel Fuenmayor, Troy Heinzmann, Adam LeMay, Felipe Lenz, Kenneth McIntyre, Mark McNeely, Catherine Miney, Madeleine Monfort, Jacob Montgomery, Jacob Morrison, Carlos Murillo, Michael Orlando, Julian Rey, Sebastian Sayavedra, Benjamin Schwaller, Madeline Sciuillo, Thomas Scruggs, Michael Shang, Shantanu Singh, Chad Spreadbury, Ryan St. Pierre, Josh Wagner, Colton Weimerskirch, Gregory Wolfe, Jennifer Yoder.

Electees in Attendance: Rachel Abbott, Yanfang Ao, Samuel Armington, Daniel Barkley, Kevin Barta, Daniel Beach, Joshua Benjamin, Ryan Blanchard, Haley Bross, Gabriela Buraglia, David Camero, Sheila Capote, Leah Carol, Nicholas Cioli, Justin Cohen, Kathleen Dreyer, Akshita Dutta, Wisam Fares, Jorge Figueras, Reagan Fuhr, Trevor Garlinghouse, Aaron Giles, Carlos Gonzalez, Max Greene, John Gregory, Christopher Greulich, Chandler Griffin, Leah Hines, Sylvie Hyman, Apoorv Jain, Amanda Johnson, Emma Johnson, Henry Judson, Blake Kidwell, Venkata Surya Chaitanya Kolluru, Erin Kolman, Nicholas Kroft, Morgan Leger, John Leong, Wyatt Lindquist, Miranda Lochner, Tobias Lodemann, Parker McBryde, Nathan Miller, Katrina Milliser, Anna Montgomery, Miguel Morales, Tyler Noel, Ryan Nordman, Lauren Northrup, Raul Pedroso, Glendon Plumton, Harry Reid, Felicia Sedwick, Joseph Shafer, Kevin Shan, Sydney Shivers, Lance Smith, Brian Sokol, Douglas Steinbach, Thomas Truchement, Natalie Vaughn, Kyle Vu, Ryan Wicks, William Wilkins, Lin Yuan.

Agenda:

- I. **Officer Introductions**
- II. **Last Week In Tau Beta Pi**
 - a. North Texas Tailgate
 - b. Officer Retreat
 - c. Presidential Selfie
- III. **Candidate Requirements**
 - a. Attend 3 out of 4 general body meetings
 - b. Attend at least one social
 - c. Complete 6 hours minimum of community service with Tau Beta Pi (3 of those hours must be GatorTRAX)
 - d. Complete formal interview
 - e. Attend Electee Only social
 - f. Pay one-time \$100 dues by Meeting 4
 - g. Attend initiation
 - h. Always refer to chapter website before making inquiries.
- IV. **Graduate Student Paperwork**
 - a. Due Wednesday, September 28th, by 5:00 P.M.

Scan completed documents on website at <http://uftbp.com/page.php?p=paperworkInstructions> and email to Shannon Brown, Graduate Coordinator (tbpgradcoordinator@gmail.com)

- V. **Active Membership**

- a.** Meeting excuses are permitted if Member Coordinator, Ryan St. Pierre (rcstpierre@ufl.edu), receives them 24 hours in advance. Non-meeting events will not be excused.
 - b.** We ask that you make up a missed meeting by attending another meeting.
 - c.** Stop by the TBP Office to pick up your certificate and pin!
 - d.** *Scholarship:* Worth \$250, based off of chapter participation. Attendance of at least one E-Futures session is required. Application due Nov. 8th:
<https://goo.gl/forms/4Di2ypZoEUrUT4cF3>
- VI. Corporate Dinner**
- a.** Tuesday, September 27th at 7 PM in Emerson Alumni Hall
 - i.** Accenture, Intel, and Deloitte will participate.
 - ii.** Cost: \$5 for active members, \$10 for inactive members and candidates, and \$15 for non-members. Make payment at office during office hours or at entrance to the corporate dinner.
 - iii.** Members: Send a PDF of your resume to theinzmann@ufl.edu or respond to the RSVP e-mail by **Friday, September 23, 2016** to be included on a DVD provided to recruiters.
 - iv.** RSVP here: <http://uftbp.com/page.php?p=eventRSVP>
- VII. Service Events**
- a.** GatorTRAX: First session this Saturday on 9/24, from 8:30 to 12:00 PM.
 - b.** Street Cleanup: Sunday 9/25, meet at Commuter Lot at 9:00 AM.
 - c.** Monkey Sanctuary Service Event on 10/9.
- VIII. Socials**
- a.** Mochi: Immediately after first meeting!
 - b.** Oktoberfest Social: This Friday, 9/23, 7:00 PM at Swamphead Brewery
 - c.** Brass Tap: 9/28
 - d.** Breakfast Club: 10/02
- IX. E-Futures**
- a.** First session on 10/1 – People Skills.
 - b.** RSVP online!
- X. TEE**
- XI. Clocktower Committee**
- XII. Graduate School Mini-Talks**
- XIII. Next Meeting: Meeting #2 - Tuesday, Oct 4th at 7:20 PM in LIT 109**
- XIV. Master list of dates: <http://uftbp.com/page.php?p=calendar>**

Slides:

TBP Meeting #1

Saturday, 20, 2016
7:20PM
LIT 101

Officer Introductions

ALLOW ME TO INTRODUCE MYSELF

Name, Major, Year, Officer position

Tau Beta Spotlight

By: Karli Gahn

- 1st President
- Member of Tau Beta Pi
- Member of Phi Kappa Phi
- Member of Phi Chi Theta
- Member of Phi Kappa Phi
- Member of Phi Kappa Phi

Corporate Dinner

Monday, December 27, 2016, 5:00 PM, University of Central Florida

- Specialty Menu: Appetizers and Shrimp
- Guests: All members and guests
- Cost: \$100 per person (includes tax and gratuity)
- Reservations: Call 407.226.1234 or email reservations@tau-beta-pi.org
- Address: 1601 E. Colonial Parkway, Suite 100, Orlando, FL 32809

Gator TRAX

Next scheduled: Requirements for Candidates!

8:00 AM - 10:00 AM, Monday, October 17, 2016, University of Central Florida

Location: Student Center, 1601 E. Colonial Parkway, Suite 100, Orlando, FL 32809

Service Events

Street Clean-Up
Blood Drive
Charity Run
Community Service
Fundraising Events

Last Week in Tau Beta Pi

Photo collage of recent events and members.

Candidate Requirements

- Attend 3 out of 4 general body meetings at least 1 week
- Complete minimum of community service with 100 hours
- Complete knowledge of TBP (LIT 101, 201, 301, 401)
- Pay one-time \$100 dues by Meeting #1
- Submit Candidate Questionnaire by Sept. 28

Other Candidate Info

Refer to our website for more information.

www.tau-beta-pi.org

Service Events

Charity Run
Blood Drive
Community Service
Fundraising Events

Socials

Alpha Tau Omega
Phi Kappa Phi
Phi Chi Theta
Phi Sigma Kappa

Engineering Futures

TBA - Project Skills
Team Building
Group Projects
Location: Niles 1011
Organized by: Tau Beta Pi
Contact: tau-beta-pi@tau-beta-pi.org

Graduate student paperwork

Due: Wednesday, September 28 by 5pm

www.tau-beta-pi.org

Active Membership Status

Members must complete a Member Candidate Form by Meeting #1.

Members must complete a Member Candidate Form by Meeting #1.

Active Member Scholarship

\$200 scholarship awarded based on how active you are.

Application: www.tau-beta-pi.org

FE Review Sessions

October 17, 2016, 8:00 AM - 10:00 AM

October 18, 2016, 8:00 AM - 10:00 AM

October 19, 2016, 8:00 AM - 10:00 AM

TEE

Team Building Event

Location: Niles 1011

Clocktower Committee

Sign up: www.tau-beta-pi.org

Grad School Mini-Talks

Interested in going to grad school?
Interested in Biology and Physics?
Interested in Chemistry?

Grad School Mini-Talks

Not to worry - how to get research

Michael Wang - MSE, Nuclear Physics

How to Get Research

Quick Background

Why Get Research?

Steps to Success

Canine Phantom Doximity

Medical Research and Innovation

Canine Phantom Doximity

MRI Sequencing

Medical Research and Innovation

MRI Sequencing

Laser Ablation

Medical Research and Innovation

Laser Ablation

My Background

Health Physics
Nuclear Engineering
Chemical Engineering

Why Research

Graduate student opportunities

Explore various areas of your field

Steps to Success

Find a mentor

Find a project

Find a job

Proton Therapy

Medical Research and Innovation

Proton Therapy

Respiratory Gating in Rad. Therapy

Medical Research and Innovation

Respiratory Gating in Rad. Therapy

Brain Challenge

Medical Research and Innovation

Brain Challenge

Grad School - Medical Physics

Quick Start Guide

What is Medical Physics?

Overview of Research Opportunities

My Background

Advanced Laboratory for Radiation Dosimetry Studies

Medical Physics Institute

Health Physics Institute

My Background

Advanced Laboratory for Radiation Dosimetry Studies

Health Physics, Medical Physics, Chemistry

Medical Physics Institute

Challenge 1

Support the research in order to save lives

Medical Physics Institute

Master List of Dates

| Event | Date | Location |
|------------------------------------|---------------------------|--|
| TBP Meeting #1 | Saturday, 20, 2016 | LIT 101 |
| Corporate Dinner | Monday, December 27, 2016 | 1601 E. Colonial Parkway, Suite 100, Orlando, FL 32809 |
| Gator TRAX | Monday, October 17, 2016 | Student Center, 1601 E. Colonial Parkway, Suite 100, Orlando, FL 32809 |
| Engineering Futures | TBA | Niles 1011 |
| Service Events | Various | Various |
| Socials | Various | Various |
| FE Review Sessions | October 17-19, 2016 | Various |
| TEE | Various | Various |
| Clocktower Committee | Various | Various |
| Laser Ablation | Various | Various |
| MRI Sequencing | Various | Various |
| Respiratory Gating in Rad. Therapy | Various | Various |
| Brain Challenge | Various | Various |
| Proton Therapy | Various | Various |
| Challenge 1 | Various | Various |
| Master List of Dates | Various | Various |
| Press sign in! | Various | Various |

Press sign in!

Next Meeting: Meeting #2 - Tuesday, Oct 4th at 7:30 PM in LIT 101

Thank you :-)

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 6

New

Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Fall General Body Meeting #2

Date(s) of Project: 10/4/2016

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 17

Electees: 54

Average number of hours per person spent on this project

Organizing: 1.5

Participating: 1

I. General Description:

This was the second general body meeting of the Florida-Alpha chapter of Tau Beta Pi.

II. Purpose & Relationship to Objectives of TBP:

The members and candidates were debriefed on the events that were held by the chapter the week before. Information on upcoming events was provided to the students in attendance. They were reminded of the requirements for active membership and electee status, and the master list of dates was provided.

III. Organization & Administration: (in conjunction with another group? Yes No)

The meeting was run by the officers, as usual. The Recording Secretary created the agenda, which was sent to be printed at Target Copy. The President created the PowerPoint presentation and each officer was responsible for updating their own slides. The Recording Secretary created the sign in sheet.

IV. Cost & Personnel Requirements:

\$100 for pizza. \$10 for printing the Agendas (Black and White, double-sided and stapled).

V. Special Problems:

The recording secretary needed to purchase the copies of the agenda, because the staff member of the printing center that normally takes the orders was absent on this day. The recording secretary was reimbursed for the cost.

VI. Over-all Evaluation/Results (Be Specific):

The meeting itself was run without any issues.

VII. Index of Exhibits:

Members in Attendance: Shannon Brown, Ryan Dargan, Niko Dosev, Fidel Esquivel, Scott Fenton, Daniel Fuenmayor, Adam LeMay, Felipe Lenz, Kenneth McIntyre, Catherine Miney, Jacob Montgomery, Travis Satiritz, Benjamin Schwaller, Thomas Scruggs, Ryan St. Pierre, Josh Wagner, Colton Weimerskirch, Jennifer Yoder.

Electees in Attendance: Yanfang Ao, Sam Armington, Daniel Beach, Joshua Benjamin, Ryan Blanchard, Haley Bross, Gabriela Buraglia, David Camero, Sheila Capote, Leah Carol, Justin Cohen, Kathleen Dreyer, Jorge Figueras, Reagan Fuhr, Trevor Garlinghouse, Aaron Giles, Carlos Gonzalez, Max Greene, John Gregory, Frederick Hodgins, Sylvie Hyman, France Jackson, Apoorv Jain, Emma Johnson, Amanda Johnson, Henry Judson, Erin Kolman, Jla Leong, Miranda Lochner, Tobias Lodemann, Brianna Malcolm, Parker McBryde, Nathan Miller, Katrina Milliser, Anna Montgomery, Miguel Morales, Dominick Mulder, Ryan Nordman, Raul Pedrosa, Glendon Plumton, Harry Reid, Royce Reyes, Felicia Sedwick, Joseph Shafer, Sydney Shivers, Lance Smith, Brian Sokol, Douglas Steinbach, Thomas Truchement, Natalie Vaughn, Nicholas Verrire, Razvan Vesa, Kyle Vu, Ryan Wicks, Lin Yuan.

Agenda:

- I. Tau Bate Spotlight**
- II. Last Week In Tau Beta Pi**
 - a.** Corporate Dinner
 - b.** Career Showcase
 - c.** GatorTRAX
- III. Candidate Requirements**
 - a.** Attend 3 out of 4 general body meetings
 - b.** Attend at least one social
 - c.** Complete 6 hours minimum of community service with Tau Beta Pi (3 of those hours must be GatorTRAX)
 - d.** Complete formal interview
 - e.** Attend Electee Only social
 - f.** Pay one-time \$100 dues by Meeting 4
 - g.** Attend initiation
 - h.** Always refer to chapter website before making inquiries.
 - i.** Graduate Students: Contact Shannon if you did not submit paperwork!
- IV. Electee-Only Social**
 - a.** REQUIRED for initiation.
 - b.** McCarthy Hall G186, October 6 (Thursday) at 7:20-8:10 P.M.
 - c.** Send tbvpofelectess@gmail.com an email if you will not be able to attend.
- V. Active Membership**
 - a.** Meeting excuses are permitted if Member Coordinator, Ryan St. Pierre (rcstpierre@ufl.edu), receives them 24 hours in advance. Non-meeting events will not be excused.
 - b.** We ask that you make up a missed meeting by attending another meeting.
 - c.** Stop by the TBP Office to pick up your certificate and pin!

d. Scholarship: Worth \$250, based off of chapter participation. Attendance of at least one E-Futures session is required. Application due Nov. 8th:

<https://goo.gl/forms/4Di2ypZoEUrUT4cF3>

VI. Service Events

a. GatorTRAX: Saturday, October 22nd.

b. Street Cleanup: October 23rd and November 13th. From 9:00 A.M. to 12:00 P.M., meet at the Commuter Lot.

c. Monkey Sanctuary Service Event on 10/9.

1) Meet in the Commuter Lot no later than 10:20am!

2) Max of 10 people, sign-up soon!

3) Please sign-up by Thursday October 6th

4) Sign-Up: <https://goo.gl/kK5Ho6>

5) Additional Volunteer Form: <https://goo.gl/YRPW9v>

VII. Socials

a. Crafty Bastards this Thursday at 8:00 P.M.

b. Next week: Art In Engineering (10/13)

VIII. E-Futures

IX. FE Review

a. Started yesterday (October 3rd) go until Next week (October 13th). More info:

<http://uftbp.com/page.php?p=fereview>

X. TEE

a. Sign up on google form: <https://goo.gl/UTCZGm>

b. Write up a script to be reviewed for approval: <https://goo.gl/itmjrjE>

XI. Clocktower Committee

XII. Graduate School Mini-Talk

a. Shannon Brown (BME)

XIII. Brain Challenge

XIV. Next Meeting: Meeting #3 (Candidate Election) - Tuesday, Oct 18th at 7:20 PM in LIT 109

XV. Master list of dates: <http://uftbp.com/page.php?p=calendar>

Slides:

TBP Meeting #2

October 4, 2016
7:30PM - 9:00PM
UPEI

Tau Bate Spotlight

William E. McBride
Member of Executive Board, President of Tau Beta Pi, UPEI Chapter
Nominations for the 2017-2018 Executive Board
Nominations Deadline: September 15th, 2016
Contact: william.mcbride@tau-beta-pi.org

Last Week in Tau Beta Pi

Check out the highlights from the past week of Tau Beta Pi activities. Don't miss the "What's New" section!

Service Events

Street Cleanup
9:30 AM - 12:30 PM
St. George's Park
Free for all ages!

Merchandise Sale
6:00 AM - 12:00 PM
UPEI Convention Center
Free for all ages!

Service Events

Money Services Seminar Oct. 11th - 11am - 3pm
Meet to learn how to use our money services!
- Open to all Tau Beta Pi members!
- Address: 3rd Floor UPEI Convention Center

Sodas

Next week: Active Engineering
(Thursday, 10/13 @ 6pm)
Join us for the first of the Fall Sodas!
- Free for all ages!
- 18+ for the second half!

Candidate Requirements

- Attend 3 out of 4 previous body meetings, or at least 1 social
- Complete form (return of nominating officer) with with
- Complete paperwork - <https://www.tau-beta-pi.org/Forms/2016Candidate>
- Pay one-time \$500 dues to Membership
- Attend Election Body (BB) in person by Sept. 28

→ Contact葆葆葆 BSM at tau@tau-beta-pi.org

Other Candidate Info

Before you ask... check the website!
- <https://www.tau-beta-pi.org/Forms/2016Candidate>
- <https://www.tau-beta-pi.org/Forms/2016Candidate>
- Use the list for asking for the nominating officer's help!

Elector Only Social

Thursday, Oct. 6th @ 7:30 PM in the Gentry Hall CD 108
Sodas and BOAT
- Free for all ages!
- 18+ for the second half!
- <https://www.tau-beta-pi.org/Forms/2016Candidate> on your phone will
- REQUIRED for members!

FE Review Sessions

Costs & Prizes

| Level | Cost | Prize |
|-------|---------|----------|
| 1st | \$200 | \$5000 |
| 2nd | \$100 | \$2500 |
| 3rd | \$50 | \$1250 |
| 4th | \$25 | \$625 |
| 5th | \$12.50 | \$312.50 |

Sign up: <https://www.tau-beta-pi.org/Forms/2016Candidate>
Date: Oct 10th, 11th, 12th, 13th, 14th, 15th, 16th, 17th, 18th, 19th, 20th, 21st, 22nd, 23rd, 24th, 25th, 26th, 27th, 28th, 29th, 30th, 31st
Location: UPEI Convention Center
Time: 10:00 AM - 12:00 PM

TEE

Search for the...
- 18+ for the second half!
- <https://www.tau-beta-pi.org/Forms/2016Candidate> on your phone will
- REQUIRED for members!

Cock-tower Committee

Sign up to be on the...
- 18+ for the second half!
- <https://www.tau-beta-pi.org/Forms/2016Candidate> on your phone will
- REQUIRED for members!

Active Membership Status

Meeting recent attendance / Member Candidate? Age 18
- 18+ for the second half!
- <https://www.tau-beta-pi.org/Forms/2016Candidate> on your phone will
- REQUIRED for members!

Active Member Scholarship

\$200 scholarship awarded based on how active you are
- 18+ for the second half!
- <https://www.tau-beta-pi.org/Forms/2016Candidate> on your phone will
- REQUIRED for members!

GatorTRAX

Upcoming Events
- October 14-15
- <https://www.tau-beta-pi.org/Forms/2016Candidate> on your phone will
- REQUIRED for members!

Grad School Mini-Talks

Barbara Brown
Ph.D. Candidate
Department of
Electrical Engineering

One Night

Search for the...
- 18+ for the second half!
- <https://www.tau-beta-pi.org/Forms/2016Candidate> on your phone will
- REQUIRED for members!

Why don't we...?

Metropolis: Searching for...
- 18+ for the second half!
- <https://www.tau-beta-pi.org/Forms/2016Candidate> on your phone will
- REQUIRED for members!

Challenge 2

EBP's age in years is approximated by the number of...
- 18+ for the second half!
- <https://www.tau-beta-pi.org/Forms/2016Candidate> on your phone will
- REQUIRED for members!

Master List of Dates

| Event | Date |
|-------------------------|--------|
| 2016 Candidate Election | Oct 28 |
| 2017 Candidate Election | Oct 28 |
| 2018 Candidate Election | Oct 28 |
| 2019 Candidate Election | Oct 28 |
| 2020 Candidate Election | Oct 28 |
| 2021 Candidate Election | Oct 28 |
| 2022 Candidate Election | Oct 28 |
| 2023 Candidate Election | Oct 28 |
| 2024 Candidate Election | Oct 28 |
| 2025 Candidate Election | Oct 28 |

Brain Challenge

Member of...
- 18+ for the second half!
- <https://www.tau-beta-pi.org/Forms/2016Candidate> on your phone will
- REQUIRED for members!

Follow Us on Social Media!

Facebook: [tau-beta-pi](https://www.facebook.com/tau-beta-pi)
Instagram: [tau-beta-pi](https://www.instagram.com/tau-beta-pi)

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Instagram: [tau-beta-pi](https://www.instagram.com/tau-beta-pi)

Please sign in!

Next Meeting: Meeting #3 (MID-LEVEL COALITION)
Friday, Oct 15th at 7:30 PM in UPEI
Thank you :)

Challenge 2

EBP's age in years is approximated by the number of...
- 18+ for the second half!
- <https://www.tau-beta-pi.org/Forms/2016Candidate> on your phone will
- REQUIRED for members!

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The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 7

New

Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Tau Beta Pi 111th National Convention **Date(s) of Project:** 10/06/2016 – 10/08/2016

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project Members: 1 Electees: 0

Average number of hours per person spent on this project Organizing: 3 Participating: 50

I. General Description:

The 111th annual National Convention of Tau Beta Pi was held at the Town and Country Resort & Convention Center in San Diego, California. The first day consisted of Executive Council Meetings and training. Our two delegates arrived in San Diego late 10/05/2016. Our voting delegate was placed in the Curriculum Review Committee where 5 majors were considered for becoming part of Tau Beta Pi. Our voting delegate was chosen to defend Illinois-Gamma's Applied Math major in the convention floor. Our voting delegate was successful and IL-G's Applied Math major became part of Tau Beta Pi after voting session at the convention General Meeting. In the evenings and in breaks during the day, the President had the opportunity to socialize with other chapter delegates as well as Florida Alpha chapter alumni and other District 5 members. The Florida Alpha chapter was awarded the Chapter Project Award (for the 30th year in a row) and the Chapter Excellence Award. Our President (voting delegate) was awarded one of the 24 2016-2017 Tau Beta Pi Fellowships, and our former GatorTRAX coordinator, Kiersten Wang, was awarded the Tau Beta Pi Laureate for excellence in sports (Gymnastics).

II. Purpose & Relationship to Objectives of TBP:

The Convention serves as the supreme governing body of TBP conducting the business of the Association, as a training session for student delegates, and as an opportunity for delegates from all parts of the country to meet and socialize with each other.

III. Organization & Administration: (in conjunction with another group? Yes No)

National Headquarters and the San Diego collegiate and alumni chapters worked together to organize the event.

IV. Cost & Personnel Requirements:

All expenses were covered and reimbursed by TBP National Headquarters for the voting delegate. The

FL-Alpha chapter covered all the flight and hotel accommodations for our non-voting delegate, Ryan Dargan.

V. Special Problems:

Our flight from Florida was delayed due to Hurricane Matthew and we arrived after midnight on Wednesday, with committee meetings scheduled for very early Thursday morning.

VI. Over-all Evaluation/Results (Be Specific):

Convention was an exciting experience and a great place for chapter delegates to exchange ideas and encourage one another. The President and Treasurer had the opportunity to serve on the Curriculum Review and Convention Site committees, respectively. Strong bonds between District 5 delegates and advisors were maintained and strengthened to help foster healthy chapters in the southeast for the remainder of the year.

VII. Index of Exhibits:

Members in Attendance: Ryan Dargan and Felipe Lenz.

Photos:



(Left) Our FL-Alpha President and District 5 Director receive the Chapter Project Award (for the 30th year in a row) and Chapter Excellence Award at the National Convention. (Right) Our FL-Alpha alumna receives her Laureate Award.

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 8

New

Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Fall Officer Meeting #2

Date(s) of Project: 10/11/2016

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 16

Electees: 0

Average number of hours per person spent on this project

Organizing: 1

Participating: 1

I. General Description:

Second officer meeting of the semester, only officers attended. Officers were updated on the outcomes of the 2016 Tau Beta Pi National Convention, motivated to produce better project reports, reminded of deadlines, what is expected from them, and of electee requirements. A Brainstorming session to solve the Engineering Futures issue was conducted and the officers decided that it would be best if our chapter hosted only one E-Futures per semester. Officers were encouraged to RSVP and share the event within their Departments so attendance can increase.

II. Purpose & Relationship to Objectives of TBP:

The purpose was to establish a relationship with all Tau Beta Pi officers and state the goals of the organization, as well as announce all planned events and opportunities

III. Organization & Administration: (in conjunction with another group? Yes No)

The president wrote the Agenda and created a Google Form to take attendance and receive individual feedback from each officer.

IV. Cost & Personnel Requirements:

The president wrote the Agenda and created a Google Form to take attendance and receive individual feedback from each officer.

V. Special Problems:

We had the room for only 50 minutes and the meeting felt rushed, since the agenda was so long. In the future, the VP is encouraged to reserve the room for more than 1 class-period. Otherwise, the meeting was successful and informative.

VI. Over-all Evaluation/Results (Be Specific):

This was a successful meeting. Next Officer meeting will be hosted in two weeks.

VII. Index of Exhibits:

Members in Attendance: Shannon Brown, Ryan Dargan, Surya Chandan Dhulipala, Michael Everette, Maggie Fettis, Daniel Fuenmayor, Troy Heinzmann, Adam LeMay, Felipe Lenz, Kenneth McIntyre, Catherine Miney, Travis Satiritz, Benjamin Schwaller, Madeline Scullo, Thomas Scruggs, Michael Shang, Ryan St. Pierre, Colton Weimerskirch.

Electees in Attendance: N/A.

Agenda:

A) President

- TBP Convention:

- 1) We won the Best Chapter Project Award (30th year in a row) and Excellence Chapter Award! Congrats Thomas and the 2015-2016 officer team
- 2) Elected three majors to Tau Beta Pi: Computer Science (NY-A, CO-A), Applied Math (IL-G), and Operations Research (OH-Eta)
- 3) Fellowship and Scholarship applications are now a parameter for the Excellence Chapter Award
- 4) Host peer review fellowship app sessions

- Active Member Scholarship reviewers:

- 1) I need one extra reviewer for the scholarship to join Michael and I in selecting the recipient

- Project Reports:

- 1) Some officers are submitting subpar project reports
- 2) Review guidelines and where to upload your report
- 3) Bad projects => No scholarship funds for next year => no awards => harder to get fellowship/scholarship
- 4) Brainstorm a new and big service/social event for the spring: Travel to some nearby state to engineer a solution? Camping trip + scavenger hunt?

B) Graduate Coordinator:

- Grad Student Forms:

- 1) Sent to HQ yesterday
- 2) Thanks Shannon for submitting everything on time
- 3) HQ will likely confirm grad students' eligibility after our election. PLEASE DO NOT DISCLOSE ELECTIONS RESULTS BEFORE I GET HQ APPROVAL!!!!!!

- Grad School mini-talks:

- 1) Received great feedback from convention
- 2) @Shannon: Can you write a project report for the graduate mini talks? One per semester is okay.

Should contain all sessions/speaker names/topic. A table would be good

C) FE Reviews:

- 1) Statistics
- 2) Revenue versus Cost
- 3) @Maggie: please submit a project report for all the sessions no later than one week after the last session
- 4) Comments? Lessons learned? Advice for next semester?

D) Vice-President:

- Engineering Futures session:
 - 1) New HQ rule: \$50 to reserve. We get the money back if 20+ people show up. Please RSVP
 - 2) Brainstorm marketing ideas: go to freshman classes? Business school?

- Member-Candidate social:
 - 1) Following this meeting, same room.
 - 2) Show up if you can to encourage students to join us

E) Initiation Coordinator:

- Brain Challenge:
 - 1) Prize to incentivize participation. Budget: \$25
 - 2) Brainstorm possible prizes
 - 3) @Fidel: please submit a project report for all the brain challenge questions+Member Spotlight no later than one week after initiation. Should add all questions, statistics of submission, Members put on the spotlight slide, etc. A summary table will be good

- Initiation:
 - 1) Rent/Borrow a good speaker + mic for initiation banquet. Does anyone have one?
 - 2) Room/Time/Roles

F) Service:

- Monkey sanctuary: Updates?
- Puppy social: Status?
- Elephant sanctuary: Status?
- Habitat for Humanity?

G) Social

- BrassTap:
 - 1) Budget for appetizers

H) Webmaster: Good job! Keep up with the good work

I) Treasurer: YGG

J) VP of electees

- Bents are in
Tau Beta Pi

- Electee-only social:
- 1) Brainstorm activities
- 2) Where/When

K) Corresponding Secretary

- Next HQ report is due on: November 4th (Following next week's election meeting)
- Must get all 4's for excellence chapter award

L) GatorTrax: good job, keep it up.

- How to get more exposure? Science fair competition?

M) Historian: where are photos being uploaded?

N) Alumni coordinator:

- Reach out to Alumni to attend our initiation
- Work with Initiation Coord. to invite our district directors + schedule a good speaker for the banquet. Maybe two?

O) Corporate Relations: project report+pictures?

P) Member Coordinator: good job! Keep it up!

Q) TEE chair: are people signing up for the videos?

R) Recording Secretary: YGG

S) Pi day coordinator:

- 5k + what else?
- can we run on campus?
- T-Shirt design competition?
- Fundraise with Blaze?

T) BEC/E-Week: Updates?

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 9

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Fall General Body Meeting #3,
Candidate Election

Date(s) of Project: 10/18/2016

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project Members: 40 Electees: 0

Average number of hours per person spent on this project Organizing: 1.5 Participating: 1

I. General Description:

This was the third general body meeting of the Florida-Alpha chapter of Tau Beta Pi, where candidate election took place.

II. Purpose & Relationship to Objectives of TBP:

In this meeting, the candidates were reviewed, and those that met the requirements were chosen to be electees. Only members and officers were allowed to attend this meeting, and the final list of electees was approved by a vote.

III. Organization & Administration: (in conjunction with another group? Yes No)

The meeting was run by the officers, as usual. The Recording Secretary created the agenda, which was sent to be printed at Target Copy. The President created the PowerPoint presentation and each officer was responsible for updating their own slides. The Recording Secretary created the sign in sheet.

IV. Cost & Personnel Requirements:

\$90 for pizza. \$10 for printing the Agendas (Black and White, double-sided and stapled).

V. Special Problems:

No problems to report.

VI. Over-all Evaluation/Results (Be Specific):

The meeting was run very quickly, since the room was reserved for an exam to be held the following class period.

VII. Index of Exhibits:

Members in Attendance: Marvin Andujar, John Barta, Shannon Brown, Ryan Dargan, Surya Chandan Dhulipala, Nikolai Dosev, Alyssa Egnew, Fidel Esquivel, Scott Fenton, Emily Ferradaz, Maggie Fettis, Maddy Fuchs, Daniel Fuenmayor, Kasandra Gilley, Nikita Goldfarb, Carla Guidi Azarola, Michael Hallenstein, Matt Harwood, Troy Heinzmann, Adam LeMay, Felipe Lenz, Dana Lobmeyer, Kenneth McIntyre, Mark McNeely, Catherine Miney, Madeleine Monfort, Jacob Montgomery, Mary Regan, Julian Rey, Cesar Santoyo, Travis Satiritz, Sebastian Sayavedra, Maddie Sciuillo, Thomas Scruggs, Michael Shang, Chad Spreadbury, Ryan St. Pierre, Sandor Valenciaga, Josh Wagner, Colton Weimerskirch, Jennifer Yoder.

Electees in Attendance: N/A.

Agenda:

I. Candidate Elections

II. GatorTRAX

- a. Saturday, October 22nd
- b. Only one more after this one for the semester! It is your chance to volunteer and inspire K-12 kids!
- c. Volunteers sign in here: <https://goo.gl/xa6nrK>
- d. Volunteers will receive an email with their responsibilities at least 24 hrs in advance of the event, so make sure you check your email!
- e. For more information, visit: <http://www.ufgatortrax.com/volunteers>

III. Street Cleanup

- a. This week's upcoming service event is Adopt-A-Street Clean Up #2 on Sunday 10/23/16 from 9am-12pm.
- b. We will be meeting at the commuter lot at 8:40am for carpooling. Everyone is encouraged to bring water, and bug spray will be brought for anyone who wishes to use it.
- c. The link for the RSVP form is: <https://goo.gl/6mK7hQ>

IV. E-Futures

- a. A free professional development workshop will be held on **Saturday, November 05, 2016 from 1pm-5pm** and is open to all students!
- b. Location: NPB1011. Program is titled "People Skills."
- c. Please RSVP at the following link: <https://goo.gl/forms/r7mTN2gbBR3RvNkh1>

V. Clocktower Committee

- a. Two meetings tomorrow, October 19th, in NEB 109.
- b. First meeting at 5:00 P.M. and second 5:30 P.M.
- c. All are welcome!

VI. Next Meeting: Meeting #4 - Tuesday, November 1st at 7:20 PM in LIT 109

VII. Master list of dates: <http://uftbp.com/page.php?p=calendar>

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 10

New

Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Fall Officer Meeting #3

Date(s) of Project: 10/25/2016

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 19

Electees: 0

Average number of hours per person spent on this project

Organizing: 1

Participating: 1

I. General Description:

Third officer meeting of the semester, only officers attended. Officers were asked to provide a detailed status update on their positions and upcoming events. The nominations for Best Member and Best Officer Awards were opened and shared with the officers. A committee to review the Active Member Scholarship Applications was formed and comprised of the President, Vice President, and Graduate Coordinator. Unfortunately, the E-Futures session was cancelled because we did not get enough people RSVP'ing per new HQ guidelines.

II. Purpose & Relationship to Objectives of TBP:

The purpose was to establish a relationship with all Tau Beta Pi officers and state the goals of the organization, as well as announce all planned events and opportunities.

III. Organization & Administration: (in conjunction with another group? Yes No)

This meeting was organized and run by the President. The Vice-President was the responsible for reserving the room at Reitz Union.

IV. Cost & Personnel Requirements:

The president wrote the Agenda and created a Google Form to take attendance and receive individual feedback from each officer.

V. Special Problems:

We had the room for only 50 minutes and the meeting felt rushed, since the agenda was so long. In the future, the VP is encouraged to reserve the room for more than 1 class-period. Otherwise, the meeting was successful and informative.

VI. Over-all Evaluation/Results (Be Specific):

This was a successful meeting. Next Officer meeting will be hosted in two weeks.

VII. Index of Exhibits:

Members in Attendance: Shannon Brown, Ryan Dargan, Fidel Esquivel Estay, Michael Everette, Margaret Fettis, Daniel Fuenmayor, Troy Heinzmann, Adam LeMay, Kenneth McIntyre, Catherine Miney, Travis Satiritz, Sebastian Sayavedra, Benjamin Schwaller, Maddie Sciallo, Michael Shang, Anderson Sheets, Chad Spreadbury, Ryan St. Pierre, Colton Weimerskirch.

Electees in Attendance: N/A.

Agenda:

A) President

- Nominations for Best Member and Best Officer are now open! <https://goo.gl/re805K>
- Candidates have become electees and they have been notified!
- Project Report Tracker: Updated every Monday <https://goo.gl/MKbjnl>

- Active Member Scholarship reviewers:
 - 1) I need one extra reviewer for the scholarship to join Michael and I in selecting the recipient

- Project Reports:
 - 1) Some officers are submitting subpar project reports
 - 2) Review guidelines and where to upload your report
 - 3) Bad projects => No scholarship funds for next year => no awards => harder to get fellowship/scholarship
 - 4) Brainstorm a new and big service/social event for the spring: Travel to some nearby state to engineer a solution? Camping trip + scavenger hunt?

B) Graduate Coordinator: Done!

C) FE Reviews: Done! Project Report?

D) Vice-President:

- Engineering Futures session: Cancelled for the Fall

E) Initiation Coordinator:

- Brain Challenge:
 - 1) Prize to incentivize participation. Budget: \$25
 - 2) Brainstorm possible prizes
 - 3) No more member spotlight since we have the Grad Student mini talks
 - 4) Fidel will work with Danny to put the Brain challenge problem statement in the meeting agenda @Fidel: please submit a project report for all the brain challenge questions no later than one week after initiation. Should add all questions, statistics of submission, Members put

on the spotlight slide, etc. A summary table will be good

- Initiation:

- 1) Rent/Borrow a good speaker + mic for initiation banquet. Does anyone have one?
- 2) Room/Time/Roles/Rehearsal

F) Service:

- Monkey sanctuary: Updates?
- Puppy social: Status?
- Elephant sanctuary: Status?
- Habitat for Humanity?

G) Social

- Announcements?

H) Webmaster: Good job! Keep up with the good work

I) Treasurer:

- Review procedure to receive dues from electees

J) VP of electees

- Bents are in
- Electee-only social:
 - 1) Brainstorm activities

K) Corresponding Secretary

- Awesome job! We've submitted our elections report early, so we should have certificates and keys at initiation
- Must get all 4's for excellence chapter award

L) GatorTrax: good job, keep it up.

- How to get more exposure? Science fair competition?

M) Historian:

- Announcements?

N) Alumni coordinator:

- Reach out to Alumni to attend our initiation
- Work with Initiation Coord. to invite our district directors + schedule a good speaker for the banquet. Maybe two?

O) Corporate Relations:

P) Member Coordinator: good job! Keep it up!

Q) TEE chair: are people signing up for the videos?

R) Recording Secretary: late project reports and minutes. :-(

S) Pi day coordinator:

- 5k + what else?
- T-Shirt design competition?
- Fundraise with Blaze?

T) BEC/E-Week: Updates?

U) Clock tower committee: (this week only) Meeting on Thursday instead of Wednesday: NEB 109 5pm

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 11

New

Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Fall General Body Meeting #4

Date(s) of Project: 11/01/2016

Project area: Community/ Liberal Culture University/ College Profession/ Engineering Chapter/ Social Education/ Professional Development

Number of persons who participated in this project

Members: 25

Electees: 48

Average number of hours per person spent on this project

Organizing: 1.5

Participating: 1

I. General Description:

This was the fourth general body meeting. Both members and electees were in attendance.

II. Purpose & Relationship to Objectives of TBP:

The purpose of this was to inform active members on the events and benefits that the Florida Alpha chapter was offering, and to welcome the new candidates, who had successfully made the transition from candidacy. At the end of Meeting #4, the candidates paid their \$100 dues to our Treasurer (using card, check, cash, or Venmo (@uftbp)), received their bent casting, their Tau Beta Pi FL-A t-shirt, a copy of the bylaws, and a TBP bumper sticker.

III. Organization & Administration: (in conjunction with another group? Yes No)

The meeting was run by the officers, as usual. The Recording Secretary created the agenda, which was sent to be printed at Target Copy. The President created the PowerPoint presentation and each officer was responsible for updating their own slides. The Recording Secretary created the sign in sheet. The GatorTRAX Coordinator, Maddie Scullo, ran the meeting because she has demonstrated interest in running for President in the upcoming April officer elections.

IV. Cost & Personnel Requirements:

\$10 for printing the Agendas (Black and White, double-sided and stapled).

V. Special Problems:

No special problems to report.

VI. Over-all Evaluation/Results (Be Specific):

The meeting was run smoothly.

VII. Index of Exhibits:

Members in Attendance: John Barta, Shannon Brown, Surya Chandan Dhulipala, Alyssa Egnew, Fidel Esquivel, Maggie Fettis, Daniel Fuenmayor, Trevor Garlinghouse, Carla Guidi Azarola, Adam LeMay, Felipe Lenz, Kenneth McIntyre, Catherine Miney, Jacob Montgomery, Travis Satiritz, Sebastian Sayavedra, Benjamin Schwaller, Maddie Sciuillo, Thomas Scruggs, Michael Shang, Anderson Sheets, Chad Spreadbury, Ryan St. Pierre, Tyler Theriault, Colton Weimerskirch, Jennifer Yoder.

Electees in Attendance: Yanfang Ao, Sam Armington, Daniel Barkley, Kevin Barta, Daniel Beach, Joshua Benjamin, Haley Bross, Gabriela Buraglia, Sheila Capote, Leah Carol, Justin Cohen, Jorge Figueras, Aaron Giles, Carlos Gonzalez, Max Greene, John Gregory, Leah Hines, Frederick Hodgin, Apoorv Jain, Amanda Johnson, Emma Johnson, Venkata Surya Chaitanya Kolluru, Erin Kolman, Miranda Lochner, Tobias Lodemann, Jia Long, Parker McBryde, Nathan Miller, Katrina Milliser, Anna Montgomery, Miguel Morales, Dominick Mulder, Ryan Nordman, Lauren Northrup, Ankit Patel, Glendon Plumton, Harry Reid, Royce Reyes, Felicia Sedgwick, Sydney Shivers, Lance Smith, Brian Sokol, Douglas Steinbach, Thomas Truchement, Natalie Vaughn, Nicholas Verrire, Razvan Vesa, Ryan Wicks, Lin Yuan.

Agenda:

- I. Last Week In Tau Beta Pi**
- II. Candidate Requirements**
 - a.** Attend 3 out of 4 general body meetings + at least 1 social
 - b.** Complete 6 hours minimum of community service with Tau Beta Pi (3 of those hours must be GatorTRAX)
 - c.** Complete interview
 - d.** Attend Electee-Only social
 - e.** Pay one-time \$100 dues TONIGHT
 - f.** Attend initiation (Nov 18th, 5:30 PM, CSE E121). **Business formal attire required.**
- III. Active Membership Status**
 - a.** Attend Member Meeting, Meeting 3, and Officer Elections + one other non-meeting event
 - b.** Excuse permitted if Member Coordinator, Ryan St. Pierre (rcstpierre@ufl.edu), receives them 24 hours in advance. Non-meeting event will not be excused.
 - c.** We ask that you make up a missed meeting by attending another meeting.
 - d.** Stop by our TBP office to pick up your certificate and pin!
- IV. Active Member Scholarship**
 - a.** \$250 scholarship awarded based on how active you are in the chapter
 - b.** Additional requirement: attend 1 TEE session
 - c.** Application: <https://goo.gl/forms/4Di2ypZoEUrUT4cF3>
 - d.** Due a week from tonight, on November 8th at 11:59pm
- V. GatorTRAX**
 - a.** Last chance to get this requirement! Saturday, November 5th, ACE.
- VI. Service Events**

- a. Street Clean-Up: November 13, 2016 9:00 A.M to 12:00 P.M (Meet @ Commuter Lot)
- b. Two Tails Ranch Elephant Service Project **NOV. 6th!!**
 - i. Meet in the Commuter Lot no later than 9:15am!
 - ii. Max of 18 people, please sign-up soon
 - iii. Please sign-up by Thursday November 3rd
 - iv. Sign-Up: <https://goo.gl/XVjeN8>

VII. Socials

- a. This Week:
 - i. Breakfast Club: Metro Diner. Saturday, 11/5 @ 1pm (After GatorTRAX).
- b. Next Week:
 - i. Beer Night: Swamp Head. Thursday, 11/10 @7pm.

VIII. TEE

- a. Record tutorials, get service hours!
- b. **New requirement for Best Electee and Active Membership Awards!**
- c. One Button Studio @ Library West Room 142
- d. Process:
 - i. Sign up on google form: <https://goo.gl/UTCZGm>
 - ii. Write up a script to be reviewed for approval: <https://goo.gl/itmriE>
 - iii. After approval, go to One Button Studio with TEE Chairperson to get recording!

IX. Clocktower Committee

- a. Sign up: <https://goo.gl/forms/z8kskgtK6UKfLjBe2>
- b. 2 faces on clocktower
- c. Finalize preliminary designs
- d. No one has signed up!!

X. Grad School Mini-Talks

XI. Brain Challenge

- a. Work individually, think creatively!
- b. *Member or Candidate* with most correct answers this semester will receive a prize at the Banquet!
- c. Submit worked out responses by **Friday, November 18th:**
 - i. Scan and email to tbpfla.initiation@gmail.com
 - ii. Turn in at Fidel's office hours (Tuesdays 3pm-4pm) Weil 278
- d. Challenge 3: On my last birthday, I received a present packed in a rectangular box, 10 cm by 20 cm by 30 cm. The box was wrapped by an inelastic continuous loop of very narrow ribbon that crossed all six faces at least once, held in place with transparent tape, with the total length of ribbon on each face being at least 1 cm. What is the shortest ribbon that meets these requirements? Express your answer accurate to three decimal places.

XII. Pay Dues!

XIII. Master List of Dates

Next Meeting: November 15, 2016 at 7:20 PM | LIT 109

Slides:

TBP Meeting #4

November 1, 2016
7:20PM
LT 109

Initiation Coordinator

- Initiation will be in CSE E121 at 6pm (arrive by 5:30pm)
- Dress is business professional
- Volunteers Needed!
- Talk to Fidel!

Active Member Scholarship

- \$250 scholarship awarded based on how active you are in the chapter
- Application: <https://goon.gatortrax.net>
- Due on November 6th at 11:59pm

Socials

- This week
- Breakfast Club: Metro Diner
SATURDAY 11:15 - 1pm (After GatorTRAX)
- Next week
- Beer Night Swamp Head
Thursday 11:10 @7pm

Last Week in Tau Beta Pi

Congratulations to our newly inducted candidates!



GatorTRAX #6

Banquet Coordinator

- Friday November 18th 8-10pm (following initiation) at
- Free to Electees and Members, \$25 for guests
- 50 person maximum
- RSVP here: <https://goon.gatortrax.net>

GatorTRAX

- Upcoming Events
- LAST CHANCE:
- November 5, AGE



GatorTRAX #6

Engineering Futures

- Saturday March 25th 1-5pm
- Open to everyone
- Free admission
- Food will be provided
- Fall Awards requirement replaced by TEE
- Will be pertinent in the Spring
- RSVP: <https://goon.gatortrax.net/forums/1/48/GH8HS6xrd1>

Electee Requirements

- Attend 3 out of 4 general body meetings + at least 1 social
- Complete 6 hours of community service with Tau Beta Pi, at least 3 of which must be GatorTRAX
- Attend Electee-Only social (Last Thursday)
- If you missed it, you will need to attend one additional service event
- Pay one-time \$100 dues by TONIGHT (Venmo: TBP_FL_A)
- Attend Initiation (Nov 18th, 5:30PM, CSE E121)
- Business formal attire required

Graduation Stoles

- All Forms and Payments due by Meeting 5
- Rent
- Active: \$22 (\$20 refund)
- Inactive: \$40 (\$20 refund)
- Purchase
- Active: \$20
- Inactive: May not purchase stoles
- <https://goon.gatortrax.net>



Service Events

- Street Clean-Up
- November 13, 2016 9:00 AM to 12:00 P.M
- (Meet @ Commuter Lot)



TEE

- Record tickets, get service hours!
- New requirement for Best Electee and Active Membership Awards!
- One Button Studio @ Library West Room 142
- Process:
 - Sign up on apple form: <https://goon.gatortrax.net>
 - 1) Sign up on apple form
 - 2) Create a summary of your tribunal for approval
 - 3) After approval, go to One Button Studio with TEE's Disposition to get recording



Electee Awards

- Best Electee
- Must attend one extra service event, and help with TEE to be eligible
- Best Bent
- Bents will be passed out with shirts after you have paid dues
- Judged by best semester's winner, Fidel
- Bent polishing social will be held Thursday before initiation
- Both winners will receive \$50 prize!



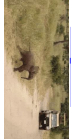
Active Membership Status

- Member Meeting + Candidate Election + Officer Election + non-meeting event (i.e. social, service, etc).
- Meeting excuse permitted if Member Coordinator, Ryan St. advance. Non-meeting event will not be excused.
- We ask that you make up a missed meeting by attending another meeting.
- Stop by our TBP office to pick up your certificate and pin!



Service Events

- Two Tails Ranch Elephant Service Project **NOV. 6th!**
- Meet in the Commuter Lot no later than 9:15am!
- Max of 18 people, please sign-up soon
- Sign up: <https://goon.gatortrax.net/forums/1/48/GH8HS6xrd1>
- Sign up by Thursday November 3rd
- <https://www.facebook.com/tau.beta.pi>
- <https://www.instagram.com/tau.beta.pi>
- <https://www.linkedin.com/company/tau-beta-pi>
- <https://www.youtube.com/channel/UC1X0XWUE3GnbiG8EN32C8T2RZ23A>
- <https://www.tumblr.com/tau-beta-pi>



TEE - Example Tutorial Clip!



Clocktower Committee

- Sign up: <https://go.alfornis.z83skrk6UKLlba2>
- 2 faces on clocktower
- Finalize preliminary designs



Grad School Mini-Talks

- Maddie Scullo
Electrical engineering
- Surya Dhulipala
Electrical engineering



Simulation Physics

- 5.001 problem set: Hydrogen and Helium (10.0003)
- 5.001 problem set: Hydrogen and Helium (10.0003)
- neutral surface site
 - hydrogen ion
 - other ions

| Field Simulation | Cellular | RF Technology | Thermal/Thermochemical Transport |
|------------------|------------------------------|--------------------------|----------------------------------|
| Electrostatics | Signal Integrity | RF propagation | 3-D finite element |
| Electromagnetics | Electromagnetic Interference | Antenna radiation design | Material properties |
| Thermodynamics | Thermal management | Material properties | Material properties |

Simulation Physics: Chemical Reactions

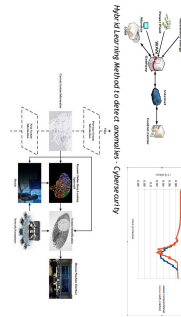
- Simulated ambient air using the surface/kinetics using site binding model for oxides, S, Leve and A.L. Smith, for hydrogen ions interacting with an irradiated gate
- $(1) [S - OH] = [S - OH] + H^+$
 $(2) [S - OH] = [S - OH] + H^+$
 $(3) K[S - OH] = [S - OH] + \frac{d}{dt} [S - OH] = 0$
 $(4) K[S - OH] = [S - OH] + \frac{d}{dt} [S - OH] = 0$
 $(5) [S - OH] = N - [S - OH]$
- neutral surface site, S-OH
- hydrogen ion, H⁺
- Sodium (Na), Chlorine (Cl)
- Hydrogen (H₂) and another negative charge (A⁻)

Smart Grid & Cybersecurity

- Surya C. Dhulipala



Soft Control of Loads in Emergency Situation



Brain Challenge

- Work individually, think creatively!
- Member or Candidate with most correct answers this semester will receive a prize at the Banquet!
- Submit worked out responses by Friday, November 18th: brainchallenge@tau-beta-pi.com
- Turn in at Field's office (hours: Tuesday 9:30am - 5pm) / Mail 278.



Challenge 3



On my last birthday, I received a present packed in a rectangular box, 10 cm by 20 cm by 30 cm. I was told that the box contained a ribbon that I could use to wrap the box. The ribbon that I received was 100 cm long. I was told that I should use the ribbon to wrap the box in such a way that the total length of ribbon on each face being at least 1 cm. What is the shortest ribbon that meets these requirements?
Express your answer accurate to three decimal places.



Follow Us on Social Media!

- Keep up to date on all things TBP:
- Facebook: <https://www.facebook.com/ufhpa>
- Instagram: ufhpa



Please sign in!



- Next Meeting: Meeting #5
- Tuesday, Nov 15th at 7:20 PM in LIT 109
- Thank you :-)



UF Herbert Wertheim College of Engineering
 School of Electrical Engineering
 3160 Billings Hall, Room 207
 Gainesville, FL 32611-1600
 352-392-1000

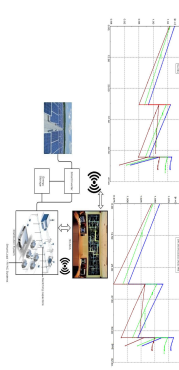
Fundamental Modeling and Simulation of AlGaIn/GaN High Electron Mobility Transistor pH Sensing Technologies

Maddie Scullo

UF Herbert Wertheim College of Engineering
 School of Electrical Engineering
 3160 Billings Hall, Room 207
 Gainesville, FL 32611-1600
 352-392-1000

Transistor Review & Sensors Applications

Centralized Control to Improve Power Quality



Master List of Dates

| Event | Date | Time | Location |
|----------------------------------|---------|--------------------|----------|
| Sign-up for Membership Year 2016 | 8/22/16 | 5:00 PM - 7:00 PM | LIT 109 |
| Sign-up for Membership Year 2016 | 8/22/16 | 7:00 PM - 9:00 PM | LIT 109 |
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| Sign-up for Membership Year 2016 | 8/22/16 | 5:00 AM - 7:00 PM | LIT 109 |
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| Sign-up for Membership Year 2016 | 8/22/16 | 9:00 PM - 11:00 PM | LIT 109 |
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| Sign-up for Membership Year 2016 | 8/22/16 | 9:00 PM - 11:00 PM | LIT 109 |
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| Sign-up for Membership Year 2016 | 8/22/16 | 9:00 PM - 11:00 PM | LIT 109 |
| Sign-up for Membership Year 2016 | 8/22/16 | 11:00 PM - 1:00 AM | LIT 109 |
| Sign-up for Membership Year 2016 | 8/22/16 | 1:00 AM - 3:00 AM | LIT 109 |
| Sign | | | |

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 12

New

Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Fall General Body Meeting #5

Date(s) of Project: 11/15/2016

Project area: Community/ Liberal Culture University/ College Profession/ Engineering Chapter/ Social Education/ Professional Development

Number of persons who participated in this project

Members: 22

Electees: 37

Average number of hours per person spent on this project

Organizing: 2.5

Participating: 1

I. General Description:

This was the fifth and final general body meeting of the Florida Alpha Chapter of Tau Beta Pi.

II. Purpose & Relationship to Objectives of TBP:

The purpose was to provide the final details leading up to the initiation ceremony to be held later in the week. Electees were reminded of their requirements for initiation and informed of any final opportunities to meet those requirements. The members were reminded of the officer elections meeting that will take place at the end of the month. A recruiting session by a representative of Stanford University's graduate programs was advertised for the following week.

III. Organization & Administration: (in conjunction with another group? Yes No)

The meeting was run by the officers, as usual. The Recording Secretary created the agenda, which was sent to be printed at Target Copy. The President created the PowerPoint presentation and each officer was responsible for updating their own slides. The Recording Secretary created the sign in sheet. The GatorTRAX Coordinator, Maddie Scullo, ran the meeting because she has demonstrated interest in running for President in the upcoming April officer elections.

IV. Cost & Personnel Requirements:

\$100 for pizza. \$10 for printing the Agendas (Black and White, double-sided and stapled).

V. Special Problems:

No problems to report.

VI. Over-all Evaluation/Results (Be Specific):

The meeting was held on time and was well-paced. All final questions regarding initiation were answered clearly.

VII. Index of Exhibits:

Members in Attendance: John Barta, Shannon Brown, Ryan Dargan, Alyssa Egnew, Fidel Esquivel Estay, Michael Everette, Maggie Fettis, Daniel Fuenmayor, Troy Heinzmann, Adam LeMay, Felipe Lenz, Kenneth McIntyre, Mark McNeely, Catherine Miney, Travis Satiritz, Benjamin Schwaller, Maddie Sciallo, Thomas Scruggs, Michael Shang, Anderson Sheets, Chad Spreadbury, Ryan St. Pierre, Josh Wagner, Colton Weimerskirch, Jennifer Yoder.

Electees in Attendance: Samuel Armington, Daniel Barkley, Kevin Barta, Daniel Beach, Haley Bross, Leah Carol, Kathleen Dreyer, Wisam Fares, Jorge Figueras, Reagan Fuhr, Trevor Garlinghouse, Aaron Giles, Carlos Gonzalez, Max Greene, Leah Hines, Frederick Hodgin, Apoorv Jain, Henry Judson, Venkata Surya Chaitanya Kolluru, Jia Leong, Brianna Malcolm, Parker McBryde, Nathan Miller, Anna Montgomery, Miguel Morales, Dominick Mulder, Lauren Northrup, Ankit Patel, Glendon Plumton, Royce Reyes, Sydney Shivers, Lance Smith, Brian Sokol, Douglas Steinbach, Nicholas Verrire, Razvan Vesa, Kyle Vu, Lin Yuan.

Agenda:

- I. Last Week In Tau Beta Pi**
- II. Electee Requirements**
 - a.** Attend 3 out of 4 general body meetings + at least 1 social
 - b.** Complete 6 hours minimum of community service with Tau Beta Pi (3 of those hours must be GatorTRAX)
 - c.** Complete interview p
 - d.** Attend Electee-Only social p
 - e.** Pay one-time \$100 dues TONIGHT
 - f.** Attend initiation (Nov 18th, 5:30 PM, CSE E121). **Business formal attire required.**
- III. Electee Awards**
 - a.** Best Electee
 - i. Must attend one extra service event, and help with TEE to be eligible
 - b.** Best Bent
 - i. Bents will be passed out with shirts after you have paid dues
 - ii. Judged by last semester's winner, Fidel
 - iii. Bent polishing social will be held Thursday before initiation
 - C.** Both winners will receive \$50 prize!!
- IV. Initiation Coordinator**
 - a.** Initiation will be in CSE E121 at 5:50 P.M.
 - b.** Dress is business professional.
 - c.** Bring your bent!
- V. Banquet Coordinator**
 - a.** RSVP IS CLOSED
 - b.** Friday November 18th 8-10pm (following Initiation) at The Warehouse Restaurant
 - c.** ****Please arrive by 7:50pm****

- d. Attire is semi-formal
- e. Contact Ryan Dargan for guest payments
- VI. Graduation Stoles**
 - a. All Forms and Payments due by Meeting 5
 - b. Rent
 - i. -Active: \$22 (\$20 refund)
 - ii. -Inactive: \$40 (\$20 refund)
 - c. Purchase
 - i. -Active: \$20
 - ii. -Inactive: May not purchase stoles
 - d. <https://goo.gl/tythpQ>
- VII. Active Membership Status**
 - a. Attend Member Meeting, Meeting 3, and Officer Elections + one other non-meeting event
 - b. Excuse permitted if Member Coordinator, Ryan St. Pierre (rcstpierre@ufl.edu), receives them 24 hours in advance. Non-meeting event will not be excused.
 - c. We ask that you make up a missed meeting by attending another meeting.
 - d. Stop by our TBP office to pick up your certificate and pin!
- VIII. Active Member Scholarship**
 - a. \$250 scholarship awarded based on how active you are in the chapter
 - b. Additional requirement: attend 1 TEE session
 - c. Application: <https://goo.gl/forms/4Di2ypZoEUrUT4cF3>
 - d. Due a week from tonight, on November 8th at 11:59 P.M.
- IX. TEE**
 - a. Record tutorials, get service hours!
 - b. **New requirement for Best Electee and Active Membership Awards!**
 - c. One Button Studio @ Library West Room 142
 - d. Process:
 - i. Sign up on google form: <https://goo.gl/UTCZGm>
 - ii. Write up a script to be reviewed for approval: <https://goo.gl/itmrejE>
 - iii. After approval, go to One Button Studio with TEE Chairperson to get recording!
- X. Clocktower Committee**
 - a. Sign up: <https://goo.gl/forms/z8kskgtK6UKfLjBe2>
 - b. 2 faces on clocktower
 - c. Testing components to be used in final design.
- XI. Grad School Mini-Talks**
- XII. Brain Challenge**
 - a. Work individually, think creatively!
 - b. *Member or Candidate* with most correct answers this semester will receive a prize at the Banquet!
 - c. Submit worked out responses by **Friday, November 18th:**

- i. Scan and email to tbpfla.initiation@gmail.com
- ii. Turn in at Fidel's office hours (Tuesdays 3pm-4pm) Weil 278
 - d. Challenge 3: On my last birthday, I received a present packed in a rectangular box, 10 cm by 20 cm by 30 cm. The box was wrapped by an inelastic continuous loop of very narrow ribbon that crossed all six faces at least once, held in place with transparent tape, with the total length of ribbon on each face being at least 1 cm. What is the shortest ribbon that meets these requirements? Express your answer accurate to three decimal places.

XIII. Master List of Dates

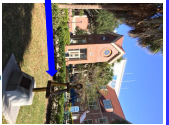
Slides:

TBP Meeting #5

November 15, 2016
7:20PM
LT 109

Electee Awards

- Best Electee
- Must attend one extra service event, and help with TEE to be eligible
- Best Banquet
- Banqueting social this Thursday at 3:00pm, outside West Hall by the clocktower
- Both winners will receive \$50 prize!



Active Membership Status

- **Member Meeting + Candidate Election + Officer Election + non-meeting event (i.e. social, service, etc).**
- Meeting excuse permitted if Member Coordinator, Ryan St. Pierre (rstpierre@ufl.edu) receives them 24 hours in advance (rstpierre@ufl.edu)
- We ask that you make up a missed meeting by attending another meeting.
- Stop by our TBP office to pick up your certificate and pin!



Clocktower Committee

- Sign up: <https://go.gd/forms/283sk9rKXKJLlbe2>
- 2 faces on clocktower
- Testing components to be used in final designs



Last Week in Tau Beta Pi



Empower Service

Shrimp Noodle Banquet

Initiation Coordinator

- Initiation will be in CSE E121 at 6pm (arrive by 5:30pm)
- Dress is business professional
- Bring your beret!



Active Member Scholarship

- \$250 scholarship awarded based on how active you are in the chapter
- Application: <https://go.gd/TAAEWK>
- Due on November 8th at 11:59pm



Electee Requirements

- Attend 3 out of 4 general body meetings + at least 1 social
- Complete 6 hours of community service with Tau Beta Pi, at least 3 of which must be GatorTRAX
- Attend Electee-Only social
 - If you missed it, you must complete 2 additional service hours
- Pay one-time \$100 dues (not refundable)
- Attend Initiation (Nov 18th, 5:30PM, CSE E121)
- Business formal attire required



Banquet Coordinator

- RSVP IS CLOSED
- Friday November 18th 6-10pm (following initiation) at The Warehouse Restaurant
- Please arrive by 7:30pm
- Attire is Semi-Formal
- Contact Ryan Banquet for guest payments



TEE

- Record tickets, get service hours!
- New requirement for Best Electee and Active Membership Awards!
- One Button Studio @ Library West Room 142
- Process:
 - 1) Sign up on google form: <https://go.gd/UTCCGM>
 - 2) Create a summary of your story for approval: <https://go.gd/ATLHMC>
 - 3) After approval, go to One Button Studio with TEE Champion to get recording!



Grad School Mini-Talks



Thomas Scroggs
Aerospace Engineering



Electee Requirements

- Please double check that you have met all of the requirements before attending initiation by checking the [Progress Tracker](#)
- There is still time to meet your remaining requirements! Please come talk to Ben or Michael if you are struggling. We are here to help!



Graduation Stoles

- All Forms and Payments due by heading 5 Feet
- Active: \$22 (\$20 refund)
 - Inactive: \$40 (\$20 refund)
- Purchase
- Active: \$20
 - Inactive: May not purchase stoles
- <https://go.gd/AMKUD>

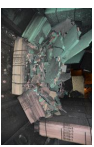
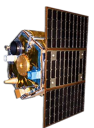


Food Drive

- 20 cans of food = 2 hours of service event
- Drop cans during office hours by 4pm on Friday, Nov 18th

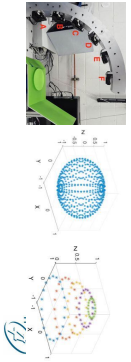


DebrisSat



DebrisSat

Average Cross-Sectional Area of large fragments



Follow Us on Social Media!

Keep up to date on all things TBP:
 Facebook: <https://www.facebook.com/ufbtp>
 Instagram: ufbtp



Brain Challenge

- No new Challenges today. Previous challenges are still open until Thursday 11/17 at 11:59pm.
- Member or Candidate with most correct answers this semester will receive a prize at the Banquet!



Please sign in!



Next Meeting: Meeting #5
 Tuesday, Nov 15th at 7:20 PM in LIT 109



Thank you :)



Stanford University
 Recruiting Event (TBP
 Members Only)

Monday, November
 21st at 3pm in the
 Fitz Union (Room
 TBA)



Master List of Dates

| Year | November 15 | November 16 | November 17 | November 18 | November 19 | November 20 | November 21 | November 22 | November 23 | November 24 | November 25 | November 26 | November 27 | November 28 | November 29 | November 30 |
|------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 2016 | | | | | | | | | | | | | | | | |
| 2017 | | | | | | | | | | | | | | | | |
| 2018 | | | | | | | | | | | | | | | | |
| 2019 | | | | | | | | | | | | | | | | |
| 2020 | | | | | | | | | | | | | | | | |
| 2021 | | | | | | | | | | | | | | | | |
| 2022 | | | | | | | | | | | | | | | | |
| 2023 | | | | | | | | | | | | | | | | |
| 2024 | | | | | | | | | | | | | | | | |
| 2025 | | | | | | | | | | | | | | | | |
| 2026 | | | | | | | | | | | | | | | | |
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| 2028 | | | | | | | | | | | | | | | | |
| 2029 | | | | | | | | | | | | | | | | |
| 2030 | | | | | | | | | | | | | | | | |



The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 13

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Fall Benton Engineering Council Meetings

Date(s) of Project: 8/29, 9/12, 9/26, 10/10, 10/24, 11/7, 11/21/2016

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 1

Electees: 0

Average number of hours per person spent on this project

Organizing: 0

Participating: 1

I. General Description:

Tau Beta Pi is one of the many engineering societies that participates in the Benton Engineering Council (BEC) umbrella organization, which oversees all of the societies in the Herbert Wertheim College of Engineering. BEC controls funding for engineering societies and requires at least 1 representative from each society to attend all of the general body meetings. These representatives then report back to their societies on updates and events going on in the Herbert Wertheim College of Engineering.

II. Purpose & Relationship to Objectives of TBP:

It is important that Tau Beta Pi participates in such an umbrella organization to inform the Herbert Wertheim College of Engineering about the many events our society hosts and stimulate interest in becoming a TBP member.

III. Organization & Administration: (in conjunction with another group? Yes No)

Participation is in conjunction with the University of Florida Benton Engineering Council.

IV. Cost & Personnel Requirements:

No costs. The BEC-Representative serves a two-semester term and is elected every year during officer elections in the spring.

V. Special Problems:

No problems were encountered.

VI. Over-all Evaluation/Results (Be Specific):

Overall, the general body meetings ran smoothly, punctually, and always provided a printed agenda.

Valuable information was shared between all of the different societies in the Herbert Wertheim College of Engineering. By being a part of BEC, Tau Beta Pi maintains good standing within the College of Engineering and informs potential members of the opportunities of being a Florida Alpha Tau Bate.

VII. Index of Exhibits:

Members in Attendance: Adam LeMay

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 14

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Fall Brain Challenge

Date(s) of Project: 09/20—11/16/2016

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 18

Candidates: 0

Average number of hours per person spent on this project

Organizing: 1

Participating: 2

I. General Description:

Every General Body Meeting, we give out one Brain Challenge, a puzzle or a challenge that is supposed to be solved using simple math, logic, and physics. The members and electees are invited to submit their answers to our Initiation Coordinator. The one with the most correct answers receives an award during the initiation banquet and a \$25 gift card to Starbucks.

II. Purpose & Relationship to Objectives of TBP:

The Brain Challenges are supposed to make our members think of creative solutions to difficult problems and become more engaged with the chapter by submitting their answers to our initiation coordinator.

III. Organization & Administration: (in conjunction with another group? Yes No)

The challenges were selected and presented during the General Body Meetings by the Initiation Coordinator. The Treasurer approved the purchase of the Starbucks gift card, which was handed out at the fall initiation banquet with an award certificate.

IV. Cost & Personnel Requirements:

The Brain Challenge cost was \$25.

V. Special Problems:

No special problems encountered, but more members should be motivated to participate and submit more answers.

VI. Over-all Evaluation/Results (Be Specific):

The series of puzzles and challenges was a success. Members appreciated and had fun submitting their

responses. The winner for the Fall 2016 semester Brain Challenge was Maddie Sciuillo (“the Brainiest”) and she received a \$25 Starbucks gift card and an award certificate.

VII. Index of Exhibits:

Members in Attendance:

Challenge #1: Maddie Sciuillo.

Challenge #2: Maddie Sciuillo.

Challenge #3: Maddie Sciuillo.

Electees/Candidates in Attendance:

Challenge #1: N/A.

Challenge #2: Royce Reyes, Brian Sokol.

Challenge #3: N/A.

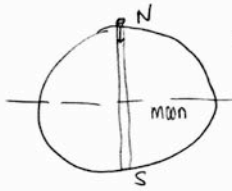
Challenges:

#1: Suppose the moon had a hole along its axis and an astronaut dropped a golf ball at its north pole. What would be the ball’s speed (km/h) as it passed the center of the moon on its way to the South Pole? Assume the moon is a perfect sphere with a radius of 1,737 km, a uniform specific gravity of 3.346, and frictionless travel of the ball. Use $G = 6.674 \times 10^{-11} \text{ m}^3 / \text{kg s}^2$.

#2: If Bill’s age in years is appended to Alice’s age, the resultant four-digit integer is a perfect square. The same thing will be true thirteen years from now. What are Bill’s and Alice’s ages?

#3: On my last birthday, I received a present packed in a rectangular box, 10 cm by 20 cm by 30 cm. The box was wrapped by an inelastic continuous loop of very narrow ribbon that crossed all six faces at least once, held in place with transparent tape, with the total length of ribbon on each face being at least 1 cm. What is the shortest ribbon that meets these requirements?
Express your answer accurate to three decimal places.

Sample of submitted answers:



Find ball's speed at center
(km/hr)

given: $r = \cancel{1737} 1,737 \text{ km}$

$g_s = 3.346$

$G = 6.674 \times 10^{-11} \text{ m}^3/\text{kg s}^2$

$g_s = \frac{m_{\text{object}}}{m_{\text{moon}}}$

$sv = t$

$v_f^2 = v_i^2 + 2ad$

$v_f^2 = 0 + 2(0.00163 \text{ km/s}^2)(1737 \text{ km})$

$v_f = \sqrt{5.66262}$

$v_f = 2.37963 \text{ km/s}$

convert seconds to hrs

$\frac{60 \text{ s}}{1 \text{ min}} \cdot \frac{60 \text{ mins}}{1 \text{ hr}} = \frac{3600 \text{ s}}{\text{hr}}$

$v_f = 2.37963 \frac{\text{km}}{\text{s}} \cdot \frac{3600 \text{ s}}{\text{hr}}$

$v_f = 8566.65 \text{ km/hr}$

Free Body Diagram



$F = ma = \overset{\text{unknown}}{m} g_s$

$F = \frac{G M m}{R} = mg$

Mass of moon = $7.3476 \times 10^{22} \text{ kg}$

$g = \frac{6.674 \times 10^{-11} \frac{\text{m}^3}{\text{kg s}^2} \cdot 7.3476 \times 10^{22} \text{ kg}}{(1,737 \text{ km})^2}$

$g = \frac{4.9037 \times 10^2 \text{ m/s}^2}{(1737 \text{ km})^2}$

units

$\text{m}^3 \rightarrow (10^{-3} \text{ km})^3$

10^{-9} km^3

$g = \frac{4.9037 \times 10^3 \text{ km}^3/\text{s}^2}{(1737 \text{ km})^2}$

~~$g = 0.00163 \text{ km/s}^2$~~

$g = 0.00163 \text{ km/s}^2$

One example of the answers submitted to Challenge #1.

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 15

New

Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Fall Active Member Scholarship

Date(s) of Project: 11/18/2016

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 5

Candidates: 0

Average number of hours per person spent on this project

Organizing: 1

Participating: 2

I. General Description:

Members who met the requirements for Active Membership this semester had the opportunity to fill out a short application for a \$250 scholarship from the chapter. The recipient was to be chosen based on involvement in the chapter, academic success, and professional ambitions. Because the applications were very good and competitive, the scholarship application review committee decided to split the scholarship in 2 and award \$125 check to two FL-A members. The recipients for the scholarship for the Fall semester were Travis Satiritz and Maddie Scullio, the chapter Historian/Service Coordinator, and GatorTRAX Coordinator, respectively.

II. Purpose & Relationship to Objectives of TBP:

The purpose of the scholarship is to provide incentives for members who have put in considerable effort and shown dedication to TBP.

III. Organization & Administration: (in conjunction with another group? Yes No)

This award was budgeted at the beginning of the semester, organized by the chapter President and Vice President, and presented at the end of semester banquet. The scholarship application review committee consisted of the President, Vice President, and Graduate Coordinator (Felipe Lenz, Michael Shang, and Shannon Brown, respectively).

IV. Cost & Personnel Requirements:

This award was funded through the chapter bank account.

V. Special Problems:

No special problems encountered.

VI. Over-all Evaluation/Results (Be Specific):

The award was a success. Two dedicated and hard working officers were awarded for their efforts and were very grateful to be recognized.

VII. Index of Exhibits:

Members in Attendance: Shannon Brown, Felipe Lenz, Travis Satiritz, Maddie Sciullo, and Michael Shang.

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 16

New

Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Fall Initiation Ceremony

Date(s) of Project: 11/18/2016

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 17

Electees: 56

Average number of hours per person spent on this project

Organizing: 3

Participating: 2

I. General Description:

The event was the bi-annual initiation ceremony to convert electees into members for the Florida Alpha Chapter. This semester, there were a total of 56 electees!

II. Purpose & Relationship to Objectives of TBP:

The purpose of the event was to initiate electees into the Tau Beta Pi FL-A chapter.

III. Organization & Administration: (in conjunction with another group? Yes No)

The Initiation Coordinator organized the event and a practice run through. Roles were filled by 9 other officers one chapter advisor and a district director. Another officer took photos before and after the ceremony, and during the banquet celebration

IV. Cost & Personnel Requirements:

There were no costs for either the chapter or the electees. Initiation materials were all current and operable; the room was reserved at no cost through the school.

V. Special Problems:

One electee missed the initiation ceremony and didn't become a member. About 30 minutes before the ceremony one officer accidentally dropped the light box that controlled the electric candles and it became non-functional. As a chapter we used our back-up flashlights to illuminate the reading materials during the initiation procedure. The ceremony went smoothly after that. The initiation coordinator will be responsible for fixing or getting a replacement for the light box for the next initiation.

VI. Over-all Evaluation/Results (Be Specific):

Despite the initial set-back, the ceremony went smoothly. All roles were performed very well and professionally. The room accommodated the event well; all electees and members in attendance

participated when required.

VII. Index of Exhibits:

Members in Attendance: Alyssa Egnew, Felipe Lenz, Michael Shang, Daniel Fuenmayor, Shannon Brown, Ryan Dargan, Travis Satiritz, Benjamin Schwaller, Michael Everette, Chad Spreadbury, Catherine Miney, Troy Heinzmann, Thomas Scruggs, Fidel Esquivel, Chad Spreadbury, Maddie Sciuлло, Colton Weimerskirch.

Electees in Attendance: Yanfang Ao, Samuel Armington, Daniel Barkley, Kevin Barta, Daniel Beach, Joshua Benjamin, Haley Bross, Gabriela Buraglia, Sheila Capote, Leah Carol, Justin Cohen, Kathleen Dreyer, Wisam Fares, Jorge Figueras, Reagan Fuhr, Trevor Garlinghouse, Aaron Giles, Carlos Gonzalez, Max Greene, John Gregory, Leah Hines, Frederick Hodgins, Apoorv Jain, Amanda Johnson, Emma Johnson, Henry Judson, Chaitanya Kolluru, Erin Kolman, Jia Leong, Miranda Lochner, Tobias Lodemann, Brianna Malcolm, Parker McBryde, Nathan Miller, Katrina Milliser, Anna Montgomery, Miguel Morales, Dominick Mulder, Lauren Northrup, Ankit Patel, Glendon Plumton, Harry Reid, Royce Reyes, Felicia Sedwick, Kevin Shan, Sydney Shivers, Lance Smith, Brian Sokol, Douglas Steinbach, Thomas Truchement, Natalie Vaughn, Nicholas Verrire, Razvan Vesa, Kyle Vu, Ryan Wicks, Lin Yuan.

Advisors in Attendance: Michael Griffis

Alumni Tau Beta Pi in Attendance: Jason Abellada, Josuan Hilerio

Photos of the event:



FL-Alpha officer team, alumni, and District 5 Director.



Group picture showing all newly-initiated fall members, officers, advisors, and alumni.

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 17

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Fall 2016 Banquet

Date(s) of Project: 11/18/2016

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 42

Electees: 0

Average number of hours per person spent on this project

Organizing: 20

Participating: 2

I. General Description:

The Banquet is a formal dinner at The Warehouse Restaurant following initiation each semester. During the banquet, awards are presented and speakers are invited to speak. At the banquet multiple awards are given out including: Best Bent, Best Electee, Best Member, Best Officer, Brain Challenge Winner, and the Active Member Scholarship.

II. Purpose & Relationship to Objectives of TBP:

The purpose of this event is to celebrate the initiation of the new members in the Fall 2016 semester, and to encourage socialization between new and old members.

III. Organization & Administration: (in conjunction with another group? Yes No)

The Banquet Coordinator organized the event by booking the venue, collecting RSVPs and meal choices, inviting and confirming speakers, purchasing gifts and desserts, and preparing programs. 59 people were expected to attend, 50 showed up.

IV. Cost & Personnel Requirements:

In total the event cost was \$1,777.49. The banquet coordinator was not able to attend, so the GatorTRAX coordinators volunteered to run the even instead. The President hosted the banquet and presented awards. The speakers were both Tau Beta Pi advisors, Dr. Mike Griffis (FL-A) and Josuan Sanchez (PR-A), and they each gave 10 minute speeches.

V. Special Problems:

There was a problem with the venue where the venue thought we had ordered salads when we hadn't. Thankfully the owner waived the cost. Also many attendees forgot what dish they had gotten and it caused some people to get the wrong dish. Food came out a little late so the schedule was

moved around slightly

VI. Over-all Evaluation/Results (Be Specific):

Besides the aforementioned problems the banquet went well. Everyone enjoyed the food and events.

VII. Index of Exhibits:

Members in Attendance: Colton Weimerskirch, Travis Satiritz, Benjamin Schwalle, Fidel Esquivel, Maddie Sciuillo, Ryan Dargan, Daniel Fuenmayor, Chad Spreadbury, Michael Shang, Thomas Scruggs, Leah Carol, Samuel Armington, Jorge Figueras, Aaron Giles, Trevor Garlinghouse, Jia Leong, Apoorv Jain, Miguel Morales, Alyssa Egnaw, Glendon Plumton, Venkata Surya Chaitanya Kolluru, Wisam Fares, Daniel Barkley, Gabriela Buraglia, Adriana Henao, Joshua Benjamin, Kyle Vu, Reagan Fuhr, Henry Judson, Erin Kolman, Emma Johnson, Max Greene, Lance Smith, Ankit Patel, Nicholas Verrire, Tobias Lodemann, Natalie Vaughn, Miranda Lochner, Catherine Miney, John Gregory, Mike Griffis, Josuan Sanchez.

Pictures:



Our chapter chief advisor, Dr. Griffis, sits with our alumnus Jason and newly-initiated member during banquet.



Our newly-initiated FL-Alpha members enjoy dinner together.

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 18

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Fall Snapchat Filter

Date(s) of Project: 11/18/2016

Project area: Community/ Liberal Culture University/ College Profession/ Engineering Chapter/ Social Education/ Professional Development

Number of persons who participated in this project

Members: 1

Electees: 0

Average number of hours per person spent on this project

Organizing: 1

Participating: 6

I. General Description:

We created an on-demand Snapchat filter to be used before and after the initiation ceremony and during the spring banquet, following the initiation.

II. Purpose & Relationship to Objectives of TBP:

The Snapchat geo-filters were created to engage Tau Beta Pi members with the UF community. Snapchat is a widely used mobile app, which provides its users with different filters that can be added onto their pictures based on their location. The app uses the user's phone GPS to know which geofilters to show. This is not only a fun way to get members involved, but also to improve the image of Tau Beta Pi on campus. Any person on snapchat during our time window and within our location "geofence" is eligible to see the Tau Beta Pi app.

III. Organization & Administration: (in conjunction with another group? Yes No)

The President designed the filter using Illustrator CS6 software. The bent image was downloaded from Tau Beta Pi's website (<https://www.tbp.org/off/graphics.cfm>). The geo filter was saved as a transparent PNG and uploaded directly to Snapchat's on-demand geofilter website (<https://www.snapchat.com/on-demand>)

IV. Cost & Personnel Requirements:

Each geofilter costed \$5. The President, who chose not to be refunded, paid the total of \$10 for both filters.

V. Special Problems:

None to report

VI. Over-all Evaluation/Results (Be Specific):

This was the first time we created a Tau Beta Pi Snapchat geofilter. Our members and officers really enjoy using them, and we will keep this tradition going for the next years! A total of 2,407 swipes were registered! Which means that the Tau Beta Pi bent was seen at least 2,407 times in the span of 6 hours—truly remarkable improvement on our chapter image!

VII. Index of Exhibits:

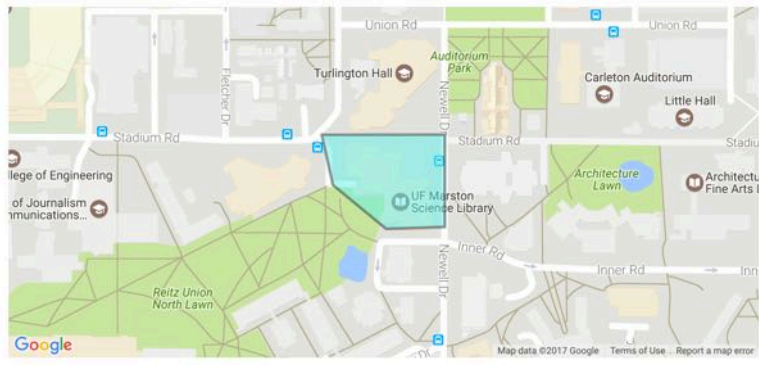
Members in Attendance: Impossible to know all who used the filter.

Pictures using the filter:



(Left) Some of our officer team and members pose for a selfie using the TBP Snapchat filter! (Right) Our President and Vice-President pose with our Chief Advisor (Dr. Mike Griffis), our District 5 Director (Josuan Helerio), and our FL-A almun Jason Abellada.

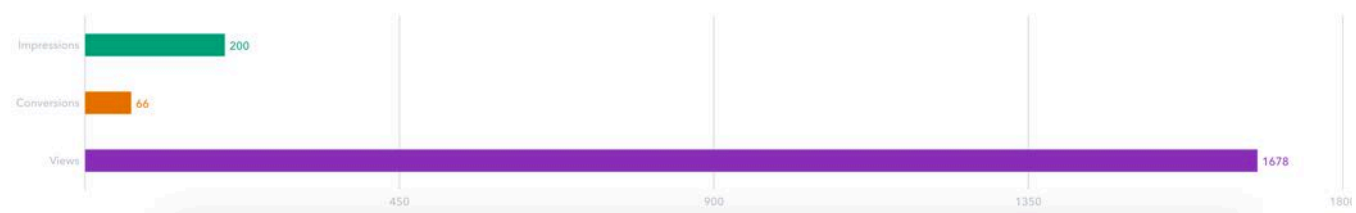
Tau Beta Pi initiation



Details

- Your Geofilter has completed its run.
- Start Time: November 18, 2016 4:00 PM EST
- Date Ending: November 18, 2016 8:00 PM EST
- Cost: \$7.44 USD
- Area Covered: 127,596 Sq Ft
- Date Submitted: November 18, 2016 9:23 AM EST
- Order ID: 9693d96e-a046-4ada-af8d-28827a1c2bcc

Metrics



Details on the initiation snapchat filter. A total of 1,678 views were computed during the 4 hour long filter!

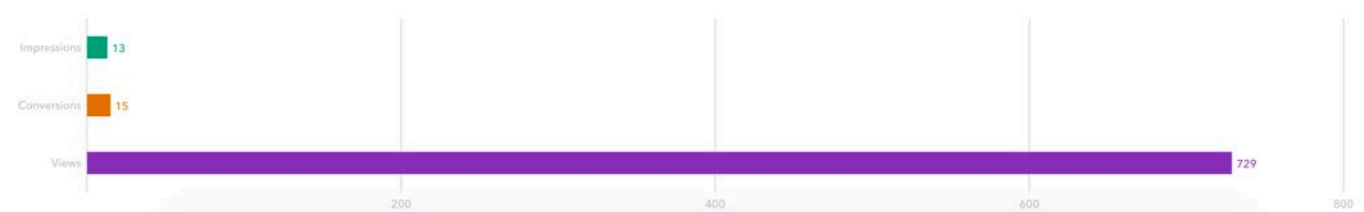
Tau Beta Pi Banquet



Details

- Your Geofilter has completed its run.
- Start Time: November 18, 2016 8:00 PM EST
- Date Ending: November 18, 2016 10:00 PM EST
- Cost: \$5.00 USD
- Area Covered: 62,914 Sq Ft
- Date Submitted: November 18, 2016 9:26 AM EST
- Order ID: de31a71a-1fa7-4bfb-b856-dfd436dcd5f5

Metrics



Details on the banquet snapchat filter. A total of 729 views were registered during the 2-hour long filter!

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 19

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Fall Officer Elections

Date(s) of Project: 11/29/2016

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 72

Candidates: 0

Average number of hours per person spent on this project

Organizing: 1

Participating: 2

I. General Description:

This meeting was held in order to elect new officers for available positions for the following spring semester. These positions are all semester-long, the year-long positions are opened up at the end of the spring semester.

II. Purpose & Relationship to Objectives of TBP:

The purpose of this was to fill in open positions for the officer board of the Florida Alpha chapter. This chapter prides itself in its level of activity, and a critical component of that is having a large, well-organized, and active team of officers leading it and organizing all events related to Tau Beta Pi. It is one of the most effective ways for members to be active and involved in the organization, and make an impact that in turn leads to a meaningful experience as a member.

III. Organization & Administration: (in conjunction with another group? Yes No)

The session was set up by the officers of Tau Beta Pi. The Vice-President Reserved the room, the Social Coordinators bought pizza, and the President served as the Chair of Elections. Each member up for election had 1 minute to give a speech. The Recording Secretary was responsible for taking the attendance.

IV. Cost & Personnel Requirements:

\$100 for pizza.

V. Special Problems:

This was a long meeting and towards the end, members started to leave. We still had sufficient quorum, however, and all positions were filled.

VI. Over-all Evaluation/Results (Be Specific):

The officer elections were held without a hitch. All positions were filled, including two co-chairs to help lead our newest tutoring initiative.

VII. Index of Exhibits:

Members in Attendance: Samuel Armington, Daniel Barkley, Kevin Barta, John Barta, Daniel Beach, Joshua Benjamin, Haley Bross, Shannon Brown, Gabriela Buraglia, Leah Carol, Justin Cohen, Kathleen Dreyer, Alyssa Egnaw, Fidel Esquivel Estay, Michael Everette, Scott Fenton, Margaret Fettis, Jorge Figueras, Maddy Fuchs, Trevor Garlinghouse, Aaron Giles, Nikita Goldfarb, Carlos Gonzalez, Carla Guidi Azarola, Troy Heinzmann, Leah Hines, Frederick Hodgins, Apoorv Jain, Amanda Johnson, Erin Kolman, Adam LeMay, Felipe Lenz, Jia Leong, Dana Lobmeyer, Miranda Lochner, Tobias Lodemann, Brianna Malcolm, Kenneth McIntyre, Nathan Miller, Katrina Milliser, Catherine Money, Madeleine Monfort, Jacob Montgomery, Miguel Morales, Dominick Mulder, Lauren Northrup, Ankit Patel, Glendon Plumton, Mary Regan, Harry Reid, Royce Reyes, Travis Satiritz, Ben Schwaller, Maddie Sciuillo, Thomas Scruggs, Felicia Sedwick, Michael Shang, Anderson Sheets, Sydney Shivers, Brian Sokol, Chad Spreadbury, Ryan St. Pierre, Douglas Steinbach, Thomas Truchement, Natalie Vaughn, Nicholas Verrire, Razvan Vesa, Colton Weimerskirch, Jennifer Yoder, Lin Yuan.

Result of Elections:

Vice-Presidents of Electees: Jessica Matthews and Nathan Miller

Graduate Coordinator: Shannon Brown

Service Coordinators: Travis Satiritz and Ankit Patel

Social Coordinators: Anderson Sheets and Felicia Sedwick

Communications Chair: Leah Carol

Webmaster: Trevor Garlinghouse

TEE Chair (Videos): Royce Reyes

TEE Chair (Live Tutoring): Brianna Malcolm

Member Coordinator: Catherine Miney

Alumni Coordinator: Chad Spreadbury

Corporate Relations Chair: Douglas Steinbach

Banquet/Awards Coordinator: Justin Cohen

Initiation Coordinator: Razvan Vesa

FE Reviews Coordinator: Frederick Hodgins

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 20

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Fall Officer Transition Meeting

Date(s) of Project: 12/01/2016

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 18

Candidates: 0

Average number of hours per person spent on this project

Organizing: 1

Participating: 2

I. General Description:

The outgoing officers met with their corresponding incoming officers for each position to fill out Officer Transition Reports and provide any other necessary resources and advice to help the incoming officers take over the responsibilities of their position. The meeting is only required for incoming or outgoing officers.

II. Purpose & Relationship to Objectives of TBP:

This meeting is held each semester to ensure a smooth transition between officer teams so that regular chapter operations and events continue to occur and that officers have the tools they need to succeed in their responsibilities.

III. Organization & Administration: (in conjunction with another group? Yes No)

The event was organized by the President and held in a classroom.

IV. Cost & Personnel Requirements:

The event incurred no cost to the chapter.

V. Special Problems:

No special problems encountered.

VI. Over-all Evaluation/Results (Be Specific):

The event was a success. New officers were provided the information they needed to begin planning for the spring semesters and were able to ask questions to clear up remaining uncertainties about the responsibilities of their positions.

VII. Index of Exhibits:

Members in Attendance: Leah Carol, Justin Cohen, Fidel Esquivel Estay, Trevor Garlinghouse, Felipe Lenz, Brianna Malcolm, Kenneth McIntyre, Nathan Miller, Catherine Miney, Royce Reyes, Benjamin Schwaller, Felicia Sedwick, Michael Shang, Anderson Sheets, Chad Spreadbury, Ryan St. Pierre, Douglas Steinbach, Razvan Vesa.

Chapter Operations

Spring 2017

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 21

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Spring Advisory Board Meeting

Date(s) of Project: 01/05/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 3

Electees: 0

Average number of hours per person spent on this project

Organizing: 1

Participating: 1

I. General Description:

The Advisory Board Meeting is held during the first week of the semester to discuss chapter goals and upcoming events. The Board consists of the President, Vice President, Corresponding Secretary, and alumnus advisors.

II. Purpose & Relationship to Objectives of TBP:

The purpose of the Advisory Board Meeting is to keep the advisors informed of chapter activities, as well brainstorm ideas for improvement for the upcoming year.

III. Organization & Administration: (in conjunction with another group? Yes No)

The President organized the meeting by emailing all Advisory Board members. The President reserved the MAE-B 210 conference room through the MAE Department (<http://www.mae.ufl.edu/myMAE/RoomReservations>). This room is available at no cost to the chapter. The meeting took place at 7:30 AM to accommodate everyone's schedules. The distance advisor participated in the meeting via Skype.

IV. Cost & Personnel Requirements:

All Advisory Board members were required to attend. There was no cost associated with the meeting.

V. Special Problems:

Two advisors were unable to attend. However, they were updated via emails from the President.

VI. Over-all Evaluation/Results (Be Specific):

The meeting was a success. Advisors approved the changes to the budget and bylaws and were informed about important upcoming dates. There were also some exciting ideas proposed for the

remainder of the year.

VII. Index of Exhibits: LEAVE BLANK

Members in Attendance: Felipe Lenz, Michael Shang, Adam LeMay

Advisors in Attendance: Meghan Ferrall, Mike Griffis

Agenda:

XIV. Welcome back!

XV. Introductions

- a. Advisors
- b. Executive Board
- c. Overview of elected officers

XVI. Last Year's statistics

- a. 56 new members were initiated
- b. 4 GatorTRAX sessions organized with other student organizations
- c. 6 Service Events
- d. 105 cans of food collected during our Thanksgiving Food Drive
- e. 15 Social Events
- f. 3 New Corporate Sponsors (Intel, Accenture, CH2M)
- g. 12 New elected officers

XVII. Convention awards

- a. Kiersten Wang was selected as one of the 2016-2017 TBP Laureates
- b. Best Chapter Project Award (\$500)
- c. Chapter Excellence Award

XVIII. Budget Overview

- a. Meetings, social, service (same as last year's)

XIX. Candidate letter

XX. Officer Retreat: Barbecue at Lake Wauburg October 15, 10 am

XXI. Graduate student 5-10 talk at the end of all meetings

XXII. GatorTRAX

- a. Sessions will be held with other student organizations again.

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 22

New

Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Spring Officer Meeting #1

Date(s) of Project: 01/10/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 21

Electees: 0

Average number of hours per person spent on this project

Organizing: 1

Participating: 2

I. General Description:

First officer meeting of the semester, only officers attended. Each officer introduced themselves (Name, Major, Year, Officer Position(s), Fun thing you did this summer); Each officer was informed of his/her budget for the semester; The President informed the officers of the Expectations/Guidelines/Project Reports/Electee Requirements/Upcoming events; Officer Retreat was announced; Leah Carol and Douglas Steinbach were assigned to create a Newsletter to be sent to our Alumni following initiation; Razvan was assigned to buy a new light switch for the initiation ceremony, Service, Social, and GatorTRAX chairs were asked to schedule all their events as soon as possible; Officers picked up and paid for their officer polos; All officers helped stuffing the eligibility letters that will be mailed to the parents of the spring 2017 candidates.

II. Purpose & Relationship to Objectives of TBP:

The purpose was to establish a relationship with all Tau Beta Pi officers and state the goals of the organization, as well as announce all planned events and opportunities.

III. Organization & Administration: (in conjunction with another group? Yes No)

The corresponding secretary had the eligibility letter to be sent to the parents signed by Dr. Taylor (Dean of Student Affairs); The president submitted that letter to be photocopied 520 times; The president organized the meeting, picked up the envelopes that were ordered in the prior week; The corresponding secretary printed the labels for the letters; the Vice President submitted a reservation for the room.

IV. Cost & Personnel Requirements:

The president wrote the Agenda and created a Google Form to take attendance.

V. Special Problems:

There were no problems associated with this event. The VP booked an excellent room at the Reitz Union.

VI. Over-all Evaluation/Results (Be Specific):

This was a successful meeting. Next Officer meeting will be hosted in February.

VII. Index of Exhibits:

Members in Attendance: Shannon Brown, Leah Carol, Justin Cohen, Trevor Garlinghouse, Frederick Hodgin, Felipe Lenz, Brianna Malcolm, Jessica Matthews, Nathan Miller, Catherine Miney, Ankit Patel, Royce Reyes, Travis Satiritz, Madeline Sciuillo, Thomas Scruggs, Felicia Sedwick, Michael Shang, Anderson Sheets, Chad Spreadbury, Douglas Steinbach, Razvan Vesa, Colton Weimerskirch.

Electees in Attendance: N/A.

Agenda:

- I. **Welcome Back and Introductions**
 - a. Name, Major, Year, Officer Position(s), Fun thing you did over the break
- II. **Budget Review**
 - a. The budget for my position, _____, is \$ _____
 - b. Email budget expenditures with receipts to Ryan Dargan within ONE WEEK of your event.
- III. **Office Hours**
 - a. Office hours begin Monday, January 23rd
 - b. Please choose one period time slot per week
 - c. Info session: Please choose one info session to attend (Must attend at least one of the two info sessions)
- IV. **Officer Guidelines**
 - a. Attendance
 - i. **Your attendance is expected at EVERY meeting.** Please email me at least 24 prior with a valid reason if you cannot attend.
 - ii. You are expected to attend one social, service, and E-Future event of your choice. PLEASE be as active as possible!
 - b. Office hours
 - i. Can't go to your office hour? Email the Communications Chair and Webmaster with the change. You are required to give at least 24-hours notice if at all possible!
 - c. Officer Updates
 - i. Short 40 minute meeting every other week.
 - ii. Poll: Should we host officer meeting right after our General Body Meetings (GBM) or do it in the weekends between GBM?
 - d. "This Week in Tau Beta Pi" – Submit your events to Recording Secretary for the

week by the Sunday before at 2pm.

- e. List Serv Emails and short website tutorial (uftbp.com officer FAQ)
- f. Emails and Email Forwarding
 - i. Please respond to TBP related emails within **24 hours**.
- g. Communications Chair shall send a reminder on the day of GBMs.

V. Officer Retreat

- a. BBQ! Poll: Lake Wauburg or Woodlands?
- b. January 14th 11am-2pm

VI. Project Reports

- a. Project Reports and typed attendance sheets are due within **ONE WEEK** of your event. Please TAKE PICTURES at your event!
- b. Show where to upload project report
 - i. One copy goes to: **"Home -> YOUR OFFICER POSITION -> 2016-2017 -> Project Reports"** and the second copy should be uploaded to: **"Home -> 2016-2017 > Project Reports -> Spring 2017 -> YOUR FOLDER"**
- c. All project reports must include a picture
 - i. Shannon's Project Report example
- d. Project reports will be graded and will used to award best officer

VII. To-Do immediately:

- a. **All officers:** Interested in running for President? Send me an email
- b. **Razvan Vesa:** Buy a new light switch for initiation (contact HQ)
- c. **Trevor:** Update website (include Citrix logo)
- d. **Adam:** E-Week plan (dates/supplies/volunteers)
- e. **Ryan:** Pi Run plan (location/t-shirt design/volunteers)
- f. **Leah+Dougie:** Alumni Newsletter (include all our corporate sponsors+last semester stats+initiation picture)
- g. **Anderson+Felicia:** Social dates (less 21+ only socials, more breakfast clubs)
- h. **Maddie+Colton:** GatorTRAX plan (dates/topics/partners/locations)
- i. **Travis+Ankit:** Service dates (dates/types of event)
- j. **Michael:** E-Futures advertising plan
- k. **Fred:** FE Reviews plan (dates/materials/professors/cost)
- l. **Shannon:** Grad school mini-talks schedule

VIII. Electee Requirements

- a. Candidate vs. Electee (Candidate before Meeting 3, electee after Meeting 3)
- b. Paperwork: Application, Interview Form, Interview, and Graduate Form
- c. 6 hours of service (One GatorTRAX session for 3 of those hours)
- d. 1 social
- e. 3 out of 4 meetings (Not required to attend Meeting 3)
- f. Electee-Only Social
- g. Catalog Card: National Copy
- h. \$ 100 Dues

- i. Best Electee: Additional Social, E-Futures, 3 extra service hours
- IX. **Newsletter for Alumni**
 - a. Format, frequency, quick brainstorm
- X. **Officer Polos**
 - a. \$20/officer, paid to Ryan.
- XI. **Upcoming Dates/Events**
 - a. Officer Retreat: Sat., Jan. 14, 11:00am
 - b. Member Meeting/Citrix info session: Tuesday, Jan. 17, 7:20pm
 - c. Information Sessions: Tuesday, Jan. 24, 12:50pm & 7:20pm
 - d. Meeting #1 Tuesday, Jan. 31, 7:20pm
 - e. District Conference: Apr. 1-2, Atlanta, GA
 - f. Banquet and Initiation: Friday, Mar. 31st, 6:00pm
 - g. **Master List of Dates:** Hosted Google Documents, displayed on website. Update with new events, times and locations!
- XII. **Letter Stuffing**
- XIII. **Open Discussion/Officer headshots**

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 23

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Spring Member Meeting

Date(s) of Project: 01/17/2017

Project area: Community/ Liberal Culture University/ College Profession/ Engineering Chapter/ Social Education/ Professional Development

Number of persons who participated in this project Members: 72 Electees: 0

Average number of hours per person spent on this project Organizing: 1 Participating: 2

I. General Description:

A preliminary meeting at the beginning of the spring semester for Tau Beta Pi officers and members only. This meeting is held prior to sending the eligibility emails to the new candidates.

II. Purpose & Relationship to Objectives of TBP:

The purpose of this was to bring all members of Tau Beta Pi up to speed on the general plans for the spring semester. Service and social events were announced. The requirements for active membership and all benefits to membership, including eligibility for an active member scholarship or the Tau Beta Pi Fellowship, were stated at the meeting. Furthermore, a virtual recruiting session was held on behalf of Citrix, in order to help foster professional opportunities for members of Tau Beta Pi. It was also stressed that since spring semesters typically see a smaller pool of candidates (and therefore electees), active participation is especially needed from members of the chapter.

III. Organization & Administration: (in conjunction with another group? Yes No)

The session was set up by the officers of Tau Beta Pi. The Recording Secretary wrote the meeting agendas, the President revised it and sent it to be printed. The Vice President reserved the room, the Social Coordinators ordered the pizzas. Citrix, our newest Platinum corporate sponsor (\$800/year), gave a tech talk through video conference and aimed to recruit FL-Alpha Tau Bates for their full-time positions in consulting and sales Engineering.

IV. Cost & Personnel Requirements:

\$110 for pizza, \$8 for agendas.

V. Special Problems:

None to report.

VI. Over-all Evaluation/Results (Be Specific):

The meeting was a success, with 47 members and 25 officers in attendance.

VII. Index of Exhibits:

Members in Attendance: Felipe Lenz, Daniel Fuenmayor, Ryan Dargan, Travis Satiritz, Maddie Sciullo, Leah Carol, Jessica Matthews, Shannon Brown, Emily Ferradaz, Nathan Miller, Razvan Vesa, Haley Bross, Ankit Patel, Justin Cohen, Max Greene, Ryan St. Pierre, Royce Reyes, Jorge Figueras, Kathleen Dreyer, Ryan Scheinkman, Douglas Steinbach, Alyssa Egnew, Thomas Truchement, Lauren Northrup, Carlos Gonzalez, Sydney Shivers, Maddy Fuchs, Scott Fenton, Troy Heinzmann, Gabrielle Paredes, Parker McBryde, Frederick Hodgins, Thomas Scruggs, Gabriela Buraglia, Dana Lobmeyer, Jia Long, Adithya M Devraj, Surya Chandan Dhulipala, Michael Hallenstein, Felicia Sedwick, Miranda Lochner, Anna Montgomery, Brian Sokol, Trevor Garlinghouse, Carla Guidi Azarola, Amanda Johnson, Jacob Montgomery, Tobias Lodemann, Kasandra Gilley, Daniel Barkley, Margaret Fettis, Dominick Mulder, John Barta, Kevin Barta, Josh Wagner, Catherine Miney, Adam LeMay, Anderson Sheets, Michael Shang, Kyle Vu, Reagan Fuhr, Joshua Benjamin, Madeleine Montfort, Erin Kolman, Leah Hines, Paige Bohana, Colton Weimerskirch, Mark McNeely, Adriana Henao, Daniel Beach, Sam Armington, Brianna Malcolm, Julian Rey.

Electees in Attendance: N/A.

Agenda:

- I. **Officer Introductions**
 - a. Name, Major, Year, Officer Position(s)
- II. **Citrix Info Session**
 - a. <https://global.gotomeeting.com/join/882321973>
- III. **Active Membership**
 - a. Requirements
 - i. Member Meeting: tonight
 - ii. Candidate Election (Meeting 3): February 28 at 7:20 PM (CSE E119)
 - iii. Officer Elections: April 4 at 7:20 PM (room TBD)
 - iv. Attend at least one other non-meeting event (social, service, GatorTRAX, etc.)
 - v. More is more! Feel free to come to more than one event!
 - b. Benefits
 - i. Discounts
 - ii. Networking opportunities
 - iii. Active Member Scholarship
 - iv. More likely to get a TBP fellowship or scholarship
- C. Meeting excuse permitted if Member Coordinator, Catherine Miney (ceminey@ufl.edu), receives them 24 hours in advance. Non-meeting event will not

- be excused.
 - d. We ask that you make up a missed meeting by attending another meeting.
- IV. Active Member Scholarship**
 - a. \$250 scholarship awarded based on how active you are in the chapter
 - b. Additional requirement of attending 1 E-Futures session
 - c. Application: <https://goo.gl/forms/IKhsvNo5ovqDjxBW2>
 - i. Due on Monday, March 27th at 11:59 PM
- V. Service Events**
 - a. Street Clean-Up (9am - 12pm)
 - b. Sunday January 29th
 - c. February 19th
 - i. (Subject to change)
 - d. March 26th
 - e. Elephant Sanctuary Service Event (TBA)
 - f. Field and Fork Pantry Food Drive
 - g. Alachua County Humane Society Puppy Social (TBA)
- VI. GatorTRAX**
 - a. 3 Saturdays & 2 Weekdays
 - b. Saturdays: Feb. 11th (IEEE), Feb. 18th
 - c. (Pi Tau Sigma), March 18th (AIChE)
 - d. Weekdays - week of Feb. 6th & week of March 26th
 - e. Sign Up: <https://goo.gl/HNeBCv>
- VII. Socials**
 - a. Beer Social #1: Brass Tap
 - i. Wed, 1/18 @ 9PM
 - b. Reitz Union Game Room
 - i. Wed, 1/25 @
 - c. Two leagues open at the moment:
 - i. Softball (2/22-4/19)
 - ii. Dodgeball (3/20-4/17)
 - d. More may open
 - e. Email tbpfla.socials@gmail.com if you're interested in a league
- VIII. Engineering Futures**
 - a. Module: Group Process
 - i. Date: 03/25/2017
 - ii. Saturday
 - iii. 1:00pm-5:00pm
 - b. Location: TBA
 - c. Food will be provided.
 - d. RSVP below:
 - i. <https://tbp.coursestorm.com/course/fl-a-group-process>

- IX. **FE Review Sessions**
 - a. Mostly set for October 3rd-13th, but we will likely go into the week of October 17th-21st.
 - b. Final schedule by the next meeting.
- X. **Info Session**
 - a. Show up if you can to encourage new candidates to join our chapter!
 - b. Info session #1: Tuesday, Sep 13th at 12:50 PM in TBD
 - c. Info session #2: Tuesday, Sep 13th at 7:20 PM in LIT 109
- XI. **Upcoming Dates/Events**
 - a. Officer Retreat: Sat., Jan. 14, 11:00am
 - b. Member Meeting/Citrix info session: Tuesday, Jan. 17, 7:20pm
 - c. Information Sessions: Tuesday, Jan. 24, 12:50pm & 7:20pm
 - d. Meeting #1 Tuesday, Jan. 31, 7:20pm
 - e. District Conference: Apr. 1-2, Atlanta, GA
 - f. Banquet and Initiation: Friday, Mar. 31st, 6:00pm
 - g. **Master List of Dates:** Hosted Google Documents, displayed on website. Update with new events, times and locations!
- XII. **TEE**
 - a. Record tutorials, get service hours!
 - b. One Button Studio @ Library West Room 142
 - c. Process:
 - i. Sign up on google form: <https://goo.gl/UTCZGm>
 - ii. Create a summary of your tutorial for approval: <https://goo.gl/itmriE>
 - iii. After approval, go to One Button Studio with TEE Chairperson to get recording!
 - d. Elaboration of research mini-talks
- XIII. **Clocktower Committee**
 - a. 2 sides of Clocktower outside of Weil are complete, we are working on the other 2 sides
 - b. Email Thomas if interested in helping out: scruggsta@ufl.edu
- XIV. **Master List of Dates**
- XV. **Resume Workshop**
 - a. Learn some Do's and Don'ts
 - b. 30 minute presentation followed by individual critique and questions.
 - c. Any interest?
- XVI. **Please Sign In!**
 - a. Follow us on Instagram and like us on Facebook to keep up to date on all things TBP!
- XVII. **Next Meeting: Meeting #1 - Tuesday, Sep 20th at 7:20 PM in LIT 101**

Photos:



Slides:

TBP Member Meeting

Welcome back!
January: 17, 2017
7:20 PM
CSE E119

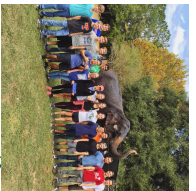
Active Membership

- Meeting excuse permitted if Member Coordinator, Catherine Mirey (cmirey@tda.edu), receives from 24 hours in advance. Not missing event will not be excused.
- We ask that you make up a missed meeting by attending another event!



Service Events

- Elephant Sanctuary Service
- Field and Fork Pantry, Food Drive
- Anderson County Humane Society Pantry Social (TBA)



Engineering Futures

- Module: Group Process
- Date: March 25, 2017
- Saturday
- 10:30pm-5:00pm
- Location: TBA
- Food will be provided.
- RSVP below:



Officer Introductions



Name, Major, Year, Officer position



\$10,000 TBP Fellowship

- Deadline is 11:59 P.M. EST February 1.
- Recommendations are due 11:59 P.M. EST February 8.
- Fellowships are restricted to initiated members who are **undergraduate seniors or begin graduate studies no earlier than January 2017.**
- Must be U.S. citizen or Permanent Resident
- Fellows are awarded **\$10,000** stipend in ten monthly payments beginning in August.
- More info available at: <https://www.tbp.org/fellowships>



Citrix Info Session

<https://social.administration.tda.edu/2016/02/23/>



Active Member Scholarship

- **All active members are eligible**
- No citizenship restrictions
- \$250 scholarship awarded based on how active you are in the chapter
- Additional requirement: Attend the March 25th E-Futures session
- Application: <https://goa.gilforms/ks/svns5o5xdDkxwZ>
- **Due on Monday, March 27th at 11:59 PM**



Active Membership

- Requirements
 - Member Meeting tonight
 - Member Meeting: February 3, February 28 at 7:20 PM (CSE E119)
 - Officer Elections: April 4 at 7:20 PM (room TBD)
 - Attend at least one other non-meeting event (social, service, ASER FRAX, etc.)
 - Must be present (feel free to come to more than one event)
- Benefits
 - Discounts
 - Networking opportunities
 - Leadership
 - More likely to get a TBP Scholarship or Scholarship



Service Events

- Street Cleanup (9am - 12pm)
- Sundry January 25th
- February 19th
- (Subject to change)
- March 26th
- Meet at the computer lab



Socials pt. 2 Intramural Boogaloo

- Two leagues open at the moment:
 - Softball (2/22-4/19)
 - Dodgeball (3/20-4/17)

More may open
Email: tbpi.socials@gmail.com if you're interested in a league



GatorTRAX

- 3 Saturdays & 2 Weekdays

- Saturdays:
 - Feb. 11th (IEEE)
 - Feb. 18th (Tau Sigma)
 - Mar. 18th (AICHE)
- Weekdays: week of Feb. 6th & week of Mar. 26th
- Sign Up: <https://goa.gilforms/>



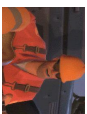
Socials

- Beer Social #1: Brass Tap
Wed, 1/18 @ 9PM
- Ratz Union Game Room
Wed, 1/25 @ 7pm



Info Session

- Show up if you can to encourage new candidates to join our chapter!
- Info session #1: Tuesday, Jan 24th at 12:50 PM in TBD
- Info session #2: Tuesday, Jan 24th at 7:20 PM in CSE E121



TEE

- Record tickets, get service hours!
- One Button Studio @ Library West Room 142
- Process:
 - 1) Sign up on google form: <https://goo.gl/1ZtZcn>
 - 2) Create a summary of your tutorial for approval: <https://goo.gl/1ZtZcn>
 - 3) After approval, go to One Button Studio with Elaboration of research materials



Clocktower Committee

- 2 slides of Clocktower outside of Well are complete, we are working on the other 2
- Email Thores if interested in helping out: scougasste@ufl.edu



Resume Workshop

- Learn some Do's and Don'ts
- 30 minute presentation followed by individual critique
- 10:00-11:00 AM
- Any interests?



Master List of Dates

| Month | Activity | Time | Location | Organizer |
|-------|------------|---------|------------------------|----------------|
| Jan | Meeting 1 | 5:00 PM | The Boarding House (M) | Chris Thompson |
| Jan | Meeting 2 | 5:00 PM | The Boarding House (M) | Chris Thompson |
| Jan | Meeting 3 | 5:00 PM | The Boarding House (M) | Chris Thompson |
| Jan | Meeting 4 | 5:00 PM | The Boarding House (M) | Chris Thompson |
| Jan | Meeting 5 | 5:00 PM | The Boarding House (M) | Chris Thompson |
| Jan | Meeting 6 | 5:00 PM | The Boarding House (M) | Chris Thompson |
| Jan | Meeting 7 | 5:00 PM | The Boarding House (M) | Chris Thompson |
| Jan | Meeting 8 | 5:00 PM | The Boarding House (M) | Chris Thompson |
| Jan | Meeting 9 | 5:00 PM | The Boarding House (M) | Chris Thompson |
| Jan | Meeting 10 | 5:00 PM | The Boarding House (M) | Chris Thompson |
| Jan | Meeting 11 | 5:00 PM | The Boarding House (M) | Chris Thompson |
| Jan | Meeting 12 | 5:00 PM | The Boarding House (M) | Chris Thompson |
| Jan | Meeting 13 | 5:00 PM | The Boarding House (M) | Chris Thompson |
| Jan | Meeting 14 | 5:00 PM | The Boarding House (M) | Chris Thompson |
| Jan | Meeting 15 | 5:00 PM | The Boarding House (M) | Chris Thompson |
| Jan | Meeting 16 | 5:00 PM | The Boarding House (M) | Chris Thompson |
| Jan | Meeting 17 | 5:00 PM | The Boarding House (M) | Chris Thompson |
| Jan | Meeting 18 | 5:00 PM | The Boarding House (M) | Chris Thompson |
| Jan | Meeting 19 | 5:00 PM | The Boarding House (M) | Chris Thompson |
| Jan | Meeting 20 | 5:00 PM | The Boarding House (M) | Chris Thompson |
| Jan | Meeting 21 | 5:00 PM | The Boarding House (M) | Chris Thompson |
| Jan | Meeting 22 | 5:00 PM | The Boarding House (M) | Chris Thompson |
| Jan | Meeting 23 | 5:00 PM | The Boarding House (M) | Chris Thompson |
| Jan | Meeting 24 | 5:00 PM | The Boarding House (M) | Chris Thompson |
| Jan | Meeting 25 | 5:00 PM | The Boarding House (M) | Chris Thompson |
| Jan | Meeting 26 | 5:00 PM | The Boarding House (M) | Chris Thompson |
| Jan | Meeting 27 | 5:00 PM | The Boarding House (M) | Chris Thompson |
| Jan | Meeting 28 | 5:00 PM | The Boarding House (M) | Chris Thompson |
| Jan | Meeting 29 | 5:00 PM | The Boarding House (M) | Chris Thompson |
| Jan | Meeting 30 | 5:00 PM | The Boarding House (M) | Chris Thompson |

Please sign in!

Follow us on Instagram and like us on Facebook to keep up to date on all things TBPI!

Next meeting:

Next Meeting: Meeting #1 - Tuesday, Jan 31st at 7:20 PM in CSE ET21

Thank you! :)



The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 24

New

Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Spring Information Sessions

Date(s) of Project: 01/17/2017

Project area: Community/ Liberal Culture University/ College Profession/ Engineering Chapter/ Social Education/ Professional Development

Number of persons who participated in this project

Members: 24

Electees: 29

Average number of hours per person spent on this project

Organizing: 1

Participating: 2

I. General Description:

Information sessions offered to new candidates to inform them on the processes and benefits involved in Tau Beta Pi membership.

II. Purpose & Relationship to Objectives of TBP:

The purpose of this was to welcome all new candidates for the Spring 2017 academic semester who were recently informed of their eligibility to the Florida Alpha chapter of Tau Beta Pi, due to their strong academic standing. The history of the organization, and the merits of the University of Florida's chapter, were explained in detail. Officers introduced themselves and their roles in running the chapter, and relayed information pertinent to the requirements for transition from candidacy, to electee status, to eventual membership.

III. Organization & Administration: (in conjunction with another group? Yes No)

Meeting was conducted as all member meetings are. We held one afternoon session (from 12:50 PM to 1:40 PM) and one evening session (from 7:20 PM to 8:10 PM) to accommodate candidates' schedules. The President edited the slides, the Vice President scheduled the rooms, the VPs of Electees edited the candidate handbook and sent it to the president to be printed, the recording secretary was responsible for taking attendance.

IV. Cost & Personnel Requirements:

\$170 for pizza (divided between the two sessions), \$20 for candidate handbooks (printed). Officers and members were asked to attend in order to help run the meeting and provide personal experiences with their membership to the candidates.

V. Special Problems:

None to report.

VI. Over-all Evaluation/Results (Be Specific):

The meetings were a success, with 29 candidates in attendance. Spring classes are historically low compared to fall. Increasing the number of successful new initiates is a goal of the chapter for this semester.

VII. Index of Exhibits:

Members in Attendance:

Afternoon session: Daniel Fuenmayor, Frederick Hodgins, Felipe Lenz, Jessica Matthews, Royce Reyes, Travis Satiritz, Thomas Scruggs, Michael Shang, Anderson Sheets, Doug Steinbach.

Evening session: Shannon Brown, Leah Carol, Justin Cohen, Ryan Dargan, Trevor Garlinghouse, Adam LeMay, Felipe Lenz, Brianna Malcolm, Nathan Miller, Catherine Miney, Ankit Patel, Madeline Sciallo, Felicia Sedwick, Chad Spreadbury, Razvan Vesa, Colton Weimerskirch.

Electees in Attendance:

Afternoon session: Jacob Amontree, Nicholas Barnes, Liam Carroll, Jonathan Chiputula, Mario Cortazar, Diego Gordon, Jose Guarin, Brian Habing, Shannon Hicks, Brian Kusnick, Alexander Leven, Soham Majumder, Lauren Medlin, Leslie Richardson, Austin Vera, Ziqi Xiao.

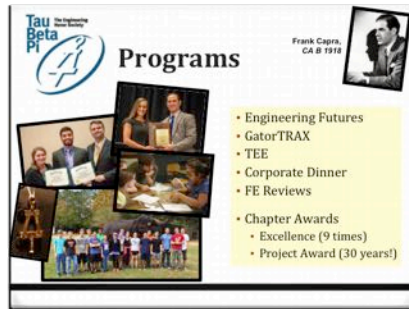
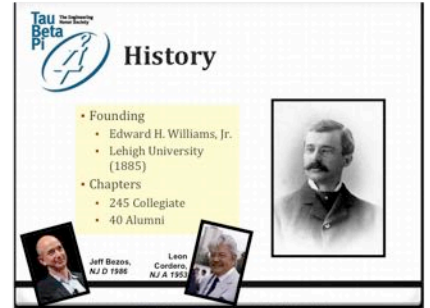
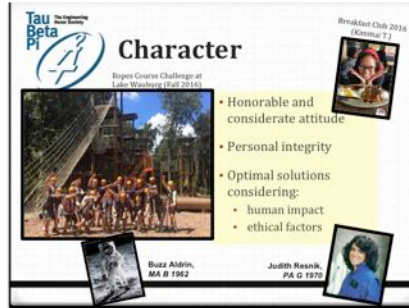
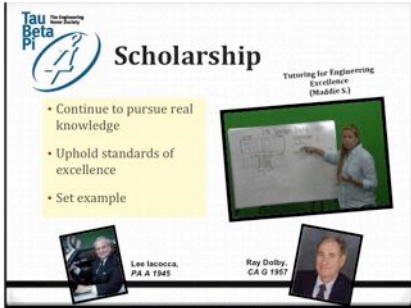
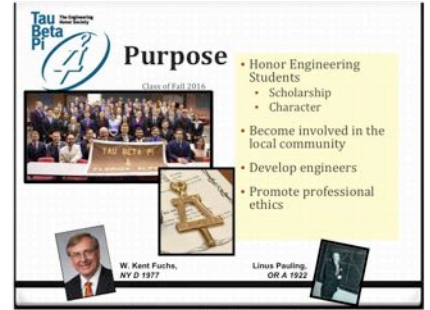
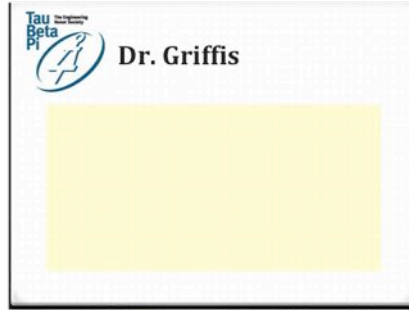
Evening session: James Bocinsky, Matthew Capriotti, Yantong Chen, Anlun Chen, Parker Evora, Charles Hernandez, Shreedevi Kumar, Morgan Leger, David Leonard, Gabriela Mayer, Jake Pistiner, Joseph Shafer, Marcus Spanolios, Victoria Steinnecker.

Advisors in Attendance:

Afternoon session: Dr. Mike Griffis

Evening session: Dr. Mike Griffis

Slides:



Tau Beta Pi TEE Results

Tutoring for Engineering Excellence

Classes Offered

- Calculus
- Physics
- Chemistry
- Devices
- Differential Equations
- Statics

Kenneth M.

Contact: Royce (videos) or Brianna (class) at thpteeuf@gmail.com

Tau Beta Pi Eligibility

Michael E. and Ben S. (former VPs of electees)

- Juniors (top 1/8th)
 - Started Summer '14, Fall '14, or Spring '15
- Seniors (top 1/5th)
 - Start Spring 2014 or prior, transferred in or before Summer 2015
- Graduate Students (top 1/5th)
 - 7EG-9EG
 - 50% of Coursework and Research Completed
 - See Shannon Brown (thgradcoordinator@gmail.com)

Seymour Cray, MN A 1949

Daniel Reneau, LA G 1963

Tau Beta Pi Electee Requirements

- Attend 3 of 4 general body meetings
 - Jan 31, Feb 14, Mar 14, Mar 28
 - Not required to attend Meeting 3
- Community Service (6 hours): GatorTRAX
- Attend one social
- Graduate Qual. Form - due Feb 8
- Informal Interview - Begin Thursday Jan 28, due at 5 pm on Feb 8
- Attend Electee Only Social
 - Pay dues - \$100 (one-time fee, due Meeting 4)
 - Initiation
 - Attendance is mandatory
 - Mar 31, 6:00pm

Cammy Abernathy, FL A 2015

Tau Beta Pi Fee Allocation

| National Fees | |
|---|----------------|
| Membership Key | \$7.35 |
| Membership Certificate | \$3.40 |
| Constitution, Information Booklet, and the Bulletin | \$3.90 |
| Four-year BENT Subscription | \$8.40 |
| Expense of Society | \$8.55 |
| National Convention Assessment | \$7.00 |
| Total National Fees | \$39.00 |

| Local Fees | |
|--|-----------------|
| Information Session | \$3.75 |
| Electee Process (Includes one Sandcast Bent) | \$6.70 |
| T-Shirt | \$3.80 |
| Socials | \$14.75 |
| Induction & Banquet - Dining & Room | \$23.00 |
| Local Operating Expenses | \$9.00 |
| Total Local Fees | \$61.00 |
| Total Fees | \$100.00 |

2016 Museum Social (Denny F.)

Michael Bloomberg, MD A 1964

Tau Beta Pi Benefits

- Leadership Opportunities
- Scholarships (\$2k), Fellowships (\$10k), Laureates (\$2.5k)
- Active Member Scholarships (\$250)
 - Best Electee
 - Best Bent
 - Best Member
 - Best Officer
- Chapter Awards
 - Networking
 - Discounts
 - Insurance (Geico)
 - Text Preparation/Education (FE Exam)

Active Member Scholars (Fall 2016)

Ernie Fletcher, KY A 1974

Tau Beta Pi Social Events

- Ropes Course
- Beer Nights
- Breakfast Club
- Trip to the Springs
- Game Nights
- Football Games
- Gymnastics Meet

Tau Beta Pi Service Events

- Habitat for Humanity
- Adopt-A-Street
- Relay for Life
- Elephant Sanctuary
- Puppy Social
- E-Week

First Service Event of this semester will be held this Saturday!

Tau Beta Pi This Is Tau Beta Pi

- Honor
 - Scholarship
 - Character
- Uphold professional ethics
- Friends, Fun, FL-Alpha
- Questions?

Jerry Yang, CA G 1990

David Filo, LA B 1988

Tau Beta Pi Master List of Dates

| Date | Event | Time | Location | Notes |
|------------------|-----------------------------|---------------------|---|----------------------|
| Tue January 24 | Information Session #1 | 12:00 PM | UF #113 | Officers, Candidates |
| Wed January 24 | Information Session #2 | 7:00 PM | CSSE #101 | Officers, Candidates |
| Wed January 25 | Neta Union Game Night | 7:00 PM | J. Wayne Hays Union - Game Room | All |
| Sun January 25 | Student Council 1 | 8:00 AM - 10:00 PM | Meet at the Commons Lobby, Bldg 101 | All |
| Tue January 27 | Meeting #1 | 7:00 PM | CSSE #101 | All |
| Tue January 31 | Meet Electee | 8:00 PM | Wash (University Ave) | All |
| Wed February 1 | Beer Social | 8:00 PM | The Brass Tap (200 Avenue Rd) | All |
| Fri February 3 | Shogging (Bent) | 8:00 PM - 12:00 PM | UF Astronomy Teaching Observatory | All |
| Sat February 3 | Shogging Club | 1:00 PM | TBD | All |
| Mon February 5 | GatorTRAX #1 (Bent) | TBD | Stephan Foster Middle School | All |
| Tue February 7 | Official Meeting #2 | 7:00 PM | J. Wayne Hays Union - Room 203B | Officers, Advisors |
| Wed February 7 | Oralists Presentation #1 | 8:00 PM | Email: dogwoodorator@gmail.com | Oralists, Candidates |
| Thurs February 9 | Oralists Candidate Social | 7:00-9:00 PM | | All |
| Sat February 11 | GatorTRAX #2 (Bent) | 10:00 AM - 12:00 PM | CSSE #101 | All |
| Sat February 11 | Shogging Club | 1:00 PM | TBD | All |
| Tue February 14 | Meeting #2 | 7:00 PM | CSSE #101 | All |
| Wed February 14 | Beer Social | 8:00 PM | The Brass Tap (200 Avenue Rd) | All |
| Sat February 16 | School #1 (Bent) for Region | 10:00 AM - 12:00 PM | | All |
| Sat February 16 | Shogging Club | 1:00 PM | TBD | All |
| Tue February 17 | Official Meeting #3 | 7:00 PM | J. Wayne Hays Union - Room 203B | Officers, Advisors |
| Wed February 22 | Neta Union Game Night | 7:00 PM | J. Wayne Hays Union - Game Room | All |
| Fri February 24 | Shogging (Bent) | 8:00 PM - 10:00 PM | UF Astronomy Teaching Observatory | All |

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 25

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Spring General Body Meeting #1

Date(s) of Project: 01/31/2017

Project area: Community/ Liberal Culture University/ College Profession/ Engineering Chapter/ Social Education/ Professional Development

Number of persons who participated in this project

Members: 41

Electees: 26

Average number of hours per person spent on this project

Organizing: 1

Participating: 2

I. General Description:

The first general body meeting of the Spring 2017, open to both members and candidates.

II. Purpose & Relationship to Objectives of TBP:

The purpose of this was to introduce the members to the new candidates for the semester, provide information on membership benefits, and guidelines for attaining electee status. Service, social, professional, and academic opportunities were presented.

III. Organization & Administration: (in conjunction with another group? Yes No)

The officers ran the meeting, as usual. The Recording Secretary created the agenda, which was sent to be printed at Target Copy. The President created the PowerPoint presentation and each officer was responsible for updating their own slides. The Recording Secretary created the sign in sheet.

IV. Cost & Personnel Requirements:

\$100 for pizza. \$10 for printing the Agendas (Black and White, double-sided and stapled).

V. Special Problems:

None to report.

VI. Over-all Evaluation/Results (Be Specific):

Strong turnout of active members and candidates. The meeting was successfully run. All officers were prepared for their presentations and the food arrived on time.

VII. Index of Exhibits:

Members in Attendance: Daniel Barkley, Shannon Brown, Leah Carol, Anlun Chen, Justin Cohen, Ryan

Tau Beta Pi

Florida Alpha Chapter

Dargan, Alyssa Egnew, Maddy Fuchs, Daniel Fuenmayor, Trevor Garlinghouse, Carlos Gonzalez, Max Greene, Carla Guidi Azarola, Michael Hallenstein, Leah Hines, Frederick Hodgins, Apoorv Jain, Emma Johnson, Adam LeMay, Felipe Lenz, John Leong, Brianna Malcolm, Jessica Matthews, Mark McNeely, Nathan Miller, Catherine Miney, Madeleine Monfort, Anna Montgomery, Ankit Patel, Glendon Plumton, Harry Reid, Royce Reyes, Travis Satiritz, Maddie Sciullo, Thomas Scruggs, Felicia Sedwick, Michael Shang, Chad Spreadbury, Douglas Steinbach, Razvan Vesa, Colton Weimerskirch, Lin Yuan.

Electees in Attendance: Jacob Amontree, Matthew Capriotti, Liam Carroll, Yantong Chen, Jonathan Chiputula, Erik Christiansen, Parker Evora, Jack Famiglietti, Douglas Gurra, Brian Habing, Charles Hernandez, Aryan Jebelli, Shreedevi Kumar, Brian Kusnick, Morgan Leger, Alexander Leven, Gabriela Mayer, Lauren Medlin, Aaron Murciano, Jake Pistiner, Leslie Richardson, Kaileigh Rock, Marcus Spanolios, Rinor Thaci, Zach Tveraas, Austin Vera, Michael Woc.

Agenda:

I. Electee Requirements

- i. Attend 3 of 4 general body meetings
 1. Jan 31, Feb 14, Mar 14, Mar 28
 2. Not required to attend Meeting 3
- ii. Community Service (6 hours): including at least once GatorTRAX (counts for 3)
- iii. Attend one social
- iv. Graduate Qual. Form – due Feb 8. See Shannon TONIGHT if this was missed.
- v. Informal Interview – due at 5 pm on Feb 28 (sign up here: <https://goo.gl/kChESx>)
- vi. Attend Electee Only Social
- vii. Pay dues - \$100 (one-time fee, due Meeting 4)
- viii. Initiation
 1. Attendance is mandatory
 2. Mar 31, 6:00pm

II. Active Membership

Requirements

- i. Member Meeting
- ii. Candidate Election (Meeting 3): February 28 at 7:20 PM (CSE E119)
- iii. Officer Elections: April 4 at 7:20 PM (room TBD)
- iv. Attend at least one other non-meeting event (social, service, GatorTRAX, etc.)
- v. More is more! Feel free to come to more than one event!

Benefits

- vi. Discounts
- vii. Networking opportunities
- viii. Active Member Scholarship
- ix. More likely to get a TBP fellowship or scholarship

Meeting excuse permitted if Member Coordinator, Catherine Miney (ceminey@ufl.edu), receives them 24 hours in advance. Non-meeting event will not be excused.

We ask that you make up a missed meeting by attending another meeting.

III. \$2,000/year TBP Scholarship

Applications are now open!

Deadline is 11:59 P.M. EST April 1.

Restricted to initiated members graduating on or after Dec. 2017.

Each full-year award is \$2,000 payable in two equal increments. Partial scholarships will be awarded \$1,000 in a single payment.

More info: <https://www.tbp.org/?scholars>

IV. Active Member Scholarship

All active members are eligible.

No citizenship restrictions.

\$250 scholarship awarded based on how active you are in the chapter

Additional requirement: Attend the March 25th E-Futures session.

Application: <https://goo.gl/forms/IKhsvNo5ovqDjxBW2>

- i. Due on Monday, March 27th at 11:59 PM

V. Service Events

Street Clean-Up (9am - 12pm)

- i. February 19th (Subject to change)
- ii. March 26th
- iii. Meet at the Commuter Lot at 8:45am

Project Makeover!

- iv. When: Saturday February 25th
- v. Tentative time: 11:30am - 2:30pm
- vi. Where: Stephen Foster Elementary School

Field and Fork Pantry Food Drive

- vii. Will run until April 1st
- viii. Bring donated items to office hours or GBM's
- ix. The Pantry is in need of grains, pasta, and proteins (Non-perishables)

Alachua County Humane Society Puppy Social (TBA)

Elephant Sanctuary Service Event (TBA)

VI. E-Fair

Monday, Feb. 21st & Tuesday, Feb. 22 from 9 A.M. to 3 P.M.

- i. Demos for elementary and middle school students
- ii. Looking for volunteers!
- iii. Table number is TBA

VII. GatorTRAX

2 Saturdays & 1 Monday

Saturday:

- i. Feb. 18th (Pi Tau Sigma)
- ii. March 18th (AIChE)

Monday:

- iii. Model Airplanes!
- iv. Mar. 27th, 11:30 A.M. to 12:35 P.M.

Sign Up: <https://goo.gl/h1oRtj>

VIII. Socials

Brass Tap Social (1/2 off drafts!)

- i. Archer Road, Brass Tap
- ii. Wed. 2/15 at 9 P.M.

Breakfast Club #2

- iii. Sat. 2/18 @ 1 P.M., Metro Diner – RSVP!

Intramurals leagues coming soon:

- iv. Sand Volleyball (2/22 – 4/19) – 9 players! Email by tonight at midnight if you are interested!
- v. Doubles Tennis league - 3 players so far! Registration closes 3/16.
- vi. Email tbpfla.socials@gmail.com if interested

IX. Engineering Futures

Module: Group Process

- i. Date: 03/25/2017
- ii. Saturday
- iii. 1:00pm-5:00pm

Location: TBA

Food will be provided.

RSVP below:

- iv. <https://tbp.coursetorm.com/course/fl-a-group-process>

X. FE Review Sessions

Updates to schedule will be sent out in weekly meetings and on the website.

Pricing for sessions will be announced when available.

XI. TEE

Record tutorials, get service hours!

One Button Studio @ Library West Room 142

Process:

- i. Choose an engineering topic to teach
- ii. Plan a short lesson
- iii. Sign up on google form: <https://goo.gl/UTCZGm>
- iv. After approval, go to One Button Studio with TEE Chairperson to get recording!

XII. Clocktower Committee

2 sides of Clocktower outside of Weil are complete, we are working on the other 2 sides

Email Thomas if interested in helping out: scruggsta@ufl.edu

XIII. Research Mini-Talk

XIV. Weekly Brain Challenge

The result of adding the date of the last Monday of last month and the date of the first Thursday of next month is 38. If both dates are in the same year, what is the current month?

Send answers to tbpfla.initiation@gmail.com

XV. Master List of Dates

XVI. Please Sign In!

Follow us on Instagram and like us on Facebook to keep up to date on all things TBP!

XVII. Next Meeting: Meeting #3 - Tuesday, Feb 28th at 7:20 PM in CSE E119

XVIII. Next Candidate Meeting: Meeting #4 – Tuesday, March 14th, 2017 in CSE E119

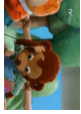
Slides:

TBP Meeting #1

January 31, 2017
7:25 PM
CSE E121

Elector Requirements

- Active member for 1 year
- Member until Feb 14, Mar 1, Mar 28
- Must be required to attend Meeting
- Cannot be a member of another TBP
- Count by 3
- Active member - due Feb 8
- Internal Member - due at 9 pm on Feb 28 (sign up here: <https://www.tbp.org/2017>)
- Attend Events Only Social
- Internal - \$100 (one's one fee, due Meeting 4)
- Internal - \$100 (one's one fee, due Meeting 4)
- Mar 27, 6:00pm



Active Membership (current members)

- Requirements
 - Member Meeting
 - Candidate Election (Meeting 3), February 28 at 7:20 PM (CSE E118)
 - Attend at least one other networking event (social, service, GatorTRAX, etc.)
 - More is more! Feel free to come to more than one event!
- Discourts
- Networking opportunities
- Active Member Scholarships
- More ways to get a TBP Membership or Scholarship



Active Membership

- Meeting excuse permitted if **Member Coordinator**, Catherine
- Excuse must be received from her in advance. Non-meeting event will not be excused.
- We ask that you **make up a missed meeting by attending another event!**



\$10,000 TBP Fellowship

- Deadline is 11:59 P.M. EST February 1
- Recommendations are due 11:59 P.M. EST February 8.
- Fellowships are restricted to initial members who are **undergraduate seniors or begin graduate studies** in 2017.
- Must be U.S. citizen or Permanent Resident
- Fellow are awarded \$10,000 stipend in ten monthly payments beginning in August
- More info available at: <https://www.tbp.org/fellowships>



\$2,000/year TBP Scholarship

- Applications are now open! **Deadline is 11:59 P.M. EST April 1**
- Restricted to published members
- Graduating on or after Dec. 2017
- Each fully-ear award is \$2,000 payable in two equal increments. Partial scholarships will be awarded \$1,000 in a single payment.
- More info: <https://www.tbp.org/scholarships>



Active Member Scholarship

- **All active members are eligible**
- No citizenship restrictions
- \$250 scholarship awarded based on how active you are in the chapter
- Additional requirement: Attend the March 25th E-Futures session
- Application: <https://go.glimck.us>
- **Due on Monday, March 27th at 11:59 PM**



Service Events

- Street Clean-Up (9am - 12pm)
- Sunday-Afternoon
- February 19th
- (Subject to change)
- March 28th
- Meet at the commuter lot at 8:45am



Service Events

- Project Makeover!
 - **When: Saturday, February 28th**
 - **Where: Stephen Crader Elementary School**
- **PROJECT MAKEOVER WAREND**
- **February 28th, 2017**
- **Warrend Elementary School**



Service Events

- Field & Fork Party Food Drive
 - Will run until April 1st
 - The Party is in need of grains, pasta, and proteins (Non-perishables)
- Elephant Sanctuary Service Event (TBA)
- Archduke County Humane Society Puppy Social (TBA)



E-Fair!

- **Monday Feb. 22 & Tuesday Feb. 23 from 8am-2pm**
- -Demos for elementary and middle school students
- -Looking for volunteers!
- -Table # is TBA



GatorTRAX

- **2 Saturdays & 2 Weekdays**
- Saturdays:
 - Feb. 11th (EEEE)
 - Feb. 18th (P Tau Sigma)
 - Mar. 18th (ACHIE)
- 2 Mondays! Model Airplanes!!!!
- **Feb. 6th & Mar. 27th 11:30am to 12:30pm**
- Sign Up: <https://go.glimck.us>



Socials

- Mochi Social
- **Univ. Ave. Right after Meeting #1**
- **Beer Social #2 (1/2 off all beer)**
- **Brass Tap, Wed, 21 @ 9pm**
- **Starazing Social**
- **Fri. 2/3 8:30-10pm, RSVP!!!!**
- **Breakfast CUD #1**
- **Sun. 2/5 @ 1pm, 4:30 Street Deli - RSVP!!!!**



Socials pt. 2 Intramural Boogaloo

- Leagues coming soon.
- **Social - Registration opens 2/8 and closes 2/15 @ 12pm (222-4119)**
- **Social #2 - Registration opens 2/15 and closes 2/15 @ 12pm (222-4119)**
- **Sand Volleyball - Registration opens 2/8 and closes 2/15 @ 12pm (222-4119)**
- **5-on-5 Basketball - Registration opened but will close 4/14 @ 12pm, season Doubles Tennis League - Registration opens 3/13 and closes 3/16 @ 12pm**
- Email brodie.societysocial.com if interested
- If you prefer a different sport email and we will see what is available



Engineering Futures

- Module: Group Process
- **Date: March 25, 2017**
- Saturday
- 1:00pm-5:00pm
- Location: TBA
- Food will be provided.
- RSVP below: <https://go.glimck.us>
- <https://go.glimck.us/course/13-group-process>



FE Review Sessions

- **March 13th (Monday) to March 31st (Friday)**
- **6pm-7pm (online) in building (Mar. 14th) or separate time?**
- **Info Session: During Building (Mar. 14th) or separate time?**
- Working on getting resources for practice exams, sample problems, etc.
- Want a topic covered at an FE Review? Fill-out this form: <https://go.glimck.us/FEWMS/FORM/FEWMS/FEWMS>



TEE

- Record tutorials, get service hours
- One Billion Stubs @ Library West Room 142
- 1) Sign up on people form: <http://http://people.ua.edu/~tee/>
- 2) Create a summary of your tutorial for approval
- 3) A TA from the One Billion Stubs will with TEE Chairperson to get recording!
- Elaboration of research mini-talks



Weekly Brain Challenge

The digits 1, 2, and 3 can be combined in 27 different ways to form a three digit number. e.g., 111, 112, 123, 232, 321, ... 333. Arrange nine 1's, nine 2's and nine 3's around a circle so that each of the 27 combinations of these three digits appear exactly once when reading the arrangement in a clockwise direction.

For example, the sequence 112321 would give the first five values above. Starting with 1112, going around

Said Answer to : Tophlanation@gmail.com



Clocktower Committee

- 2 sides of Clocktower outside of Weid are complete, we are working on the other 2 sides
- Email: Thomas.H@ua.edu
- Out: scdugastad@ua.edu
- First meeting tomorrow at 5pm in NEB 1091



Master List of Dates

| Meeting # | Meeting Date | Meeting Time | Meeting Location |
|------------|--------------|--------------|------------------|
| Meeting 1 | 1/13/17 | 10:00 AM | NEB 1091 |
| Meeting 2 | 1/20/17 | 10:00 AM | NEB 1091 |
| Meeting 3 | 1/27/17 | 10:00 AM | NEB 1091 |
| Meeting 4 | 2/3/17 | 10:00 AM | NEB 1091 |
| Meeting 5 | 2/10/17 | 10:00 AM | NEB 1091 |
| Meeting 6 | 2/17/17 | 10:00 AM | NEB 1091 |
| Meeting 7 | 2/24/17 | 10:00 AM | NEB 1091 |
| Meeting 8 | 3/2/17 | 10:00 AM | NEB 1091 |
| Meeting 9 | 3/9/17 | 10:00 AM | NEB 1091 |
| Meeting 10 | 3/16/17 | 10:00 AM | NEB 1091 |
| Meeting 11 | 3/23/17 | 10:00 AM | NEB 1091 |



Research mini-talk



Chad Spreadbury
PhD student
Environmental Engineering Sciences

"Turning garbage into roadways"



Please sign in!

Follow us on Instagram and like us on Facebook to keep up to date on all things TBP!

Next meeting:
Next Meeting: Meeting #2 - February 14, 2017 at 7:20 PM (CSE E119)

Thank you! :-)



Trash to Roads

Chad Spreadbury
PhD student
Environmental Engineering Sciences

Chad Spreadbury is a PhD student in the Environmental Engineering Sciences department at the University of Alabama. He is currently working on a project titled "Turning garbage into roadways".

Waste Composition:

- Paper: 35%
- Plastic: 25%
- Glass: 15%
- Metal: 10%
- Textiles: 10%
- Food: 5%
- Other: 10%

Waste Management Process:

- Waste Collection
- Waste Sorting
- Waste Recycling
- Waste Landfill
- Waste Incineration
- Waste Composting
- Waste-to-Energy
- Waste-to-Roads

Waste-to-Roads:

The process of converting waste into roads involves several steps:

- Waste Collection
- Waste Sorting
- Waste Recycling
- Waste Landfill
- Waste Incineration
- Waste Composting
- Waste-to-Energy
- Waste-to-Roads

The waste-to-roads process involves the following steps:

- Waste Collection
- Waste Sorting
- Waste Recycling
- Waste Landfill
- Waste Incineration
- Waste Composting
- Waste-to-Energy
- Waste-to-Roads

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 26

New

Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Spring Officer Meeting #2

Date(s) of Project: 02/07/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 22

Electees: 0

Average number of hours per person spent on this project

Organizing: 2

Participating: 1

I. General Description:

Second officer meeting of the spring 2017 semester, only officers attended. Frederick gave an update on FE Reviews: all dates+times are scheduled; still looking for other professors; seeks collaboration with American Society for Education; talking with Dr. Tiki of Chi Epsilon doing monetary payment for professors, allowing the possibility of no gift cards. Also, Fredreick says that he is looking at 3/1 and 3/3 for the possibility of the National Board of Professional Engineers sending someone to speak to our chapter. Maddie and Colton overviewed their GatorTRAX event this coming Saturday and said everything was ok, but that they still need volunteers. They are still seeking help from IEEE. The service event coordinators seem to have everything under control although Patricia from the Elephant Social still seems to be out of contact. Anderson, the social coordinator asked if the Road Trip Event was happening. We believe that there is enough funding between the service, social, and discretionary funds. Also, he has made a promise to field interest in intramurals.

II. Purpose & Relationship to Objectives of TBP:

The purpose was to establish a relationship with all Tau Beta Pi officers and state the goals of the organization, as well as announce all planned events and opportunities.

III. Organization & Administration: (in conjunction with another group? Yes No)

The President organized the meeting and sent an Agenda draft to the Vice President. The President could not be present during the Meeting, so the Vice President and Graduate Coordinators were asked to lead the meeting. The Vice President took attendance on a spreadsheet and hosted the meeting.

IV. Cost & Personnel Requirements:

There were no costs associated with this event.

V. Special Problems:

One of the main topics of discussion, the Pi Run, was not mentioned.

VI. Over-all Evaluation/Results (Be Specific):

This was a successful meeting. Next Officer meeting will be hosted in 2 weeks.

VII. Index of Exhibits:

Members in Attendance: Michael Shang, Adam LeMay, Shannon Brown, Chad Spreadbury, Colton Weimerskirch, Justin Cohen, Frederick Hodgin, Ankit Patel, Travis Satiritz, Trevor Garlinghouse, Anderson Sheets, Jessica Matthews, Madeline Sciuillo, Razvan Vesa, Nathan Miller, Douglas Steinbach, Leah Carol, Brianna Malcolm, Thomas Scruggs, Daniel Fuenmayor.

Agenda:

- I. FE Reviews**
 - a. Status, plan, budget, dates, room, classes, professors
- II. Pi run**
 - a. Budget, place, details
- III. GatorTRAX**
 - a. Do Maddie and Colton need any help for this Saturday's activities?
- IV. Service**
 - a. Status of elephant and puppy socials.
- V. Open discussion**

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 27

New

Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Spring General Body Meeting #2

Date(s) of Project: 02/14/2017

Project area: Community/ Liberal Culture University/ College Profession/ Engineering Chapter/ Social Education/ Professional Development

Number of persons who participated in this project

Members: 31

Electees: 18

Average number of hours per person spent on this project

Organizing: 1

Participating: 2

I. General Description:

The second general body meeting of the Florida Alpha chapter of Tau Beta Pi, for the Spring 2017 semester.

II. Purpose & Relationship to Objectives of TBP:

The purpose of this was to inform the active members and candidates of the Florida Alpha chapter of the requirements for maintaining active membership status, and for candidate election. Social and service events were announced. Alyssa Egnew, an undergraduate student and Tau Beta Pi member, presented her research on assessment of structural damage of buildings after sustaining high-velocity winds. Scholarship opportunities were offered as well.

III. Organization & Administration: (in conjunction with another group? Yes No)

The meeting was run by the officers, as usual. The Recording Secretary created the agenda, which was sent to be printed at Target Copy. The President created the PowerPoint presentation and each officer was responsible for updating their own slides. The Recording Secretary created the sign in sheet. The Vice President, Michael Shang, ran the meeting because he has demonstrated interest in running for President in the upcoming April officer elections.

IV. Cost & Personnel Requirements:

\$100.00 for pizza. \$10 for printing the Agendas (Black and White, double-sided and stapled).

V. Special Problems:

None to report.

VI. Over-all Evaluation/Results (Be Specific):

Meeting was successful, with 31 total members and 18 electees in attendance.

VII. Index of Exhibits:

Members in Attendance: Joshua Benjamin, Paige Bohana, Shannon Brown, Leah Carol, Justin Cohen, Alyssa Egnew, Daniel Fuenmayor, Trevor Garlinghouse, Max Greene, Troy Heinzmann, Frederick Hodgkin, Adam LeMay, Felipe Lenz, Brianna Malcolm, Jessica Matthews, Jessica Matthews, Parker McBryde, Mark McNeely, Nathan Miller, Catherine Miney, Madeleine Monfort, Dominick Mulder, Royce Reyes, Travis Satiritz, Maddie Sciallo, Thomas Scruggs, Michael Shang, Anderson Sheets, Chad Spreadbury, Razvan Vesa, Colton Weimerskirch, Lin Yuan.

Electees in Attendance: Jacob Amontree, Matthew Capriotti, Liam Carroll, Parker Evora, Brian Habing, Charles Hernandez, Aryan Jebelli, Shreedevi Kumar, Brian Kusnick, Gabriela Mayer, Lauren Medlin, Jake Pistiner, Leslie Richardson, Kaileigh Rock, Marcus Spanolios, Rinor Thaci, Zach Tveraas, Austin Vera, Michael Woc.

Agenda:

- I. Electee Requirements**
 - i. Attend 3 of 4 general body meetings
 1. Jan 31, Feb 14, Mar 14, Mar 28
 2. Not required to attend Meeting 3
 - ii. Community Service (6 hours): including at least once GatorTRAX (counts for 3)
 - iii. Attend one social
 - iv. Graduate Qual. Form – due Feb 8. See Shannon TONIGHT if this was missed.
 - v. Informal Interview – due at 5 pm on Feb 28 (sign up here: <https://goo.gl/kChESx>)
 - vi. Attend Electee Only Social
 - vii. Pay dues - \$100 (one-time fee, due Meeting 4)
 - viii. Initiation
 1. Attendance is mandatory
 2. Mar 31, 6:00pm
- II. Active Membership**
 - a. Requirements
 - i. Member Meeting
 - ii. Candidate Election (Meeting 3): February 28 at 7:20 PM (CSE E119)
 - iii. Officer Elections: April 4 at 7:20 PM (room TBD)
 - iv. Attend at least one other non-meeting event (social, service, GatorTRAX, etc.)
 - v. More is more! Feel free to come to more than one event!
 - b. Benefits
 - i. Discounts
 - ii. Networking opportunities
 - iii. Active Member Scholarship

- iv. More likely to get a TBP fellowship or scholarship
- C. Meeting excuse permitted if Member Coordinator, Catherine Miney (ceminey@ufl.edu), receives them 24 hours in advance. Non-meeting event will not be excused.
- d. We ask that you make up a missed meeting by attending another meeting.
- III. **\$2,000/year TBP Scholarship**
 - a. Applications are now open!
 - b. Deadline is 11:59 P.M. EST April 1.
 - C. Restricted to initiated members graduating on or after Dec. 2017.
 - d. Each full-year award is \$2,000 payable in two equal increments. Partial scholarships will be awarded \$1,000 in a single payment.
 - e. More info: <https://www.tbp.org/?scholars>
- IV. **Active Member Scholarship**
 - a. All active members are eligible.
 - b. No citizenship restrictions.
 - C. \$250 scholarship awarded based on how active you are in the chapter
 - d. Additional requirement: Attend the March 25th E-Futures session.
 - e. Application: <https://goo.gl/forms/IKhsvNo5ovqDjxBW2>
 - i. Due on Monday, March 27th at 11:59 PM
- V. **Service Events**
 - a. Street Clean-Up (9am - 12pm)
 - i. February 19th (Subject to change)
 - ii. March 26th
 - iii. Meet at the Commuter Lot at 8:45am
 - b. Project Makeover!
 - i. When: Saturday February 25th
 - ii. Tentative time: 11:30am - 2:30pm
 - iii. Where: Stephen Foster Elementary School
 - C. Field and Fork Pantry Food Drive
 - i. Will run until April 1st
 - ii. Bring donated items to office hours or GBM's
 - iii. The Pantry is in need of grains, pasta, and proteins (Non-perishables)
 - d. Alachua County Humane Society Puppy Social (TBA)
 - e. Elephant Sanctuary Service Event (TBA)
- VI. E-Fair
 - a. Monday, Feb. 21st & Tuesday, Feb. 22 from 9 A.M. to 3 P.M.
 - i. Demos for elementary and middle school students
 - ii. Looking for volunteers!
 - iii. Table number is TBA
- VII. **GatorTRAX**
 - a. 2 Saturdays & 1 Monday

- b. Saturdayys:
 - i. Feb. 18th (Pi Tau Sigma)
 - ii. March 18th (AIChE)
- C. Monday:
 - i. Model Airplanes!
 - ii. Mar. 27th, 11:30 A.M. to 12:35 P.M.
- d. Sign Up: <https://goo.gl/h1oRtj>

VIII. Socials

- a. Brass Tap Social (1/2 off drafts!)
 - i. Archer Road, Brass Tap
 - ii. Wed. 2/15 at 9 P.M.
- b. Breakfast Club #2
 - i. Sat. 2/18 @ 1 P.M., Metro Diner – RSVP!
- C. Intramurals leagues coming soon:
 - i. Sand Volleyball (2/22 – 4/19) – 9 players! Email by tonight at midnight if you are interested!
 - ii. Doubles Tennis league - 3 players so far! Registration closes 3/16.
 - iii. Email tbpfla.socials@gmail.com if interested

IX. Engineering Futures

- a. Module: Group Process
 - i. Date: 03/25/2017
 - ii. Saturday
 - iii. 1:00pm-5:00pm
- b. Location: TBA
- C. Food will be provided.
- d. RSVP below:
 - i. <https://tbp.coursestorm.com/course/fl-a-group-process>

X. FE Review Sessions

- a. Updates to schedule will be sent out in weekly meetings and on the website.
- b. Pricing for sessions will be announced when available.

XI. TEE

- a. Record tutorials, get service hours!
- b. One Button Studio @ Library West Room 142
- C. Process:
 - i. Choose an engineering topic to teach
 - ii. Plan a short lesson
 - iii. Sign up on google form: <https://goo.gl/UTCZGm>
 - iv. After approval, go to One Button Studio with TEE Chairperson to get recording!

XII. Clocktower Committee

- a. 2 sides of Clocktower outside of Weil are complete, we are working on the other 2 sides

- b. Email Thomas if interested in helping out: scruggsta@ufl.edu
- XIII. Research Mini-Talk**
- XIV. Weekly Brain Challenge**
 - a. The result of adding the date of the last Monday of last month and the date of the first Thursday of next month is 38. If both dates are in the same year, what is the current month?
 - b. Send answers to tbpfla.initiation@gmail.com
- XV. Master List of Dates**
- XVI. Please Sign In!**
 - a. Follow us on Instagram and like us on Facebook to keep up to date on all things TBP!
- XVII. Next Meeting: Meeting #3 - Tuesday, Feb 28th at 7:20 PM in CSE E119**
- XVIII. Next Candidate Meeting: Meeting #4 – Tuesday, March 14th, 2017 in CSE E119**

Photos:



Slid

TBP Meeting #2

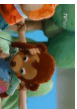
February 14, 2017
7:25 PM
CSE E119



Happy Singles Awareness Day



- Attend 3 of 4 general body meetings
- 2017-2018 Financial Statements
- Community Service (6 hours)
- Not required to attend Meeting 3
- No more than 5 members
- 3 members for each school
- Attendance social
- Informal interview - date at 9 pm on Feb 28
- Informal interview - date at 9 pm on Feb 28
- Attend up to meet <https://www.facebook.com/taubeta>
- Pay of dues - \$100 (one-time fee, due Meeting 4)
- Attendance is mandatory
- Mar 31, 6:00pm



Active Member Scholarship

- All active members are eligible
- No citizenship restrictions
- \$250 scholarship awarded based on how active you are in the chapter
- Additional requirement: Attend the March 25th E-Futures session
- Application: <https://go.cojive.XQL18>
- Due on Monday, March 27th at 11:59 PM



Service Events

- Street Clean-Up (9am - 12pm)
- Sunday-4pm-2:30h
- February 19th
- March 20th
- Meet at the O'Dome
- parking lot by 8:45am!



Service Events

- Project Makeover!
 - When: Saturday February 25th
 - 8:00am-4:00pm
 - Where: Stephen Foster Elementary School



E-Fair!

Monday Feb. 20 & Tuesday Feb. 21 from 9am-3pm

- Demos for elementary and middle school students
- Looking for volunteers!
- Table # is TBA

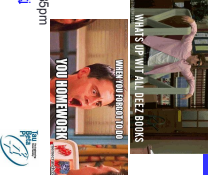


GatorTRAX

2 Saturdays & 1 Monday

- Saturdays:
 - Feb. 18th (P Tau Sigma)
 - Mar. 18th (OMCE)
- Monday:
 - Model Alpines!!!
 - Mar. 27th 11:30am to 12:30pm

Sign Up: <https://go.gln1t6r1>



Engineering Futures

- Module: Group Process
- Date: March 25, 2017
- Sunday 9am-11pm
- Location: TBA still
- Food will be provided.
- Email: tbpiia.cv@gmail.com
- RSVP Below:
 - <https://tbp.cousestem.com/coursefile-a-group-process>



FE Review Sessions

- Updates to schedule will be sent out in weekly meetings and on the website
- Pricing for sessions will be announced when available



| Category | 12-13 | 13-14 | 14-15 | 15-16 |
|--------------|---------|---------|---------|---------|
| Engineering | 10,000 | 10,000 | 10,000 | 10,000 |
| Architecture | 10,000 | 10,000 | 10,000 | 10,000 |
| Mathematics | 10,000 | 10,000 | 10,000 | 10,000 |
| Science | 10,000 | 10,000 | 10,000 | 10,000 |
| Business | 10,000 | 10,000 | 10,000 | 10,000 |
| Liberal Arts | 10,000 | 10,000 | 10,000 | 10,000 |
| Education | 10,000 | 10,000 | 10,000 | 10,000 |
| Health | 10,000 | 10,000 | 10,000 | 10,000 |
| Law | 10,000 | 10,000 | 10,000 | 10,000 |
| Other | 10,000 | 10,000 | 10,000 | 10,000 |
| Total | 100,000 | 100,000 | 100,000 | 100,000 |



\$2,000/year TBP Scholarship

- Applications are now open!
- Deadline is 11:59 P.M. EST April 1.
- Restricted to inlined members
- graduating on or after 11/15/17.
- Each two-year award is \$2,000 payable to the recipient.
- Two-year awards: \$2,000 per year.
- One-year awards: \$1,000 per year.
- More info: <https://www.tbp.org/scholars>



Service Events

- Field & Fork - Pantry Food Drive
- Will run until April 1st
- Bring container items to either hours or GSM's
- Items: canned goods, pasta, oil
- problems (Non-potentials)



Socals pt. 2 Intramural Boogaloo

- Leagues coming soon:
- Sand Volleyball (2/22-4/19) - 9 players Email: tonght@gmail.com
- Dodge Ball/Handball
- Dodge - 3 players so far Registration close: 3/16
- Email: tbpiia.cv@gmail.com if interested



PI Run (3.14 mile run)

- Boulders Springs, Sunday, Mar 19th
- RSVP: <https://go.elh7z55a> (cost: \$5, includes t-shirt)
- Register by Feb 24th to secure shirt size!



TEE

- Record t-shirt sale, gift service hours!
- One Button Studio @ Library/Vest Room 142
- Dates:
- 1) Pick an engineering topic to teach
- 2) Plan a short lesson
- 3) Teach the lesson
- 4) Receive your t-shirt
- 5) After approval, go to One Button Studio with TEE Champion to get recording



Clocktower Committee

- 2 sides of Clocktower outside of Well are complete, we are working on the other 2 sides
- Meeting tomorrow at 5:30pm in MAE-B 210!



Weekly Brain Challenge

The result of adding the date of the last Monday of last month and the date of the first Thursday of next month is 38. If both dates are in the same year, what is the current month?

Send Answers to :

Tupita.hindudson@alpha.com



Research mini-talk



Aiyasa Egnrew
Civil Engineering
Undergraduate



Doan Vu research

"Modeling tornado damage in houses"



Master List of Dates

<https://calendar.google.com/calendar/ical/tau@tau-beta-pi.org/calendar?events=1>

Next candidate meeting is Meeting 4, 3/14



| Meeting # | Meeting Date | Meeting Time | Meeting Location |
|-------------|--------------|--------------|---------------------------|
| Meeting 1 | 1/21/16 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 2 | 2/18/16 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 3 | 2/11/16 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 4 | 3/14/17 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 5 | 3/21/17 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 6 | 3/28/17 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 7 | 4/4/17 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 8 | 4/11/17 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 9 | 4/18/17 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 10 | 4/25/17 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 11 | 5/2/17 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 12 | 5/9/17 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 13 | 5/16/17 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 14 | 5/23/17 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 15 | 5/30/17 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 16 | 6/6/17 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 17 | 6/13/17 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 18 | 6/20/17 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 19 | 6/27/17 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 20 | 7/4/17 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 21 | 7/11/17 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 22 | 7/18/17 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 23 | 7/25/17 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 24 | 8/1/17 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 25 | 8/8/17 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 26 | 8/15/17 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 27 | 8/22/17 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 28 | 8/29/17 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 29 | 9/5/17 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 30 | 9/12/17 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 31 | 9/19/17 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 32 | 9/26/17 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 33 | 10/3/17 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 34 | 10/10/17 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 35 | 10/17/17 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 36 | 10/24/17 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 37 | 10/31/17 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 38 | 11/7/17 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 39 | 11/14/17 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 40 | 11/21/17 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 41 | 11/28/17 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 42 | 12/5/17 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 43 | 12/12/17 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 44 | 12/19/17 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 45 | 12/26/17 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 46 | 1/2/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 47 | 1/9/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 48 | 1/16/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 49 | 1/23/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 50 | 1/30/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 51 | 2/6/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 52 | 2/13/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 53 | 2/20/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 54 | 2/27/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 55 | 3/6/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 56 | 3/13/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 57 | 3/20/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 58 | 3/27/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 59 | 4/3/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 60 | 4/10/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 61 | 4/17/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 62 | 4/24/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 63 | 5/1/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 64 | 5/8/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 65 | 5/15/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 66 | 5/22/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 67 | 5/29/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 68 | 6/5/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 69 | 6/12/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 70 | 6/19/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 71 | 6/26/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 72 | 7/3/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 73 | 7/10/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 74 | 7/17/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 75 | 7/24/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 76 | 7/31/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 77 | 8/7/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 78 | 8/14/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 79 | 8/21/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 80 | 8/28/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 81 | 9/4/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 82 | 9/11/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 83 | 9/18/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 84 | 9/25/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 85 | 10/2/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 86 | 10/9/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 87 | 10/16/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 88 | 10/23/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 89 | 10/30/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 90 | 11/6/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 91 | 11/13/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 92 | 11/20/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 93 | 11/27/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 94 | 12/4/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 95 | 12/11/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 96 | 12/18/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 97 | 12/25/18 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 98 | 1/1/19 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 99 | 1/8/19 | 7:20 PM | The Room 300 (North Hall) |
| Meeting 100 | 1/15/19 | 7:20 PM | The Room 300 (North Hall) |



UF Wind Hazard Damage Assessment Group



Please sign in!

Follow us on Instagram and like us on Facebook to keep up to date on all things TBP!

Next meeting:

Next Member Meeting: Meeting #3 - February 28, 2017

Next Candidate Meeting: Meeting #4 - March 14, 2017

Location: 7:20 PM (CSE E719)

Thank you! :-)



Structural and Forensic Engineering

- Display after night wind events to
- Problem: Even though building codes improve for new construction, same
- Use of empirical data to develop
- Test to determine which structure and of
- Analyze based on construction
- Can determine if building from reviews
- Learning!



The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 28

New

Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Spring Officer Meeting #3

Date(s) of Project: 02/21/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 22

Electees: 0

Average number of hours per person spent on this project

Organizing: 1

Participating: 1.5

I. General Description:

This was the third officer meeting of the semester, only officers attended. Each officer was given an action point and had to give an update on their projects. The President informed the officers of the Expectations/Guidelines/Project Reports/Electee Requirements/Upcoming events. We voted on a new social event: Trampoline night (March 22, 2017). We voted on holding a big end-of-the-year social event on April 9, 2017. Officers suggested a bylaw change to increase electee social requirement from 1 to 2. Officers suggested to remove SECME since it hasn't been filled for many years. The president suggested to increase the number of GatorTRAX Coordinators from 2 to 3. All these bylaw changes shall be voted by the end of the semester. Douglas Steinbach were assigned to create a Newsletter to be sent to our current corporate sponsors.

II. Purpose & Relationship to Objectives of TBP:

The purpose was to establish a relationship with all Tau Beta Pi officers and state the goals of the organization, as well as announce all planned events and opportunities.

III. Organization & Administration: (in conjunction with another group? Yes No)

The president organized the meeting, picked up the agendas at Target Copy. The Vice President submitted a reservation for the room.

IV. Cost & Personnel Requirements:

The president wrote the Agenda and created a Google Form to take attendance. No cost associated with this meeting

V. Special Problems:

N/A.

VI. Over-all Evaluation/Results (Be Specific):

This was a successful meeting. Next Officer meeting will be hosted in March.

VII. Index of Exhibits:

Members in Attendance: Shannon Brown, Leah Carol, Justin Cohen, Ryan Dargan, Daniel Fuenmayor, Trevor Garlinghouse, Frederick Hodgins, Adam LeMay, Felipe Lenz, Brianna Malcolm, Jessica Matthews, Catherine Miney, Ankit Patel, Royce Reyes, Madeline Sciallo, Thomas Scruggs, Michael Shang, Anderson Sheets, Chad Spreadbury, Douglas Steinbach, Razvan Vesa, Colton Weimerskirch.

Electees in Attendance: N/A

Agenda:

I. President

District Conference: If you are going, please register on <https://goo.gl/CbdRSh> by March 15th!

- i. We have 12 seats approved, so far we have these confirmed: Celeste, Felipe, Michael, Ryan, Maddie, Colton, Travis, Anderson, Jessica, Catherine, Trevor.
- ii. Dr. Griffis will cover his expenses, so we have one extra seat to fill. Maybe an active member/candidate? Nominations?
- iii. We need people willing to drive! I am going to drive mine and have three extra seats. Two volunteer drivers: _____ and _____

Master List of Dates: Please do not delete anything without telling me!

- iv. Homework: Go over the ML of Dates and make sure all your events are there and the information (time and place) is accurate.
- v. I have added a column in the ML of dates to keep track of Project Reports. If you have a Y, you're good, if not, please submit your report ASAP

Meeting #4: Felipe will be out-of-town. Maddie will lead the meeting.

II. Corresponding Secretary

Candidate Elections are next meeting (1 week from today)

Election report must be in by 5 PM on Friday March 3rd!

- i. Please do not miss this deadline otherwise we don't get certificates and keys in.

E-Fair! Adam needs volunteers for tomorrow!!! No officers signed up ☹

- ii. Doodle pool (please give us at least 1 hr of your busy day!):
<https://goo.gl/UXWNlz> (wear your officer polo!)

III. Pi Run Coordinator: March 19th at 8:30 AM

Register to run or volunteer thru: <https://goo.gl/h7mS5a>

T-shirt design (cotton/dri-fit, black and white/orange and blue)

IV. Social Chair: only one social per week

Upcoming social events:

- i. Reitz Union Game Night (02/22 at 7 PM) free!
- ii. Beer Social (03/11 at 9 PM)

- iii. Breakfast Club (03/18 at 1 PM)
- iv. Poll: Game Night or Trampoline social? (03/22) Winner: _____
- v. Beer Social (03/29 at 9 PM)
- vi. End-of-the Year Social (04/09): brainstorm ideas

V. VP of Electees

Electee-Only Social: 03/16 at 7:20 PM room CSE E119

- i. Activities?

Bent polishing social: 03/30 at 3 PM (bents are in, thanks Adam!)

How many potential electees? _____

VI. Initiation Coordinator

Room for initiation?

Light switches?

Certificate for Brain Challenge + Gift Card

VII. Banquet & Awards Coordinator

Restaurant Reservation?

Budget: _____

Award Certificates

VIII. Vice President

E-Futures

- i. How many people are RSVPd?
- ii. Can you ask HQ for their emails so we can send a reminder email?
- iii. Are we going to have more than one facilitator?
- iv. What food will you bring?

IX. Service Coordinator

Project Makeover: This Saturday 02/25 at 11:30 AM @ Stephen Foster Elementary

- i. Carpool?
- ii. RSVP link: <http://uftbp.com/page.php?p=eventRSVP>

Food drive: Bring to the office! There is a sign in sheet next to the computer. The officer who brings more food items will receive a certificate!

Street Clean-up #3: 03/26 @ 8:45 AM Commuter Lot

Elephant Social? Puppy Social?

X. TEE Chairs:

Are we hosting in-person sessions? If so, what's the plan? If not, what is Brianna's project?

Daniel will do 2 videos on Orgo Chem

Nathan will do 1 video on something (devices/electronics?)

Felipe will do 2 videos (wave equation and differential amplifiers)

Anyone else? Michael? Shannon? Maddie? Adam?

- i. Please submit your plan to Royce thru: <https://goo.gl/fs0u9k>

XI. FE Reviews?

Speaker on Meeting #4?

Price tag/sessions

Status/Updates?

- XII. Officer Elections (04/04 at 7:20 PM):** Nominations will open after Meeting #3. Please run for an executive board position (President, VP, Secretaries, Treasurer) if you are graduating on or after May 2018. Run for other positions if graduating on or after

December 2017.

- XIII. **Please apply for the Scholarship!** The amount of people applying is now a variable in the chapter excellence award. ☺
- XIV. **GatorTRAX:** Good job so far! Please complete the reports!
- XV. **Corporate Relations:** Semester's project?
- XVI. **Clock Tower Coordinator:** Status/Updates? Will we have the clock by the end of the semester?
- XVII. **Next Meeting: Meeting #3 - Tuesday, Feb 28th at 7:20 PM in CSE E119**
- XVIII. **Open Discussion**

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 29

New

Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Spring General Body Meeting #3,
Candidate Elections.

Date(s) of Project: 02/28/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 56

Electees: 0

Average number of hours per person spent on this project

Organizing: 1

Participating: 2

I. General Description:

The third general body meeting of the 2017 spring semester for the Florida Alpha Chapter of Tau Beta Pi. Only members were allowed in the room because we carried candidate elections during this meeting.

II. Purpose & Relationship to Objectives of TBP:

The purpose of this was to gather all active members and officers and carry out the candidate election process. The progress of each candidate was reviewed for event attendance, demonstrated interest in the honors society, service hours performed, and quality of interview response. Officers who ran various projects offered their input on the character of the candidates based on their interactions. The voting process was carried out in accordance with the bylaws.

Amendments were also made to the bylaws, in Section 1, Article XIII Section 1A, and Article XIII Section 1C. Ratification procedure was carried out in accordance with protocol.

III. Organization & Administration: (in conjunction with another group? Yes No)

The meeting was run by the officers, as usual. The Recording Secretary created the agenda, which was sent to be printed at Target Copy. The President created the PowerPoint presentation and each officer was responsible for updating their own slides. The Recording Secretary created the sign in sheet.

IV. Cost & Personnel Requirements:

\$100 for pizza. \$10 for printing the Agendas (Black and White, double-sided and stapled).

V. Special Problems:

None to report.

VI. Over-all Evaluation/Results (Be Specific):

The meeting was a success. 56 active members attended the meeting. The additional Social requirement was approved by the chapter. 20 electees were elected to become candidates.

VII. Index of Exhibits:

Members in Attendance: Daniel Barkley, Daniel Beach, Paige Bohana, Haley Bross, Shannon Brown, Gabriela Buraglia, Leah Carol, Justin Cohen, Ryan Dargan, Surya Chandan Dhulipala, Alyssa Egnew, Emily Ferradaz, Margaret Fettis, Maddy Fuchs, Daniel Fuenmayor, Reagan Fuhr, Trevor Garlinghouse, Kasandra Gilley, Max Greene, Carla Guidi Azarola, Michael Hallenstein, Adriana Henao, Frederick Hodgins, Amanda Johnson, Emma Johnson, Erin Kolman, Adam LeMay, Felipe Lenz, John Leong, Dana Lobmeyer, Miranda Lochner, Tobias Lodemann, Jessica Matthews, Mark McNeely, Nathan Miller, Catherine Miney, Madeleine Monfort, Anna Montgomery, Dominick Mulder, Lauren Northrup, Gabrielle Paredes, Ankit Patel, Glendon Pluton, Royce Reyes, Travis Satiritz, Maddie Sciallo, Felicia Sedwick, Michael Shang, Anderson Sheets, Sydney Shivers, Brian Sokol, Chad Spreadbury, Ryan St. Pierre, Douglas Steinbach, Thomas Truchement, Razvan Vesa, Colton Weimerskirch.

Slides:

TBP Meeting #3

February 28, 2017
7:20 PM
CSE E119



Article XIII, Section 1C.

Electees shall be required to attend at least **one social** **two** social events. The member/candidate social may count towards the candidate's social requirement.



Beer social tomorrow night!

Beer Tap on Archer Rd at 9 PM
Friday Social:
Breakfast Club 3/18
Get Air Trampoline social 3/22



Engineering Futures

Module: Group Process
Date: March 25, 2017
Saturday 7-9 PM
Location: CSE E222
Food will be provided.
Email: tdbta_vp@gmail.com
RSVP below:
<https://tdbta.courses.lamson.edu/course/e1-a-group-process/>



Candidate Elections!

Four groups: Michael, Adam, Jessica, and Shannon.



RATIFICATION BALLOT ON CONSTITUTION AND BYLAW AMENDMENTS APPROVED BY THE 2016 CONVENTION:

Grant the authority for the Convention to set the size of the Executive Council, clarify requirements for reelection to the Executive Council, remove references to the election of groups to serve on the Executive Council, and define the process for electing members of the Executive Council at Convention.
Constitution Article III, Sec. 2 (e), Secs. 3 (a), 3 (b), 3 (f), and 3 (g)
<https://www.tbp.org/con/2016/2016-Ratification-Balloy.pdf>



FE Review Sessions

• Might add one or two more reviews

Info session with NBPE on Apr. 11th? Anyone interested?

NCEES

Schedule:

| NAME | TIME | NAME | TIME | NAME | TIME |
|--------------|------|----------|------|----------|------|
| 1. M. J. ... | ... | 2. ... | ... | 3. ... | ... |
| 4. ... | ... | 5. ... | ... | 6. ... | ... |
| 7. ... | ... | 8. ... | ... | 9. ... | ... |
| 10. ... | ... | 11. ... | ... | 12. ... | ... |
| 13. ... | ... | 14. ... | ... | 15. ... | ... |
| 16. ... | ... | 17. ... | ... | 18. ... | ... |
| 19. ... | ... | 20. ... | ... | 21. ... | ... |
| 22. ... | ... | 23. ... | ... | 24. ... | ... |
| 25. ... | ... | 26. ... | ... | 27. ... | ... |
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| 70. ... | ... | 71. ... | ... | 72. ... | ... |
| 73. ... | ... | 74. ... | ... | 75. ... | ... |
| 76. ... | ... | 77. ... | ... | 78. ... | ... |
| 79. ... | ... | 80. ... | ... | 81. ... | ... |
| 82. ... | ... | 83. ... | ... | 84. ... | ... |
| 85. ... | ... | 86. ... | ... | 87. ... | ... |
| 88. ... | ... | 89. ... | ... | 90. ... | ... |
| 91. ... | ... | 92. ... | ... | 93. ... | ... |
| 94. ... | ... | 95. ... | ... | 96. ... | ... |
| 97. ... | ... | 98. ... | ... | 99. ... | ... |
| 100. ... | ... | 101. ... | ... | 102. ... | ... |



Electee-Only Social!

We need members to help plan and host our ESCAPE ROOM for the electee-only social!!!
Contact Jessica and Nathan at tdbta_escaperoom@tau.org



Bylaw amendment requirement:

Section 1.
These Bylaws may be amended by a three-fourths affirmative vote of the active membership of the Chapter, subject to the approval of the Advisory Board, as provided in Article V, Section 7(b) of the Constitution.



\$2,000 Year TBP Scholarship

- Applications are now open!
- Deadline is 11:59 P.M. EST April 1, graduating on or after Dec. 2017
- Each full-year award is \$2,000 payable in two equal increments. Partial scholarships will be awarded \$1,000 in a single payment.
- More info: <https://www.tbp.org/scholars>



PI Run (3.14 mile run)

- Bountware Springs, Sunday, Mar 19th
- RSVP: <https://go.ajh7n55a.com> (cost: \$5, includes t-shirt)
- Register by Feb 24th to secure shirt size!



Weekly Brain Challenge

A point in the interior of a square is exactly 2, 3, and 4 cm from successive corners of the square. What is the length of a side of the square, expressed in exact terms?

Email: Tbpiia_initiation@gmail.com



Article XIII, Section 1A.

Electees shall be required to attend at three Chapter meetings, excluding candidate election meeting.



Active Member Scholarship

- All active members are eligible
- No citizenship restrictions
- \$250 scholarship awarded based on how active you are
- Active Chapter
- Additional requirement: Attend the March 25th E-Forum
- Application: <https://go.ajh7n55a.com>
- Due on Monday, March 27th at 11:59 PM



Gator TRAX

Remaining Sessions:
Saturday, March 18th - AlChel 1:30pm-2:00pm
Monday, March 27th - AlPlanes 11:00am-12:00pm
Info: <http://www.gatortrax.com/valunteers>
Sign Up: <https://www.gatortrax.com/valunteers>



Master List of Dates

<https://tdbta.courses.lamson.edu/course/e1-a-group-process/>

| Year | Event | Location | Time | Notes |
|------|-------|----------|------|-------|
| 2016 | ... | ... | ... | ... |
| 2017 | ... | ... | ... | ... |
| 2018 | ... | ... | ... | ... |
| 2019 | ... | ... | ... | ... |
| 2020 | ... | ... | ... | ... |
| 2021 | ... | ... | ... | ... |
| 2022 | ... | ... | ... | ... |
| 2023 | ... | ... | ... | ... |
| 2024 | ... | ... | ... | ... |
| 2025 | ... | ... | ... | ... |
| 2026 | ... | ... | ... | ... |
| 2027 | ... | ... | ... | ... |
| 2028 | ... | ... | ... | ... |
| 2029 | ... | ... | ... | ... |
| 2030 | ... | ... | ... | ... |

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 30

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Spring General Body Meeting #4

Date(s) of Project: 03/14/2017

Project area: Community/ Liberal Culture University/ College Profession/ Engineering Chapter/ Social Education/ Professional Development

Number of persons who participated in this project

Members: 30

Candidates: 15

Average number of hours per person spent on this project

Organizing: 1

Participating: 2

I. General Description:

The fourth general body meeting of the Florida Alpha Chapter of Tau Beta Pi.

II. Purpose & Relationship to Objectives of TBP:

The purpose of this was to inform active members on the events and benefits that the Florida Alpha chapter was offering, and to welcome the new candidates, who had successfully made the transition from candidacy. At the end of Meeting #4, the candidates paid their \$100 dues to our Treasurer (using card, check, cash, or Venmo (@uftbp)), received their bent casting, their Tau Beta Pi FL-A t-shirt, a copy of the bylaws, and a TBP bumper sticker.

III. Organization & Administration: (in conjunction with another group? Yes No)

The meeting was run by the officers, as usual. The Recording Secretary created the agenda, which was sent to be printed at Target Copy. The President created the PowerPoint presentation and each officer was responsible for updating their own slides. The Recording Secretary created the sign in sheet. The GatorTRAX Coordinator, Maddie Scullo, ran the meeting because she has demonstrated interest in running for President in the upcoming April officer elections.

IV. Cost & Personnel Requirements:

\$100 for pizza. \$10 for printing the Agendas (Black and White, double-sided and stapled).

V. Special Problems:

None to report.

VI. Over-all Evaluation/Results (Be Specific):

The meeting was carried out efficiently, with a total of 45 attendees.

VII. Index of Exhibits:

Members in Attendance: Daniel Barkley, Joshua Benjamin, Haley Bross, Shannon Brown, Leah Carol, Justin Cohen, Ryan Dargan, Jorge Figueras, Daniel Fuenmayor, Trevor Garlinghouse, Carla Guidi Azarola, Frederick Hodgins, John Leong, Tobias Lodemann, Brianna Malcolm, Jessica Matthews, Nathan Miller, Catherine Miney, Ankit Patel, Royce Reyes, Travis Satiritz, Maddie Sciallo, Thomas Scruggs, Felicia Sedwick, Michael Shang, Anderson Sheets, Brian Sokol, Chad Spreadbury, Doug Steinbach, Razvan Vesa, Colton Weimerskirch.

Candidates in Attendance: Matthew Capriotti, Liam Carroll, Yantong Chen, Parker Evora, Brian Habing, Charles Hernandez, Shreedevi Kumar, Brian Kusnick, Felipe Lenz, Alexander Leven, Lauren Medlin, Leslie Richardson, Kaileigh Rock, Marcus Spanolios, Zachary Tveraas, Michael Woc.

Agenda:

- I. Electee Requirements**
 - a. Attend 3 of 4 general body meetings
 1. Jan 31, Feb 14, Mar 14, Mar 28
 - b. Community Service (6 hours): including at least once GatorTRAX
 - c. Attend one social
 - d. Informal Interview – due at 5 pm on Feb 28
 - e. Attend Electee Only Social
 - f. Pay dues - \$100 (one-time fee, due TONIGHT!)
 - g. Initiation
 1. Attendance is mandatory
 2. Mar 31, 6:00pm.
- II. Dues Payment**
 - a. \$100 paid in cash, venmo, check, or card (+2.5% for credit card payments)
 - b. VENMO: @TBP_FL-A**
 - c. Due tonight! Can get T-shirt & bent only after dues payment.
- III. \$2,000/year TBP Scholarship**
 - a. Applications are now open!
 - b. Deadline is 11:59 P.M. EST April 1.
 - c. Restricted to initiated members graduating on or after Dec. 2017.
 - d. Each full-year award is \$2,000 payable in two equal increments. Partial scholarships will be awarded \$1,000 in a single payment.
 - e. More info: <https://www.tbp.org/?scholars>
- IV. Active Member Scholarship**
 - a. All active members are eligible.
 - b. \$250 scholarship awarded based on how active you are in the chapter
 - c. Additional requirement: Attend the March 25th E-Futures session.
 - d. Application: <https://goo.gl/forms/IKhsvNo5ovqDjxBW2>
 - i. Due on Monday, March 27th at 11:59 PM
- V. Service Events**

- a. Street Clean-Up (9am - 12pm)
 - i. Sunday January 29th
 - ii. February 19th
 - iii. March 26th
 - iv. Meet at the O'Dome parking lot by 8:45am! Tomorrow night at 9 P.M.!
- b. Field & Fork Pantry Food Drive
 - i. Will run until April 1st
 - ii. Bring donated items to office hours or GBM's
 - iii. The Pantry is in need of grains, pasta, and proteins (Non-perishables)

VI. GatorTRAX

- a. 1 Saturday & 1 Monday - ONLY 2 Opportunities Left
- b. Saturdays:
 - i. Mar. 18th (AIChE) 9:30am - 12pm
- c. Monday:
 - i. Model Airplanes!!!!
 - ii. Mar. 27th 11:30am to 12:35pm

d. Sign Up: <https://goo.gl/h1oRtj>

VII. Socials

- a. Breakfast Club #3
 - i. Sat. 3/18 @ 1pm, Cracker Barrel
 - ii. Please RSVP by noon on Saturday to guarantee a seat!
- b. Trampoline Social - 3/22
 - i. 20% off and free socks! RSVP!
- c. End of the year Social - 4/8

VIII. Engineering Futures

- a. Module: Group Process
 - i. Date: 03/25/2017, Saturday, 1:00pm-5:00pm
- b. Food will be provided.
- c. RSVP below:
 - i. <https://tbp.coursetorm.com/course/fl-a-group-process>

IX. FE Review Sessions

- a. Updates to schedule will be sent out in weekly meetings and on the website
- b. Pricing for sessions will be announced when available

X. Pi Run (3.14 mile run)

- a. Boulware Springs, Sunday, Mar 19th
- b. RSVP: <https://goo.gl/h7mS5a> (cost: \$5, includes t-shirt)

XI. TEE

- a. Record tutorials, get service hours!
- b. One Button Studio @ Library West Room 142
- c. Process:
 - 1) Choose an engineering topic to teach
 - 1) Plan a short lesson

- 2) Sign up on google form: <https://goo.gl/forms/j1UQIe0CkjGIWuMv2>
- 3) After approval, go to One Button Studio with TEE Chairperson to get recording!

XII. Clocktower Committee

- a. 2 sides of Clocktower outside of Weil are complete, we are working on the other 2 sides
- b. Meeting tomorrow at 5:30pm in MAE-B 210!

XIII. Weekly Brain Challenge

- a. The result of adding the date of the last Monday of last month and the date of the first Thursday of next month is 38. If both dates are in the same year, what is the current month?
- b. Send Answers to : Tbpfla.initiation@gmail.com

XIV. Master List of Dates

XV. Please Sign In!

- a. Follow us on Instagram and like us on Facebook to keep up to date on all things TBP!

XVI. Next Meeting: Meeting #5 - Tuesday, March 28th at 7:20 PM in CSE E119

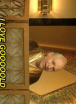
Slides:

TBP Meeting #4

March 14, 2017
7:25 PM
CSE E119

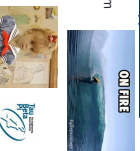
\$2,000/year TBP Scholarship

- Applications are now open!
- **Deadline is 11:59 P.M. EST April 1.**
- Restricted to initiated members graduating on or after Dec. 2017.
- Each full-year award is \$2,000 payable in two equal increments. Partial scholarships will be awarded \$1,000 in a single payment!
- More info: <https://www.tbp.org/scholars>



GatorTRAX

- **1 Saturday & 1 Monday - ONLY 2 opportunities left!**
- **Saturdays:**
 - Mar. 18th (A/CHE) 9:30am - 12pm
 - Monday:
 - Model Airplane flight!
 - Mar. 27th 11:30am to 12:35pm
- Sign up: <https://go.gatortrax>



Pi Run (3.14 mile run)

- **Boulevard Springs Sunday, Mar 19th**



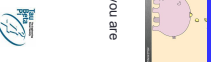
Note from the President:

Sorry I couldn't be here tonight. I'm stuck in the NYC Blizzard. Happy Fri Day! Here's a funny cartoon:



Active Member Scholarship

- **All active members are eligible**
- No citizenship restrictions
- \$250 scholarship awarded based on how active you are in the chapter
- Additional requirement: Attend the March 25th E-Futures session
- Application: <https://go.cjwccx819>
- **Due on Monday, March 27th at 11:59 PM**



Socials

- **Breakfast Club #3**
- Sat. 3/18 @ 1pm, Cracker Barrel
- Please RSVP by noon on Saturday to guarantee a seat!
- **Trampoline Social - 3/22**
- 20% off and free socks! RSVP!
- **End of the Year Social - 4/8**



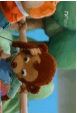
TEE

- Record tutorials, get service hours!
- One Button Studio @ Library West Room 142
- Process:
 - 1) Choose an engineering topic to teach
 - 2) Sign up on google form: <https://docs.google.com/forms/d/1QJqC0GAMWAz>
 - 3) After approval, go to One Button Studio with TEE. Compensation to get recording



Electorate Requirements

- Attend 3 of 4 general body meetings
- Not required to attend Meeting 2
- Community Service (6 hours including at least one 1-hour activity)
- Attend one social
- **Attendance & Mandate:**
 - General Body Meeting #1: Fri. 1/20 @ 6:00-7:00pm
 - General Body Meeting #2: Sat. 2/3 @ 6:00-7:00pm
 - General Body Meeting #3: Sat. 2/10 @ 6:00-7:00pm
 - General Body Meeting #4: Sat. 2/17 @ 6:00-7:00pm
 - Attendance & Mandate: Sat. 2/24 @ 6:00-7:00pm
- **Pay dues - \$100 one-time fee (due tonight)**
- **Attendance & Mandate**
- **Mar 31, 6:00pm**



Service Events

- **Street Clean-Up (9am - 12pm)**
- **Sunday-march 26th**
- **Social**
- **March 28th**
- **Meet at the O'Dome**
- **parking lot by 8:45am!**



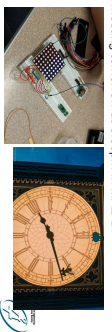
Engineering Futures

- **Module: Group Process**
- **Date:** March 25, 2017
- **Saturday**
- **1:00pm-5:00pm**
- **Location:** CSE E222
- **Food:** will be provided.
- **Email:** bdudakr@unl.edu
- **RSVP below:**



Clocktower Committee

- 2 sides of Clocktower outside of Well are complete, we are working on the other 2 sides
- Meeting tomorrow at 5:30pm in MAE-B1



Dues payment:

- \$100 paid in cash, venmo, check, or card (+2.5% for credit card payments)
- **Venmo:** @TBP_FL-A
- **Due tonight! Can get t-shirt & hat only after dues payment.**



Service Events

- **Field & Fork Parity Food Drive**
- Will run until April 1st
- Bring donated items to office hours or GMA's
- **Problems (Non-penetrable)**



FE Review Sessions

- Sessions held throughout
- \$5 per per for ALL reviews, \$5 per review for non-members or \$15 for ALL reviews
- <https://docs.google.com/forms/d/1QJqC0GAMWAz>
- Make sure to bring your laptop to the review having already downloaded the FE Exam reference handbook by ncces.org



| Exam | Topic | Start | End | Location | Cost | Notes |
|---------|---------|----------|----------|----------|------|-------------------|
| FE Exam | FE Exam | 10:00 AM | 12:00 PM | MAE-B1 | \$5 | Bring your laptop |
| FE Exam | FE Exam | 1:00 PM | 3:00 PM | MAE-B1 | \$5 | Bring your laptop |
| FE Exam | FE Exam | 3:00 PM | 5:00 PM | MAE-B1 | \$5 | Bring your laptop |
| FE Exam | FE Exam | 6:00 PM | 8:00 PM | MAE-B1 | \$5 | Bring your laptop |
| FE Exam | FE Exam | 8:00 PM | 10:00 PM | MAE-B1 | \$5 | Bring your laptop |
| FE Exam | FE Exam | 10:00 AM | 12:00 PM | MAE-B1 | \$5 | Bring your laptop |
| FE Exam | FE Exam | 1:00 PM | 3:00 PM | MAE-B1 | \$5 | Bring your laptop |
| FE Exam | FE Exam | 3:00 PM | 5:00 PM | MAE-B1 | \$5 | Bring your laptop |
| FE Exam | FE Exam | 6:00 PM | 8:00 PM | MAE-B1 | \$5 | Bring your laptop |
| FE Exam | FE Exam | 8:00 PM | 10:00 PM | MAE-B1 | \$5 | Bring your laptop |



Corporate Relations

- We are sponsored by these companies because they think we are competent engineers
- If you are interested in working for any of them email me or talk to me after the meeting and I will do my best to put you in touch.



Initiation Banquet

- Immediately after initiation
- Liquid Ginger
- Max number of people = 45
- Additional guests (\$25)
- RSVP will be going out as soon as possible



Weekly Brain Challenge



If Bill's age in years is appended to Alice's age, the number is a perfect square. The same thing will happen for any man. What are Bill's and Alice's ages?

Send answers to :



Master List of Dates

<https://docs.google.com/spreadsheets/d/1U0UjLW0kDz0z0tE0n0g0t0C0n0d0e0r0>

| Year | Month | Event | Time |
|------|----------|--------------------|---------|
| 2016 | March 10 | Initiation Banquet | 7:30 PM |
| 2016 | March 16 | Executive Meeting | 7:30 PM |
| 2016 | March 18 | Executive Meeting | 7:30 PM |
| 2016 | March 19 | Executive Meeting | 7:30 PM |
| 2016 | March 21 | Chapter Meeting | 7:30 PM |
| 2016 | March 22 | Chapter Meeting | 7:30 PM |
| 2016 | March 23 | Chapter Meeting | 7:30 PM |
| 2016 | March 24 | Chapter Meeting | 7:30 PM |
| 2016 | March 25 | Chapter Meeting | 7:30 PM |
| 2016 | March 26 | Chapter Meeting | 7:30 PM |
| 2016 | March 27 | Chapter Meeting | 7:30 PM |
| 2016 | March 28 | Chapter Meeting | 7:30 PM |
| 2016 | March 29 | Chapter Meeting | 7:30 PM |
| 2016 | March 30 | Chapter Meeting | 7:30 PM |
| 2016 | March 31 | Chapter Meeting | 7:30 PM |



Please sign in!

Follow us on Instagram and like us on Facebook to keep up to date on all things TBPI!

Next meeting: **March 28th 7:30pm CSE E119**

Initiation is March 31st!!

Thank you! :-)



The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 31

New

Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Spring Officer Meeting #4

Date(s) of Project: 03/21/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 21

Electees: 0

Average number of hours per person spent on this project

Organizing: 1

Participating: 1.5

I. General Description:

This was the fourth and final officer meeting of the semester, only officers attended. Each officer was given an action point and had to give an update on their projects. The President informed the officers of the Expectations/Guidelines/Project Reports/Electee Requirements/Upcoming events. A plan was presented for the District 5 Conference (FL-Alpha is bringing 12 officers to the conference!). The initiation and banquet coordinators briefed the rest of the officer team on the upcoming initiation ceremony. The FE Reviews chair briefed everyone on the excellent job he's been doing in that position (such as increasing class attendance from 5 to 40 students). The Vice President briefed everyone on the upcoming E-Futures session, scheduled for March 25, 2017 (we are "sold out!").

II. Purpose & Relationship to Objectives of TBP:

The purpose was to establish a relationship with all Tau Beta Pi officers and state the goals of the organization, as well as announce all planned events and opportunities.

III. Organization & Administration: (in conjunction with another group? Yes No)

The president organized the meeting, picked up the agendas at Target Copy. The Vice President submitted a reservation for the room.

IV. Cost & Personnel Requirements:

The president wrote the Agenda and created a Google Form to take attendance. The cost associated with this meeting was approximately \$5 for printing the Agendas (Black and White, double-sided and stapled).

V. Special Problems:

None to report.

VI. Over-all Evaluation/Results (Be Specific):

This was a successful meeting with all but 2 officers attending.

VII. Index of Exhibits:

Members in Attendance: Shannon Brown, Leah Carol, Justin Cohen, Daniel Fuenmayor, Trevor Garlinghouse, Frederick Hodgins, Adam LeMay, Felipe Lenz, Jessica Matthews, Nathan Miller, Catherine Miney, Ankit Patel, Travis Satiritz, Maddie Sciullo, Thomas Scruggs, Felicia Sedwick, Michael Shang, Anderson Sheets, Chad Spreadbury, Razvan Vesa, Colton Weimerskirch.

VIII. Meeting Agenda:

I. President

a. District Conference:

- i. Confirmed officers: Celeste, Felipe, Michael, Ryan, Maddie, Jessica, Colton, Travis, Royce, Catherine, Trevor, and Daniel. See carpool below:

| Felipe's Car | Colton's Car | Michael's Car |
|--------------|--------------|---------------|
| Felipe | Colton | Michael |
| Ryan | Catherine | Celeste |
| Travis | Royce | Trevor |
| Jessica | Daniel | |
| Maddie | | |

- ii. **We leave Gainesville on April 1st at 7:00 AM!** Leaving Commuter lot at that time so we can make it to Atlanta on time for business!

II. Master List of Dates

- a. **Please update the details of your event in the ML of dates. Many events (initiation, banquet, officer elections, etc) still do not have a time/place in the list.**

III. Initiation Coordinator

- a. Room for initiation?
- b. Volunteers? Who wants to be in which role?
- c. Rehearsals?

IV. Banquet & Awards Coordinator

- a. Restaurant Reservation? Liquid Ginger
- b. Award Certificates: Template was uploaded to your Dropbox (Banquet Coordinator -> Banquet Coordinator Guidelines -> Tau Beta Pi Awards Template)
 - i. Remember to buy a \$25 gift card for the Brain Challenge Winner

V. Corresponding Secretary

- a. Elections report was submitted on time and we got the new highest grade (3)!
- b. HQ said we may not get pins on time, but they have been ordered
- c. @Adam: Certificates and cards are in. Please sign the certificates!

VI. Pi Run Coordinator: We have a few dri-fit Run t-shirts to sell! \$5, pay to Ryan and pick up in the office. Buy one and help the chapter!

- VII. **Social Chair:** only one social per week
- a. Upcoming social events:
 - i. Trampoline Social (03/22 at 6pm)
 - ii. Beer Social (03/29 at 9 PM)
 - iii. End-of-the Year Social (04/09): Status?
- VIII. **VP of Electees**
- a. Excellent Electee-only social! Very creative and fun!
 - b. Bent polishing social: 03/30 at 3 PM
 - c. How many paid dues?
- IX. **Vice President**
- a. E-Futures (**THIS SATURDAY! at 1PM in CSE E222**)
 - i. Please submit to Ryan a budget proposal for food asap!
 - ii. Can you ask HQ for their emails so we can **send a reminder email**?
 - iii. What food will you bring? If Publix sub, have you placed the order?
- X. **Service Coordinator**
- a. Food drive: Bring to the office! There is a sign in sheet next to the computer. The officer who brings more food items will receive a certificate!
 - b. Street Clean-up #3: 03/26 @ 8:45 AM Commuter Lot
- XI. **TEE Chairs:**
- a. @Brianna: Status on the survey?
 - b. Daniel will do 2 videos on Orgo Chem
 - c. Nathan will do 1 video on something (devices/electronics?)
 - d. Felipe will do 2 videos (wave equation and differential amplifiers)
 - e. Anyone else? Michael? Shannon? Maddie? Adam?
 - i. Please submit your plan to Royce thru: <https://goo.gl/fs0u9k>
- XII. **FE Reviews**
- a. Speaker on Meeting #5?
 - b. Status/Updates/Issues/Revenue?
- XIII. **Officer Elections (04/04 at 7:20 PM):** Nominations are now open: <https://goo.gl/QmbpjU>
- a. Please run for an executive board position (President, VP, Secretaries, Treasurer) if you are graduating on or after May 2018. Run for other positions if graduating on or after December 2017.
- XIV. **Please apply for the Scholarship!** Due on April 1st, link: <https://www.tbp.org/scholarships.cfm>
- a. The amount of people applying is now a variable in the chapter excellence award. 😊
- XV. Project Reports missing:
- a. 02/05/2017 Breakfast Club at 43rd St Deli
 - b. 02/18/2017 GatorTRAX Pi Tau Sigma
 - c. 03/16/2017 Electee-only social
- XVI. **GatorTRAX:** One last session before the semester. Any problems?
- XVII. **Best Officer Award nomination form:** <https://goo.gl/fLviYH>
- XVIII. **Corporate Relations:** Semester's project?

- XIX. **Clock Tower Coordinator:** Status/Updates?
- XX. **Recording Secretary:** Excellent job! You've really grown as an officer!
- XXI. Next Meeting: Meeting #5 - Tuesday, March 28th at 7:20 PM in CSE E119**
- XXII. Open Discussion**

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 32

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Spring General Body Meeting #5

Date(s) of Project: 3/28/2017

Project area: Community/ Liberal Culture University/ College Profession/ Engineering Chapter/ Social Education/ Professional Development

Number of persons who participated in this project

Members: 27

Candidates: 10

Average number of hours per person spent on this project

Organizing: 1

Participating: 2

I. General Description:

The fifth and final general body meeting for the spring semester of 2017.

II. Purpose & Relationship to Objectives of TBP:

The purpose of this was to present members and candidates with the final events and opportunities that Tau Beta Pi would offer to them this semester. The candidates were reminded of their requirements for the upcoming initiation. All members and candidates were encouraged to run for officer positions for the following semester/year.

III. Organization & Administration: (in conjunction with another group? Yes No)

The meeting was run by the officers, as usual. The Recording Secretary created the agenda, which was sent to be printed at Target Copy. The President created the PowerPoint presentation and each officer was responsible for updating their own slides. The Recording Secretary created the sign in sheet.

IV. Cost & Personnel Requirements:

\$100 for pizza. \$10 for printing the Agendas (Black and White, double-sided and stapled).

V. Special Problems:

This meeting had a lower attendance rate than usual, probably because of the upcoming final's week. In addition, the majority of candidates have already completed their meeting requirement and chose not to attend this last General Body Meeting.

VI. Over-all Evaluation/Results (Be Specific):

Meeting was held with no issues, with a total of 37 attendees.

VII. Index of Exhibits:

Members in Attendance: Daniel Barkley, Shannon Brown, Leah Carol, Justin Cohen, Ryan Dargan, Daniel Fuenmayor, Trevor Garlinghouse, Carla Guidi Azarola, Frederick Hodgins, Adam LeMay, Felipe Lenz, John Leong, Brianna Malcolm, Jessica Matthews, Parker McBryde, Mark McNeely, Nathan Miller, Ankit Patel, Glendon Plumton, Royce Reyes, Travis Satiritz, Maddie Sciallo, Thomas Scruggs, Felicia Sedwick, Michael Shang, Anderson Sheets, Douglas Steinbach, Razvan Vesa, Colton Weimerskirch.

Candidates in Attendance: Jacob Amontree, Liam Carroll, Yantong Chen, Brian Habing, Charles Hernandez, Shreedevi Kumar, David Leonard, Alexander Leven, Lauren Medlin, Zach Tveraas, Austin Vera.

Agenda:

I. Electee Requirements

- a. Attend 3 of 4 general body meetings
 - i. Jan 31, Feb 14, Mar 14, Mar 28
 - b. Community Service (6 hours): including at least once GatorTRAX
 - c. Attend one social
 - d. Informal Interview – due at 5 pm on Feb 28
 - e. Attend Electee Only Social
 - f. Pay dues - \$100 (one-time fee, due TONIGHT!)
 - g. Initiation
- i. Attendance is mandatory
- ii. Mar 31, 6:00pm.
 - h. Bent Polishing Social Thursday at 3:00 PM
- i. Polish your bent and go to the banquet to be eligible for best bent
 - i. Check your progress and e-mail us with any issues
- i. <http://uftbp.com/page.php?p=progress>
- ii. tbpvpofelectees@gmail.com

II. Initiation

- a. Initiation starts at 6:00PM SHARP on Friday March 31, 2017 in room CSE E121.
- b. Business attire is required
- c. Must arrive by 5:30PM
- d. Only Tau Beta Pi Members and Spring 2017 Electees are allowed in the room during initiation. Guests cannot attend the initiation ceremony, only the banquet.

III. Initiation Banquet

- a. Time: 8pm (Right after initiation!)
- b. Location: Liquid Ginger (101 SE 2 Pl, Gainesville, FL 32601)
- c. Dress: Business professional (Guests can just come formal)
- d. If you have guests coming, each guest is an additional \$25, paid to Ryan Dargan (or venmo: @uftbp)
- e. 7 spots are still available. See me after meeting if you have not RSVPd but would like

to come

IV. \$2,000/year TBP Scholarship

- a. Applications are now open!
- b. Deadline is 11:59 P.M. EST April 1.
- c. Restricted to initiated members graduating on or after Dec. 2017.
- d. Each full-year award is \$2,000 payable in two equal increments. Partial scholarships will be awarded \$1,000 in a single payment.
- e. More info: <https://www.tbp.org/?scholars>

V. Graduation Stoles

- a. Renting
 - i. Active: \$22 (\$20 refund upon return)
 - ii. Inactive: \$40 (\$20 refund upon return)
- b. Buying
 - i. Active: Purchase for \$20
 - ii. Inactive: Not eligible to purchase
 - c. Should be available for pick-up on April 17
 - d. Send money to Ryan Dargan

VI. Service Events

- a. Field & Fork Pantry Food Drive
 - i. Will run until April 1st
 - ii. Bring donated items to office hours or GBM's
 - iii. The Pantry is in need of grains, pasta, and proteins (Non-perishables)

VII. Socials

- a. Beer Social - Brass Tap on Archer Road
 - i. TOMORROW at 9pm! 1/2 off beer!
 - b. End-of-the-Year Social - Lake Wauburg's North Shore April 8th at 11 am - BBQ-style (burgers, dogs, and a vegetarian food option); volleyball, frisbee, and boats to check out from the staff! RSVP and let us know ASAP if you need a ride!
- c. **RSVP link:** <https://goo.gl/forms/ELLdJfGI0ODVyDCX2>

VIII. FE Review Sessions

- a. \$5 for TBP for ALL reviews, \$5 per review for non members or \$15 for ALL reviews
- b. RSVP for sessions: <https://goo.gl/forms/JXUFeOd2MQs2dTNY2>
- c. Make sure to bring your laptops to the reviews having already downloaded the FE Exam reference handbook by clicking here.

IX. TEE

- a. Record tutorials, get service hours!
- b. One Button Studio @ Library West Room 142
- c. Process:
 - 1) Choose an engineering topic to teach
 - 2) Plan a short lesson
 - 3) Sign up on google form: <https://goo.gl/forms/j1UQIe0CkjGIWuMv2>
 - 4) After approval, go to One Button Studio with TEE Chairperson to get recording

- X. Clocktower Committee**
 - a. 2 sides of Clocktower outside of Weil are complete, we are working on the other 2 sides
 - b. Meeting tomorrow at 5:30pm in MAE-B!
- XI. Corporate Relations**
 - a. We are sponsored by these companies: Citrix, Accenture, Deloitte, Chm2Hill, Intel
 - b. If you are interested in working for any of them email me at douglassteinbach@ufl.edu or talk to me after the meeting and I will do my best to put you in touch.
- XII. Out of The Darkness**
 - a. A walk to promote mental health and suicide prevention.
 - b. The walk takes place April 8th from 8:30am-10am at Flavet Field.
 - c. Looking for volunteers to form a TBP team. Email me douglassteinbach@ufl.edu or talk to me afterwards
- XIII. UF Quest**
 - a. The 'What is the Good Life?' class expanded to all four years. Adds 6 credit hours and an experience on top of regular degree.
 - b. Come to town hall to push for more engineering/STEM inclusion in added coursework as well as not increasing credit hours for engineers.
 - c. Town hall this Thursday from 3pm-4:30pm at Pugh Hall Ocora room. Free food at end
- XIV. Research mini-talk**
- XV. Weekly Brain Challenge**
 - a. Find the smallest positive integer such that, if you place a 4 in front of it, you get a number that is exactly four times as large as you get if you place a 4 at the end of the number?
 - b. Send Answers to :
 - c. Tbpfla.initiation@gmail.com
- XVI. Master List of Dates**
- XVII. Please Sign In!**
 - a. Follow us on Instagram and like us on Facebook to keep up to date on all things TBP.

Slides:

TBP Meeting #5

March 28, 2017
7:20 PM
CSE E 119

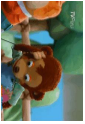


This is our Last General Body Meeting!



Electorate Requirements

- Attend 3 of 4 general body meetings
- Community Service (6 hours) including at least one CAROTVAX session
- Initiation
- Attendance is mandatory
- Be at TBP on Thursday at 3:00 PM
- Be at TBP on Friday at 7:20 PM
- Resist your tempt and go to the banquet to be eligible for best dean
- Only <https://fbcs.org/2017/03/08/tau-beta-pi-requirements/>



Initiation - March 31, 2017

Time: 6:30pm, LATEST 6:00PM
Location: CSE-121
Dress: Business professional

Late arrivals will NOT be tolerated

Initiation starts promptly at 6:00PM

- Other social activities:
- Be at TBP on Thursday at 3:00 PM
 - Be at TBP on Friday at 7:20 PM
 - Resist your tempt and go to the banquet to be eligible for best dean
 - Only <https://fbcs.org/2017/03/08/tau-beta-pi-requirements/>
- Contact me in case of emergency: webster@tau.edu



Banquet

Time: 8pm (Right after initiation)
Location: Lunkin Ginger
(101 SE 2 Pl, Gainesville, FL 32601)

Dress: Business professional (guests can just come formal)

If you have guests coming, each guest is an additional \$25 7 spots are still available. See me after meeting if you have not RSVP'd but would like to come



Officer Elections

- Officer Elections will be held on Tuesday, April 4th at 7:20pm in HSC C-1-17
- All 28 positions will be open!
- Nomination form: <https://goo.gl/QmhhbU>

If you have any questions about a position don't hesitate to ask the current officer in that position



\$2,000/year TBP Scholarship

- Applications are now open!
- Deadline is **11:59 P.M. EST April 1,**
- Restricted to initiated members graduating **on or after Dec. 2017.**
- Each full-year award is \$2,000 payable in two equal increments. Partial scholarships will be awarded \$1,000 in a single payment.
- More info: <https://www.tbp.org/scholars>



Graduation Stoles

- Rentling
- Active: \$220 (refund upon return)
 - Inactive: \$40 (\$20 refund upon return)
- Buying
- Active: Purchase for \$20
 - Inactive: Not eligible to purchase
- Should be available for pick-up on April 17



Service Events

- Field & Fork Party Food Drive
- Will run until April 1st
- Bring donated items to office hours or to Ryan Dargan
- The Party is in need of grains, pasta, and proteins (Non-perishables)



Socials

- Beer Social - Brass Tap on Archer Road
- TOMORROW at 8pm! 1/2 off beer!
- End-of-the-Year Social - Lake Wauburg's North Shore
- April 8th at 11 am - BBQ-style burgers, dogs, and a vegetarian food option, volleyball, misbe, and boxes to check out from the stall!
- RSVP and let us know ASAP if you need a ride!



FE Review Sessions

Sections started this week! \$5 per review for non-members or \$15 for ALL reviews

RSVP for sections: <https://fbcs.org/2017/03/08/tau-beta-pi-requirements/>

Make sure to bring your laptops to the review sessions. Reviewers are responsible for their own laptops. Reviewers should be available by <https://fbcs.org/2017/03/08/tau-beta-pi-requirements/>

| Section | Topic | Time | Location |
|---------|----------|----------------|------------|
| 1 | Math 211 | 8:00-9:00 PM | HSC C-1-17 |
| 2 | Math 211 | 9:00-10:00 PM | HSC C-1-17 |
| 3 | Math 211 | 10:00-11:00 PM | HSC C-1-17 |
| 4 | Math 211 | 11:00-12:00 AM | HSC C-1-17 |
| 5 | Math 211 | 12:00-1:00 AM | HSC C-1-17 |
| 6 | Math 211 | 1:00-2:00 AM | HSC C-1-17 |
| 7 | Math 211 | 2:00-3:00 AM | HSC C-1-17 |
| 8 | Math 211 | 3:00-4:00 AM | HSC C-1-17 |
| 9 | Math 211 | 4:00-5:00 AM | HSC C-1-17 |
| 10 | Math 211 | 5:00-6:00 AM | HSC C-1-17 |
| 11 | Math 211 | 6:00-7:00 AM | HSC C-1-17 |
| 12 | Math 211 | 7:00-8:00 AM | HSC C-1-17 |



Pi Run

- T-Shirts still available in all sizes!
- \$5 to Ryan Dargan



TEE

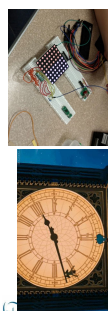
- Record tickets, get service hour!
- Registration closed @ Library West Room 142
- Process:

 - 1) Choose an engineering topic to teach
 - 2) Sign up on google form: <https://fbcs.org/2017/03/08/tau-beta-pi-requirements/>
 - 3) After approval, go to One Baker Studios with TEE Chairperson to get recording!



Clocktower Committee

- Waiting on new LED matrix to ship
- Meeting tomorrow cancelled <3
- There will be a meeting when the new matrix arrives



Corporate Relations

We are sponsored by these companies because they think we are "competent engineers"

If you are interested in working for any of them email or talk to me after the meeting and I will do my best to put you in touch.



Out of The Darkness

A walk to promote mental health and suicide prevention.

The walk takes place April 8th from 8:30am-10am at Flavel Field.

Looking for volunteers to form a TBP team. Email me douglaistenblack@tau.edu or talk to me afterwards



UF Quest

The 'What is the Good Life?' class expanded to full four years. Add 6 credit hours and an experience on top of regular degree.
 Come to town hall to push for more engineering/STEM inclusion in added coursework as well as not increasing credit hours for engineers.
 Town hall this Thursday from 3pm-4:30pm at Pugh Hall Oora room. Free food at end



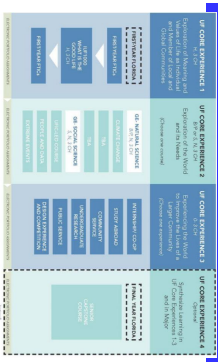
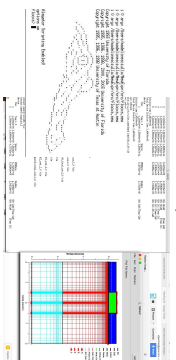
Weekly Brain Challenge

Find the smallest positive integer such that, if you place a 4 in front of it, you get a number that is exactly four times as large as you get if you place a 4 at the end of the number?

Send answers to:
TordlaAntillation@gmail.com



Simulation based experimentation



Master List of Dates

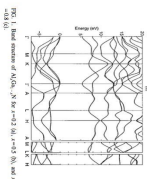
<http://www.fpa.org/understanding-the-world> or <http://www.fpa.org/Events> > Calendar

| Event | Date | Location | Time |
|----------------------|-------------|---------------------|------|
| Master List of Dates | 11/10-11/11 | 10:00 AM - 11:00 AM | |
| Next Meeting | 11/10 | 12:00 PM - 1:00 PM | |
| Midweek Meeting | 11/15 | 12:00 PM - 1:00 PM | |
| Meeting | 11/16 | 12:00 PM - 1:00 PM | |
| Meeting | 11/17 | 12:00 PM - 1:00 PM | |
| Meeting | 11/18 | 12:00 PM - 1:00 PM | |
| Meeting | 11/19 | 12:00 PM - 1:00 PM | |
| Meeting | 11/20 | 12:00 PM - 1:00 PM | |
| Meeting | 11/21 | 12:00 PM - 1:00 PM | |
| Meeting | 11/22 | 12:00 PM - 1:00 PM | |
| Meeting | 11/23 | 12:00 PM - 1:00 PM | |
| Meeting | 11/24 | 12:00 PM - 1:00 PM | |
| Meeting | 11/25 | 12:00 PM - 1:00 PM | |
| Meeting | 11/26 | 12:00 PM - 1:00 PM | |
| Meeting | 11/27 | 12:00 PM - 1:00 PM | |
| Meeting | 11/28 | 12:00 PM - 1:00 PM | |
| Meeting | 11/29 | 12:00 PM - 1:00 PM | |
| Meeting | 11/30 | 12:00 PM - 1:00 PM | |

π 3.14 MπE
A DELICIOUS CONCOCTION!



Multi-band Transport



Research Mini-Talk

"Radiation Effects of Electronics"

Maddie Schillo - 3rd year ECE PhD Candidate



Please sign in!

Follow us on Instagram and like us on facebook to keep up to date on all things TPPI!

Next meeting: **April 4, 7:20pm Room: HSC C1-17**

Officer Elections Nominations: <https://goos.slu/OnPoll>

Intruders! March 5th!!

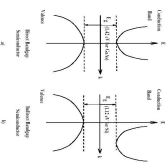
Thank You! :-)



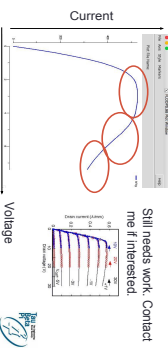
Heat Transfer

$$\begin{aligned} & h = \frac{1}{2} \sqrt{Nu} + \frac{1}{2} \sqrt{Nu}^3 \\ & + \frac{1}{2} \sqrt{Nu} + \frac{1}{2} \sqrt{Nu}^3 \\ & + \frac{1}{2} \sqrt{Nu} + \frac{1}{2} \sqrt{Nu}^3 \\ & + \frac{1}{2} \sqrt{Nu} + \frac{1}{2} \sqrt{Nu}^3 \\ & + \frac{1}{2} \sqrt{Nu} + \frac{1}{2} \sqrt{Nu}^3 \end{aligned}$$

Energy Band Diagrams



What do my results look like?



Still needs work. Contact me if interested



Maddie's Backup Slides

For Research Talk



The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 33

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Spring Benton Engineering Council Meetings

Date(s) of Project: 01/09, 01/23, 02/06, 02/20, 03/13, 03/27, 04/10/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project Members: 4 Electees: 0

Average number of hours per person spent on this project Organizing: 0 Participating: 1

I. General Description:

Tau Beta Pi is one of the many engineering societies that participates in the Benton Engineering Council (BEC) umbrella organization, which oversees all of the societies in the Herbert Wertheim College of Engineering. BEC controls funding for engineering societies and requires at least 1 representative from each society to attend all of the general body meetings. These representatives then report back to their societies on updates and events going on in the Herbert Wertheim College of Engineering.

II. Purpose & Relationship to Objectives of TBP:

It is important that Tau Beta Pi participates in such an umbrella organization to inform the Herbert Wertheim College of Engineering about the many events our society hosts and stimulate interest in becoming a TBP member.

III. Organization & Administration: (in conjunction with another group? Yes No)

Participation is in conjunction with the University of Florida Benton Engineering Council.

IV. Cost & Personnel Requirements:

No costs. The BEC-Representative serves a two-semester term and is elected every year during officer elections in the spring.

V. Special Problems:

No problems were encountered.

VI. Over-all Evaluation/Results (Be Specific):

Overall, the general body meetings ran smoothly, punctually, and always provided a printed agenda. Valuable information was shared between all of the different societies in the Herbert Wertheim College of Engineering. By being a part of BEC, Tau Beta Pi maintains good standing within the College of Engineering and informs potential members of the opportunities of being a Florida Alpha Tau Bate.

VII. Index of Exhibits:

Members in Attendance: Adam LeMay, Felipe Lenz, Douglas Steinbach, Maggie Fettis.

Picture:



The Benton Engineering Council has awarded our Tau Beta Pi chapter with the Most Outstanding Medium Society Award during the April 9, 2017 End of the Year Banquet. In this picture, our President (center) poses with Maggie Fettis (former FE Reviews Coordinator) and Douglas Steinbach (Corporate Relations Chair).

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 34

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Spring Brain Challenge

Date(s) of Project: 01/31—03/28/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 18

Candidates: 0

Average number of hours per person spent on this project

Organizing: 1

Participating: 2

I. General Description:

Every General Body Meeting, we give out one Brain Challenge, a puzzle or a challenge that is supposed to be solved using simple math, logic, and physics. The members and electees are invited to submit their answers to our Initiation Coordinator. The one with the most correct answers receives an award during the initiation banquet and a \$25 gift card to Starbucks.

II. Purpose & Relationship to Objectives of TBP:

The Brain Challenges are supposed to make our members think of creative solutions to difficult problems and become more engaged with the chapter by submitting their answers to our initiation coordinator.

III. Organization & Administration: (in conjunction with another group? Yes No)

The challenges were selected and presented during the General Body Meetings by the Initiation Coordinator. The Treasurer approved the purchase of the Starbucks gift card, which was handed out at the fall initiation banquet with an award certificate.

IV. Cost & Personnel Requirements:

The Brain Challenge cost was \$25.

V. Special Problems:

No special problems encountered, but more members should be motivated to participate and submit more answers.

VI. Over-all Evaluation/Results (Be Specific):

The series of puzzles and challenges was a success. Members appreciated and had fun submitting their

responses. The winner for the Spring 2017 semester Brain Challenge was Shannon Brown (“the Brainiest”) and she received a \$25 Starbucks gift card and an award certificate.

VII. Index of Exhibits:

Members in Attendance:

Challenge #1: Surya Dhuliapala.

Challenge #2: Shannon Brown, Surya Dhulipala, Mark McNeely, Maddie Sciuлло.

Challenge #3: Shannon Brown, Surya Dhulipala, Maddie Sciuлло.

Challenge #4: Shannon Brown, Surya Dhulipala, Maddie Sciuлло, Ankit Patel.

Challenge #5: Shannon Brown, Maddie Sciuлло, Ankit Patel.

Electees/Candidates in Attendance:

Challenge #1: N/A.

Challenge #2: Marcus Spanolios.

Challenge #3: N/A.

Challenge #4: N/A.

Challenge #5: N/A.

Challenges:

#1: The digits 1, 2, and 3 can be combined in 27 different ways to form a three digit number, e.g., 111, 112, 123, 232, 321, ..., 333. Arrange nine 1’s, nine 2’s and nine 3’s around a circle so that each of the 27 combinations of these three digits appear exactly once when reading the arrangement in a clockwise direction. For example, the sequence 1112321 would give the first five values above. Starting with 1112, going around.

#2: The result of adding the date of the last Monday of last month and the date of the first Thursday of next month is 38. If both dates are in the same year, what is the current month?

#3: A point in the interior of a square is exactly 2, 3, and 4 cm from successive corners of the square. What is the length of a side of the square, expressed in exact terms?

#4: If Bill’s age in years is appended to Alice’s age, the resultant four digit integer is a perfect square. The same thing will be true thirteen years from now. What are Bill’s and Alice’s ages?

#5: Find the smallest positive integer such that, if you place a 4 in front of it, you get a number that is exactly four times as large as you get if you place a 4 at the end of the number?

Sample of submitted answers:

Challenge Question #4:

Find the smallest positive integer such that, if you place a 4 in front of it, you get a number that is exactly four times as large as you get if you place a 4 at the end of the number?

Answer:

One way to look at it would be to start by assuming the least positive number is a one-digit number 'x'. The value of x is $1 \cdot x$ (because x is the ones place). The problem states:

$4x = 4 \cdot (x4)$. So, if you looked at the value of the number you get:

$$4 \cdot 10 + x = 4 \cdot (10x + 4) \quad \text{-----} \quad (1)$$

Now, let's assume the least positive number is a two digit number with x in the tens place and y in the ones place. So, the value of the number is (let's denote this 'num') is : $10 \cdot x + y$. According to the problem statement:

$$4xy = 4 \cdot (xy4)$$

$$\text{i.e. } 400 + 10 \cdot x + y = 4 \cdot (100x + 10y + 4) \quad \text{-----} \quad (2)$$

The value of the number (num) is $10 \cdot x + y$. So (2) can be written as

$$400 + \text{num} = 4 \cdot (10 \cdot (10x + y) + 4) \quad \text{-----} \quad (3)$$

$$400 + \text{num} = 4 \cdot (10 \cdot (\text{num}) + 4) \quad \text{-----} \quad (4)$$

If you follow this process for a 3 digit number you will arrive at a similar equation as (4)

To generalize the equation:

$$1 \text{ digit number : } 40 + \text{num} = (10 \cdot \text{num} + 4) \cdot 4$$

$$2 \text{ digit number : } 400 + \text{num} = (10 \cdot \text{num} + 4) \cdot 4$$

$$3 \text{ digit number : } 4000 + \text{num} = (10 \cdot \text{num} + 4) \cdot 4 \quad \text{-----} \quad (5)$$

So, whenever we arrive at an integer value for 'num' as generalized in (4) and (5) that is the least positive number which satisfies the problem statement.

This can be done in MATLAB as shown:

```
clear
clc
i=0;
flag=0;
while(flag==0)
x = ((40*10^i)-16)/39; % Generalized Equation
if (rem(x,1)==0) % finding if the number is integer
    flag=1;
else
    flag=0; % determine when to stop the process
end
i=i+1;
end
fprintf(' The least positive integer is %d \n',x)
```

Result:

The least positive integer is **10256**

Verification:

$$4*(102564) = 410256.$$

One example of the answers submitted to Challenge #4. Some members submitted sophisticated answers with MATLAB code.

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 35

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Spring Active Member Scholarship

Date(s) of Project: 03/31/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 4

Candidates: 0

Average number of hours per person spent on this project

Organizing: 1

Participating: 2

I. General Description:

Members who met the requirements for Active Membership this semester had the opportunity to fill out a short application for a \$250 scholarship from the chapter. The recipient was to be chosen based on involvement in the chapter, academic success, and professional ambitions. The recipient for the scholarship for the Spring semester was Frederick Hodgkin, the chapter FE Reviews Coordinator.

II. Purpose & Relationship to Objectives of TBP:

The purpose of the scholarship is to provide incentives for members who have put in considerable effort and shown dedication to TBP.

III. Organization & Administration: (in conjunction with another group? Yes No)

This award was budgeted at the beginning of the semester, organized by the chapter President and Vice President, and presented at the end of semester banquet. The scholarship application review committee consisted of the President, Vice President, and Graduate Coordinator (Felipe Lenz, Michael Shang, and Shannon Brown, respectively).

IV. Cost & Personnel Requirements:

This award was funded through the chapter bank account.

V. Special Problems:

No special problems encountered.

VI. Over-all Evaluation/Results (Be Specific):

The award was a success. One dedicated and hard working officer was awarded for his efforts and was very grateful to be recognized.

VII. Index of Exhibits:

Members in Attendance: Shannon Brown, Frederick Hodgin, Felipe Lenz, and Michael Shang.

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 36

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Spring Initiation Ceremony

Date(s) of Project: 03/31/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 15

Electees: 19

Average number of hours per person spent on this project

Organizing: 10hr

Participating: 3hr

I. General Description:

The initiation of the new Electees for Spring 2017 was performed with the assistance of current members. The initiation ceremony is the process by which the Electees become members of Tau Beta Pi. Furthermore, the initiation meant to deliver the history, morals, and other crucial material that Tau Beta Pi upholds and is based upon to the Electees.

II. Purpose & Relationship to Objectives of TBP:

The initiation was related to Tau Beta Pi in the fact that it is restricted to current members and those who are being initiated. The purpose of the initiation ceremony is to make the Electees into members of Tau Beta Pi. Additionally, the initiation ceremony informs the Electees of the history along with the defined set of morals that Tau Beta Pi is built upon. Furthermore, the initiation ceremony relates to preserving Tau Beta Pi's "honor society" culture along with the set of ethics and morals that engineers should follow. The current members were the ones who hosted and planned the event. The initiation ceremony maintained the traditional initiation by adhering the guidelines and protocol set forth by Tau Beta Pi.

III. Organization & Administration: (in conjunction with another group? Yes No)

This event organized and planned at the beginning of the semester with the reservation held for the date and time. The date chosen for initiation was on 03/31/17 at 6:00pm because there were no exams or other possible scheduling conflicts that would prevent the Electees from being initiated. The date was advertised and made public within all the meetings and it was also advertised via email communications "This Week in Tau Beta Pi". Initiation was advertised in the event in the Master List of Dates on the home page of the UF TBP website. Additionally, a room was reserved at the beginning of the semester in order to accommodate all of the Electees and other possible guests. This room was

made public in the same manner the date was made public. No other student organizations were involved in sponsoring the event. A rehearsal was performed with the different roles being assigned along with the different materials and items necessary for initiation being gathered. The members that were assisting with Initiation were organized to come at least an hour before initiation started. The Electees were instructed on arriving at least 30 minutes before initiation along with the formal dress attire and making sure they brought their bent. Initiation was organized by the Initiation Coordinator.

IV. Cost & Personnel Requirements:

There was no cost associated for this event because it was hosted on campus and by members. Additionally, there was no cost because all the materials had been made available and were reused from previous initiations.

V. Special Problems:

This event was planned at the beginning of the semester and the room was reserved from the beginning of the semester. However, the Registrar was not able to confirm a room until a few weeks later. This caused a delay in the announcement of the room for initiation. A crucial prop needed for initiation was broken but it was repaired and tested weeks before initiation. An Electee had never received a bent and this was resolved because the Initiation Coordinator had brought additional bents in case an electee had forgotten or had not received one. Furthermore, there was some misunderstanding on where the initiation was taking place because of the map placed on the UF TBP website that was directing where the location was for officer elections. This was resolved by simply muting the map and directing the confused people to the correct location.

VI. Over-all Evaluation/Results (Be Specific):

Initiation was a success because all the Electees showed up on time and there were no serious problems. Furthermore, there were no technical difficulties that were experienced during the Initiation ceremony. All the materials that were necessary for initiation were brought and set up in a timely manner. The traditions for the initiation ceremony were upheld and the members along with the Electees enjoyed the initiation ceremony and were glad they were able to become part of Tau Beta Pi.

VII. Index of Exhibits:

Members in Attendance: Felipe Lenz, Thomas Scruggs, Daniel Fuenmayor, Travis Satiritz, Maddie Sciallo, Frederick Hodgin, Jessica Matthews, Anderson Sheets, Razvan Vesa, Shannon Brown, Leah Carol, Nathan Miller, Felicia Sedwick

Advisors in Attendance: Dr. Mike Griffis, Dr. John Abbitt

Electees in Attendance: Jacob Amontree, Matthew Capriotti, Liam Carroll, Yantong Chen, Parker Evora, Brian Habing, Charles Hernandez, Shreedevi Kumar, Brian Kusnick, David Leonard, Alexander Leven, Lauren Medlin, Jake Pistiner, Leslie Richardson, Kaileigh Rock, Marcus Spanolios, Derya Tansel, Austin Vera, Michael Woc.

Photos of event:



Our newly initiated members pose for a group picture!



Our spring 2017 officer team poses for a picture with our chief chapter advisor and Dr. John Abbitt

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 37

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Spring Initiation Banquet

Date(s) of Project: 03/31/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 32

Electees: 0

Average number of hours per person spent on this project

Organizing: 8

Participating: 3

I. General Description:

The initiation banquet was held at Liquid Ginger in downtown Gainesville (101 SE 2 PI, Gainesville, FL 32601) right after initiation to celebrate our newly initiated members. The banquet's events consisted of giving out awards to our Best Electee, Best Member, Best Officer, Best Bent, Brain Challenge winner, and our Active Member scholarship; allowing 2 Tau Beta Pi alumni to give an inspirational speech, participating in the Tau Beta Pi yells, and dinner and dessert.

II. Purpose & Relationship to Objectives of TBP:

The purpose of the initiation banquet is to celebrate the newly initiated Tau Beta Pi members. Getting invited to join Tau Beta Pi is not an easy task because of the very restrictive scholastic requirements, and successfully accomplishing all the required tasks throughout the semester to be eligible for initiation is no easy task either. The tasks given throughout the semester, such as attending social and service events allows the members of Tau Beta Pi what it means to actually be a member and what values and principles a Tau Beta Pi member should hold.

III. Organization & Administration: (in conjunction with another group? Yes No)

The organization of this event started by finding a restaurant that was capable of holding approximately 45 guests on the day of the event (March 31, 2017) within a given budget of \$18/person. Over the course of several weeks I coordinated with an employee of Liquid Ginger to establish a menu that would cover a wide range of meal options along with other small details that would make the banquet possible. On top of that, I was responsible for creating the awards listed in section I to give the members who earned them. On the day of the event, all 42 guests who had RSVPd showed up to the restaurant at approximately 8pm. While waiting for food to come out, the chapter president conducted the "award ceremony," the yells, and allowed our two guest speakers to speak. The event ended at approximately 11 pm.

IV. Cost & Personnel Requirements:

The total cost of the dinner was \$790 after taxes and gratuity, which was well within the allotted budget. Other costs included materials for making programs, awards, and picking up cookies for dessert which totaled up to around \$30.

V. Special Problems:

There was no problem in planning the banquet. When planning it, I was told that the room that the banquet guests would be seated in would be a bit tight, but that the person organizing it had fit more people in it before. When arriving at the restaurant they were busier than they had expected so they were delayed in setting up our room. When the room was set up, it was definitely a tight fit and there was actually not enough seating for everyone despite the event coordinator knowing well in advance how many guests there were. There was about a 30-45 minute delay until there was enough seating for everyone. However, the restaurant compensated for the delay by giving us free appetizers.

VI. Over-all Evaluation/Results (Be Specific):

Despite there being a relatively large delay to the banquet, the banquet overall was a success. Everyone got their food in a timely manner and very much enjoyed their meals as well. While waiting for food, we were able to present awards, our speakers, and do the yells, and enjoy everyone's company, so everything ran very smoothly.

VII. Index of Exhibits:

Members in Attendance: Justin Cohen, Travis Satiritz, Catherine Miney, Ryan Dargan, Yantong Chen, Jessica Matthews, Anderson Sheets, Stephanie Voight, Austin Vera, Lauren Medlin, Felipe Lenz, Trevor Garlinghouse, Felicia Sedwick, Maddie Sciuillo, Surya Chandan Dhulipala, Thomas Scruggs, Matthew Capriotti, Michael Woc, Brian Habing, Shannon Brown, Frederick Hodgins, Nathan Miller, Shreedevi Kumar, Charlie Hernandez, Jake Pistiner, Jacob Amontree, Marcus Spanolios, Daniel Fuenmayor, Colton Weimerskirch, Razvan Vesa, David Leonard, Leslie Richardson, Dr. John Abbit.

Advisors in Attendance: Dr. Mike Griffis



Our members and family welcome the newly initiated members to our Tau Beta Pi chapter during dinner.

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 38

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Spring Snapchat Filter

Date(s) of Project: 03/31/2017

Project area: Community/ Liberal Culture University/ College Profession/ Engineering Chapter/ Social Education/ Professional Development

Number of persons who participated in this project

Members: 1

Electees: 0

Average number of hours per person spent on this project

Organizing: 1

Participating: 5

I. General Description:

We created an on-demand Snapchat filter to be used before and after the initiation ceremony and during the spring banquet, following the initiation.

II. Purpose & Relationship to Objectives of TBP:

The Snapchat geo-filters were created to engage Tau Beta Pi members with the UF community. Snapchat is a widely used mobile app, which provides its users with different filters that can be added onto their pictures based on their location. The app uses the user's phone GPS to know which geofilters to show. This is not only a fun way to get members involved, but also to improve the image of Tau Beta Pi on campus. Any person on snapchat during our time window and within our location "geofence" is eligible to see the Tau Beta Pi app.

III. Organization & Administration: (in conjunction with another group? Yes No)

The President designed the filter using Illustrator CS6 software. The bent image was downloaded from Tau Beta Pi's website (<https://www.tbp.org/off/graphics.cfm>). The geo filter was saved as a transparent PNG and uploaded directly to Snapchat's on-demand geofilter website (<https://www.snapchat.com/on-demand>)

IV. Cost & Personnel Requirements:

Each geofilter costed \$5. The President, who chose not to be refunded, paid the total of \$10 for both filters.

V. Special Problems:

None to report

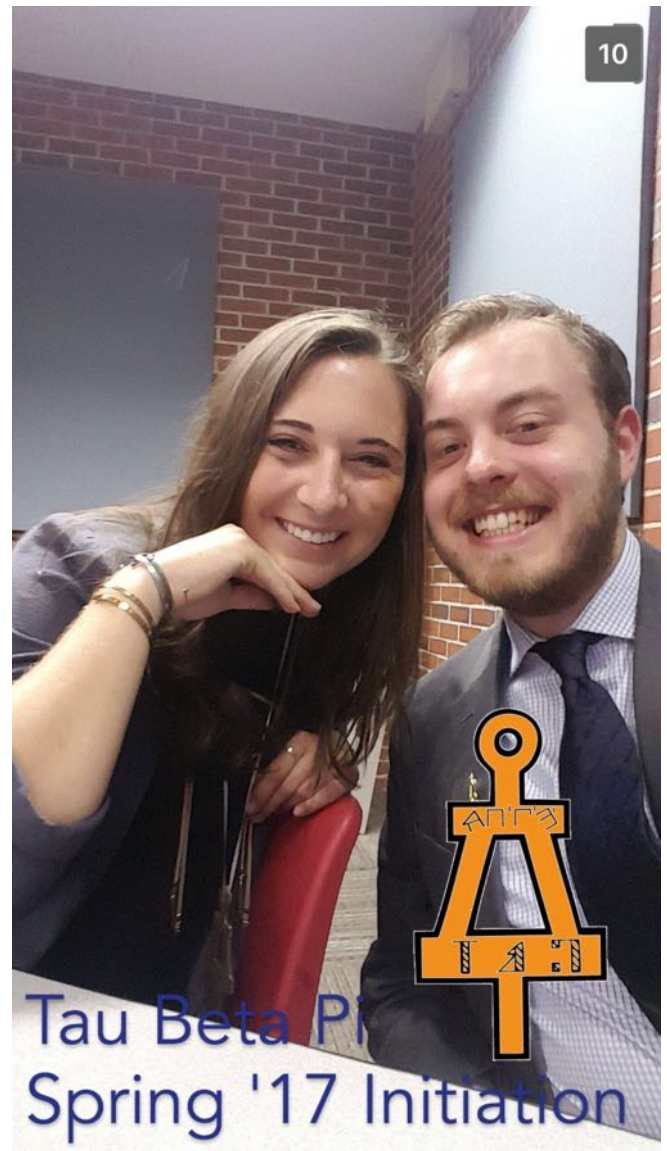
VI. Over-all Evaluation/Results (Be Specific):

We piloted the Snapchat geofilter efforts in the fall 2016, and our members and officers really enjoy using them. A total of 1,369 swipes were registered! Which means that the Tau Beta Pi bent was seen at least 1,369 times in the span of 5 hours—truly remarkable improvement on our chapter image!

VII. Index of Exhibits:

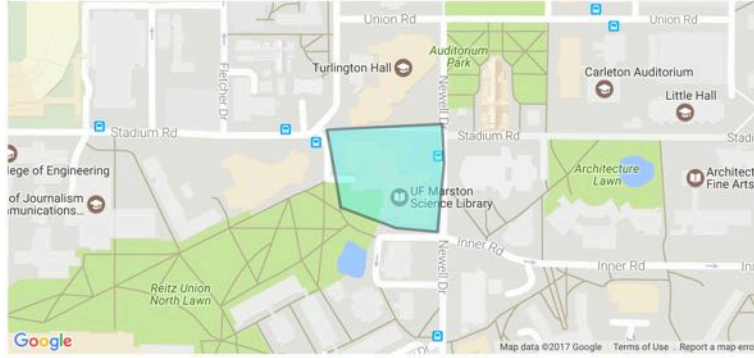
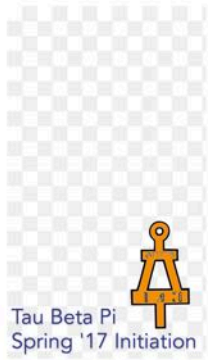
Members in Attendance: Impossible to know all who used the filter.

Pictures using the filter:



(Left) Some of our officer team poses for a selfie using the TBP Snapchat filter! (Right) Our treasurer Ryan poses for a selfie with our newly initiated member Kaileigh Rock and our TBP Snapchat filter!

TBP Spring Initiation



Details

○ Your Geofilter has completed its run.

Start Time
March 31, 2017 5:00 PM EDT

Date Ending
March 31, 2017 8:00 PM EDT

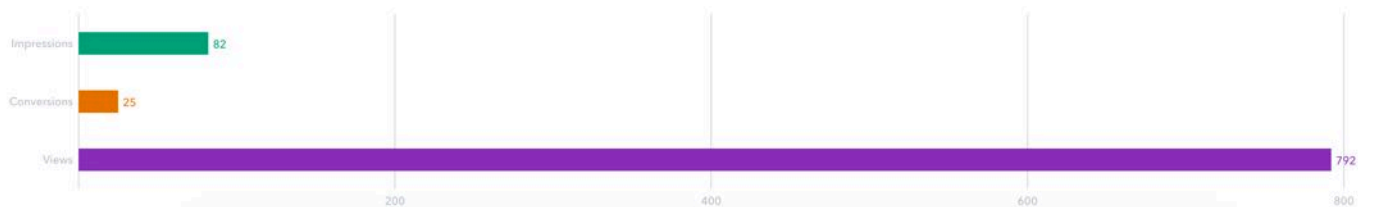
Cost
\$5.00 USD

Area Covered
135,277 Sq Ft

Date Submitted
March 27, 2017 8:44 PM EDT

Order ID
2ef20451-a3c0-46cc-97f2-e5a429cb3706

Metrics



Details on the initiation snapchat filter. A total of 792 views were computed during the 3-hour long filter!

TBP Spring Banquet



Details

○ Your Geofilter has completed its run.

Start Time
March 31, 2017 8:00 PM EDT

Date Ending
March 31, 2017 10:00 PM EDT

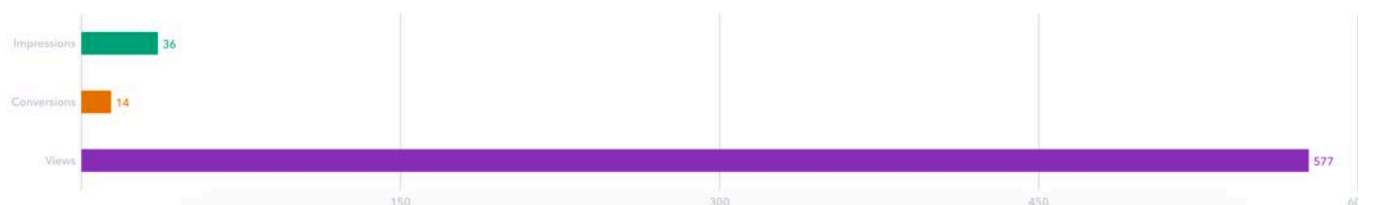
Cost
\$5.00 USD

Area Covered
97,780 Sq Ft

Date Submitted
March 27, 2017 8:49 PM EDT

Order ID
3129233a-9761-4ae5-b4b6-13d15be81513

Metrics



Details on the banquet snapchat filter. A total of 577 views were registered during the 2-hour long filter!

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 39

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Tau Beta Pi District 5 Conference

Date(s) of Project: 04/01/2017 – 04/28/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 12

Electees: 0

Average number of hours per person spent on this project

Organizing: 3

Participating: 20

I. General Description:

The 2017 District 5 Conference was held at the Klaus Advanced Computing Building in the Georgia Institute of Technology campus, in Atlanta, Georgia. The first day consisted of talks about chapter operations, officer guidelines, and expectations from HQ. The second day was dedicated for inter-chapter discussions. Florida Alpha brought 11 student delegates and 2 advisors to the conference, a total of 13 attendees, outnumbering all the chapters present in the amount of officers brought to the conference. Because we had many officers attending, we were able to be present in all four discussion committees (Activities, Image, Membership, and Leadership).

II. Purpose & Relationship to Objectives of TBP:

The District Conference serves as the governing body of TBP conducting the business in the southeast region of the US. It also has a crucial role on the training of student delegates, and as an opportunity for delegates from all parts of the district 5 region to meet and socialize with each other.

III. Organization & Administration: (in conjunction with another group? Yes No)

District 5 Directors in conjunction with Georgia Alpha collegiate chapter and the Atlanta Alumni chapter worked together to organize the event.

IV. Cost & Personnel Requirements:

All expenses were covered and reimbursed by TBP National Headquarters for the four delegates. The FL-Alpha chapter covered all the expenses associated with hotel accommodations for the rest of the delegates. Dr. Mike Griffis, chose not to have his expenses covered by Tau Beta Pi.

V. Special Problems:

No problems. The conference was excellent!

VI. Over-all Evaluation/Results (Be Specific):

District 5 conference was an exciting experience and a great place for chapter delegates to exchange ideas and encourage one another. Florida Alpha officers were asked many questions regarding our chapter operations and events and we were treated as an exemplary chapter in the region. Strong bonds between District 5 delegates and advisors were maintained and strengthened to help foster healthy chapters in the southeast for the remainder of the year.

VII. Index of Exhibits:

Members in Attendance: Ryan Dargan, Felipe Lenz, Travis Satiritz, Jessica Matthews, Maddie Sciallo, Colton Weimerskirch, Royce Reyes, Daniel Fuenmayor, Michael Shang, Celeste Rousseau, Catherine Miney, Trevor Garglinghouse, Dr. Mike Griffis.

Electees in Attendance: N/A.

Photos:



District 5 Group photo (Atlanta, 2017).

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 40

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Spring Officer Elections

Date(s) of Project: 04/04/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 68

Candidates: 0

Average number of hours per person spent on this project

Organizing: 1

Participating: 2

I. General Description:

This meeting was held in order to approve bylaw changes and elect new officers. The officer position titled "Vice President of Education Outreach (2 people per year)" was created to replace the GatorTRAX Coordinators (2 people per year) and the SECME Coordinators (2 people per year). The new bylaws make the VPs of Education Outreach responsible for planning and hosting both GatorTRAX and SECME events; the new bylaws also allow the VPs of Education Outreach to form and lead committees to help organize the two aforementioned Tau Beta Pi initiatives. Officer and advisor elections were held following the approval in the bylaw changes.

II. Purpose & Relationship to Objectives of TBP:

The purpose of this was to fill in open positions for the officer board of the Florida Alpha chapter. This chapter prides itself in its level of activity, and a critical component of that is having a large, well-organized, and active team of officers leading it and organizing all events related to Tau Beta Pi. It is one of the most effective ways for members to be active and involved in the organization, and make an impact that in turn leads to a meaningful experience as a member.

III. Organization & Administration: (in conjunction with another group? Yes No)

The session was set up by the officers of Tau Beta Pi. The Vice-President Reserved the room, the Social Coordinators bought pizza, and the President served as the Chair of Elections. Each member up for election had 1 minute to give a speech. The Recording Secretary was responsible for taking the attendance.

IV. Cost & Personnel Requirements:

\$100 for pizza.

V. Special Problems:

This was a long meeting and towards the end, members started to leave. We still had sufficient quorum, however, and all positions were filled.

VI. Over-all Evaluation/Results (Be Specific):

The officer elections were held without a hitch. All positions for the following 2017-2018 year, including semester-long positions for the fall 2017 semester, were filled. We also elected 4 new advisors: Dr. John Abbitt (term expires on May/2019), Thomas Scruggs (term expires on May/2018), Travis Satiritz (term expires on May/2018), and Daniel Fuenmayor (term expires on May/2018). Celeste Rousseau was reappointed for another year (term expires on May/2018).

VII. Index of Exhibits:

Members in Attendance: Jacob Amontree, Samuel Armington, Islam Badreldin, Daniel Barkley, Daniel Beach, Joshua Benjamin, Haley Bross, Shannon Brown, Gabriela Buraglia, Matthew Capriotti, Leah Carol, Liam Carroll, Yantong Chen, Justin Cohen, Ryan Dargan, Surya Chandan Dhulipala, Alyssa Egniew, Emily Ferradaz, Margaret Fettis, Jorge Figueras, Maddy Fuchs, Daniel Fuenmayor, Reagan Fuhr, Trevor Garlinghouse, Kasandra Gilley, Max Greene, Carla Guidi Azarola, Brian Habing, Michael Hallenstein, Adriana Henao, Charles Hernandez, Leah Hines, Frederick Hodgins, Shreedevi Kumar, Brian Kusnick, Adam LeMay, Felipe Lenz, John Leong, Tobias Lodemann, Brianna Malcolm, Jessica Matthews, Mark McNeely, Lauren Medlin, Nathan Miller, Catherine Miney, Madeleine Monfort, Dominick Mulder, Lauren Northrup, Gabrielle Paredes, Ankit Patel, Jake Pistiner, Royce Reyes, Leslie Richardson, Travis Satiritz, Maddie Sciallo, Thomas Scruggs, Felicia Sedwick, Michael Shang, Anderson Sheets, Sydney Shivers, Marcus Spanolios, Chad Spreadbury, Ryan St. Pierre, Douglas Steinbach, Zach Tveraas, Austin Vera, Razvan Vesa, Colton Weimerskirch.

Result of Elections:

President: Maddie Sciallo

Vice President: Jessica Matthews

Corresponding Secretary: Justin Cohen

Recording Secretary: Catherine Miney

Treasurer: Royce Reyes

Historian: Dominick Mulder

Vice-Presidents of Electees: Frederick Hodgins and Shreedevi Kumar

Vice-Presidents of Education Outreach: Felicia Sedwick and Lauren Medlin

Graduate Coordinator: Shannon Brown

Service Coordinators: Brian Habing and Carla Guidi

Social Coordinators: Trevor Garlinghouse and Colton Weimerskirch

Communications Chair: Yantong Chen

Webmaster: Leslie Richardson

Member Coordinator: Leah Carol

Alumni Coordinator: Ryan Dargan

Corporate Relations Chair: Felipe Lenz

BEC Rep: Matthew Capriotti

Clock Tower Coordinator: Max Greene

Initiation Coordinator: Surya Chandan Dhulipala
Banquet/Award Coordinator: Ankit Patel
FE Reviews Coordinator: Frederick Hodgkin
Tau Beta Pi Day Coordinator: Felicia Sedwick

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 41

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Spring Officer Transition Meeting

Date(s) of Project: 04/06/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 29

Candidates: 0

Average number of hours per person spent on this project

Organizing: 1

Participating: 2

I. General Description:

The outgoing officers met with their corresponding incoming officers for each position to fill out Officer Transition Reports and provide any other necessary resources and advice to help the incoming officers take over the responsibilities of their position. The meeting is only required for incoming or outgoing officers.

II. Purpose & Relationship to Objectives of TBP:

This meeting is held each semester to ensure a smooth transition between officer teams so that regular chapter operations and events continue to occur and that officers have the tools they need to succeed in their responsibilities.

III. Organization & Administration: (in conjunction with another group? Yes No)

The event was organized by the President and held in a classroom. The outgoing President (Felipe Lenz) and incoming President (Maddie Sciuolo) spent over 2 hours going over vital points of the President's duties. Following Officer Transition Meeting, some officers headed to a nearby bar/restaurant to socialize and have beer + appetizers.

IV. Cost & Personnel Requirements:

The event incurred no cost to the chapter.

V. Special Problems:

No special problems encountered.

VI. Over-all Evaluation/Results (Be Specific):

The event was a success. New officers were provided the information they needed to begin planning

for the spring semesters and were able to ask questions to clear up remaining uncertainties about the responsibilities of their positions.

VII. Index of Exhibits:

Members in Attendance: Matthew Capriotti, Leah Carol, Yantong Chen, Justin Cohen, Surya Dhulipala, Daniel Fuenmayor, Trevor Garlinghouse, Max Greene, Carla Guidi, Brian Habing, Frederick Hodgins, Shreedevi Kumar, Felipe Lenz, Jessica Matthews, Lauren Medlin, Nathan Miller, Catherine Miney, Dominick Mulder, Royce Reyes, Leslie Richardson, Travis Satiritz, Maddie Sciallo, Thomas Scruggs, Felicia Sedwick, Michael Shang, Anderson Sheets, Chad Spreadbury, Razvan Vesa, Colton Weimerskirch.

Engineering Growth

Fall 2016

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 42

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: New Student Welcome Reception

Date(s) of Project: 08/29/2016

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 6

Electees: 0

Average number of hours per person spent on this project

Organizing: 1

Participating: 2

I. General Description:

The University of Florida reached out to all engineering clubs to ask them to attend the Fall New Student Welcome Event. This activity provided our Tau Beta Pi chapter with an opportunity to meet UF's incoming engineering freshman, transfer, and graduate students. It also gave us a chance to interact with UF's new students and provide information on our events and programs.

II. Purpose & Relationship to Objectives of TBP:

The purpose of this was to introduce Tau Beta Pi to incoming engineering freshmen and motivate them to maintain a good GPA so they can join our chapter when they become a Junior. We believe that this event helped strengthening the image of Tau Beta Pi on campus and across UF's engineering community.

III. Organization & Administration: (in conjunction with another group? Yes No)

The President RSVP'd to the college's invitation and assembled a team of officers who were available to attend. All officers met at the Student Union and set a table full of Tau Beta Pi poster and flyers. All officers were asked to wear our chapter's officer polo to strengthen our visual image.

IV. Cost & Personnel Requirements:

No cost associated with this event.

V. Special Problems:

None to report.

VI. Over-all Evaluation/Results (Be Specific):

This was a successful event, but it was hard to introduce our chapter to freshmen and motivate them

to be involved since they wouldn't be eligible to join us until their Junior year (if they maintain a good GPA). We encourage the next generations of officers to think about more engaging ways to recruit freshmen—maybe forming a committee of TBP members from each engineering discipline and give their information out during events like this encouraging freshmen who need a mentor in their major to contact our TBP members.

VII. Index of Exhibits:

Members in Attendance: Ryan Dargan, Surya Dhulipala, Adam LeMay, Felipe Lenz, Travis Sataritz, Michael Shang.

Pictures:



(Left) Our Treasurer, Ryan Dargan, takes a picture with our school's mascot during the New Student Welcome Event. Go Gators! (Right) Our officer team poses in front of our outreach booth with Albert and Alberta!

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 43

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Fall Officer Retreat

Date(s) of Project: 09/11/2016

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 16

Electees: 0

Average number of hours per person spent on this project

Organizing: 1

Participating: 5

I. General Description:

Each year, the President of FL-Alpha chapter uses his/her discretionary funds (allocated after the Budget review with the Advisory Board) to host an officer retreat, so officers can get to know each other better before the beginning of the semester activities. This year, the President reserved the Challenge Ropes Course at Lake Wauburg at the University of Florida. The course activities were designed to build trust, leadership, working in groups, and solve problems.

II. Purpose & Relationship to Objectives of TBP:

This day-long activity included low and high courses. The low courses started with some stretches and warmup, followed by two sets of problem that needed to be solved in group. Challenges were added by the facilitators as the activities progress (e.g., one officer was blind folded, the other had their hands tied, and so forth). Our group completed all the challenges as a team and were acknowledged/complimented by the facilitators.

III. Organization & Administration: (in conjunction with another group? Yes No)

The President reserved the low and high courses with UF's Rec Center website (<http://recsports.ufl.edu/outdoors-adventure/uf-outdoor-team-challenge-courses>) in May 2016. It took them about 2 months to respond and give an available date. The date given was October 15th, a football game day (Homecoming), so the President decided to call back and request a new date. He was then given September 11th as the date for Tau Beta Pi. The president attended a pre-meeting with Lake Wauburg's staff on August 23rd, compiled an RSVP list and submitted a signed contract with the estimated headcount a week prior to the event.

IV. Cost & Personnel Requirements:

All officers encouraged to attend the ropes course activity. Because we had extra spots, two non-officer members were also invited to join our officer team. There were no costs associated with

scheduling the activity with UF's Rec Center since we are a registered student organization. The President spent \$80 in Publix subs, drinks, and bug spray.

V. Special Problems:

No special problems encountered.

VI. Over-all Evaluation/Results (Be Specific):

The ropes course was a success. The President received great feedback from all involved and the officers encouraged this to become a FL-Alpha tradition. The team building activities solidified our officer team and everyone was refreshed to start the Fall semester. The touch of adrenaline caused during the high course and zip line were enough to keep everyone excited until the very end of the event.

VII. Index of Exhibits:

Members in Attendance: Michael Shang, Felipe Lenz, Troy Heinzmann, Colton Weimerskirch, Anderson Sheets, Ryan Dargan, Michael Everette, Benjamin Schwaller, Shannon Brown, Travis Satiritz, Adam LeMay, Chad Spreadbury, Sebastian Sayavedra, Thomas Scruggs, Josh Wagner, Adithya Devraj.

Pictures:



Our officer team poses with the Gator Chomp prior to the high-ropes challenge course (seen in the back).



Our officers pose for a picture prior to the low-course challenge course.

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 44

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Fall GatorTRAX #1 (Earthquakes and Structures) **Date(s) of Project:** 9/24/2016

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project Members: 2 Electees: 10

Average number of hours per person spent on this project Organizing: 5 Participating: 3

I. General Description:

ASCE provided a short presentation to teach kids about civil engineering and the geometry used for buildings. We also had a shake table activity for the kids to perform, where they built structures to withstand the table shaking, and simulating earthquakes.

II. Purpose & Relationship to Objectives of TBP:

GatorTRAX is an engineering outreach event to introduce basic engineering concepts to kids.

III. Organization & Administration: (in conjunction with another group? Yes No)

ASCE provided the presentation and activity. Tau Beta Pi organized the event by securing ASCE and a room for the event.

IV. Cost & Personnel Requirements:

ASCE bought the materials needed for the activity. Tau Beta Pi will reimburse them the complete \$45.91.

V. Special Problems:

The presentation and activity were a little shorter than expected. Because of this, the kids started to run around in the room. The volunteers were able to keep the kids under control and nobody got hurt.

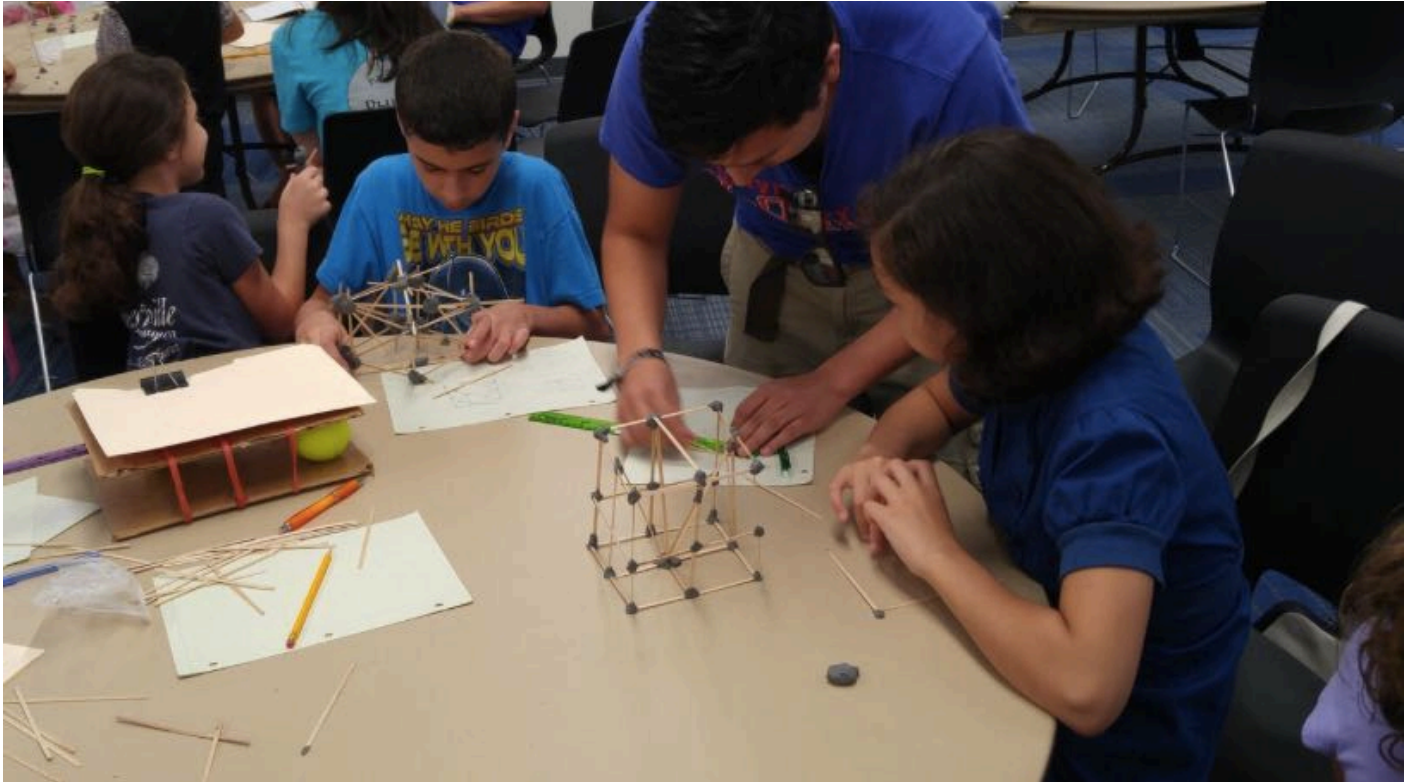
VI. Over-all Evaluation/Results (Be Specific):

The event was a huge success. Multiple parents expressed their gratitude as their kids loved the event. The volunteers also found the event to be fun and some even expressed excitement about future GatorTRAX events.

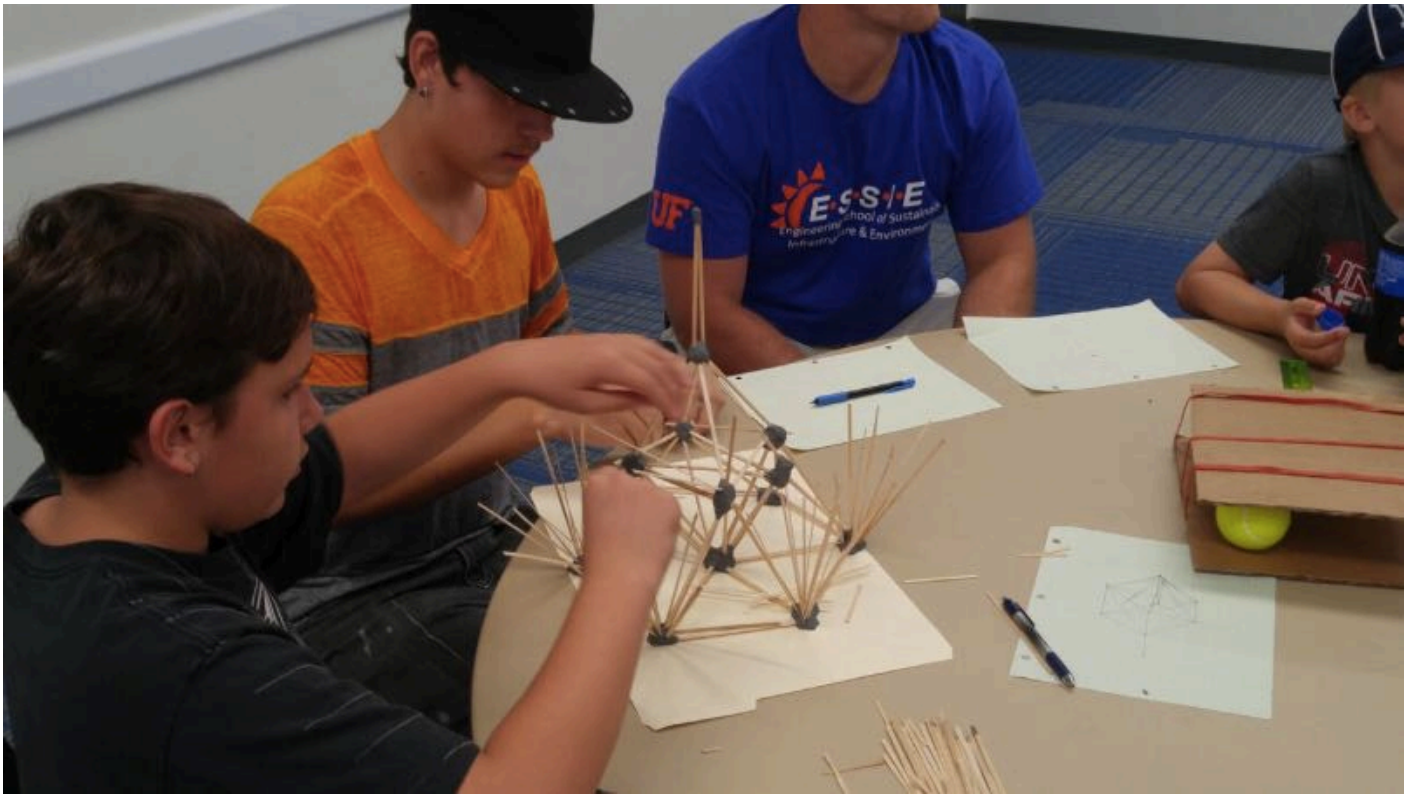
VII. Index of Exhibits:

Members in Attendance: Felipe Lenz, Colton Weimerskirch.

Electees in Attendance: Daniel Beach, Apoorv Jain, Emma Johson, Eric McGhee, Miguel Morales, Sydney Shivers, Douglas Steinbach, Natalie Vaughn, Nick Verrire, Lin Yuan.



A FL-Alpha candidate helps children creating their structures.



Some kids created complex structures to be tested for earthquake simulations.

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 45

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Fall GatorTRAX #2 (Hydrogels)

Date(s) of Project: 10/1/2016

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 4

Electees: 14

Average number of hours per person spent on this project

Organizing: 2

Participating: 3

I. General Description:

The Society for Biomaterials provided a presentation to teach kids the basics of hydrogels and how they can be used to replace body tissue or aid in dispensing medicine to problem areas. Work sheets and hydrogel samples were also provided to the kids.

II. Purpose & Relationship to Objectives of TBP:

GatorTRAX is an engineering outreach event to introduce basic engineering concepts to kids.

III. Organization & Administration: (in conjunction with another group? Yes No)

The Society for Biomaterials developed the presentation and worksheets, while Tau Beta Pi organized the event.

IV. Cost & Personnel Requirements:

The Society for Biomaterials provided all the materials and was reimbursed by Tau Beta Pi.

V. Special Problems:

The presentation and activity were a little shorter than expected. Because of this, the kids started to run around in the room. The volunteers were able to keep the kids under control and nobody got hurt.

VI. Over-all Evaluation/Results (Be Specific):

The event was a huge success. Multiple parents expressed their gratitude, as their kids loved the event. The volunteers also found the event to be fun and some even expressed excitement about future GatorTRAX events.

VII. Index of Exhibits:

Members in Attendance: Shannon Brown, Margaret Fettis, Olivia Lanier, Colton Weimerskirch.

Electees in Attendance: Leah Carol, Kathleen Dreyer, Camilla Edwards, Reagan Fuhr, Max Greene, Tobias Lodemann, Parker McBryde, Eric McGhee, Nathan Miller, Glendon Plumton, Royce Reyes, Felicia Sedwick, Brian Sokol, Razvan Vesa.



Two candidates help one boy completing his study sheet of hydrogels.



Children listen carefully for instructions.

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 46

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Corporate Dinner

Date(s) of Project: 09/27/2016

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 7

Electees: 15

Average number of hours per person spent on this project

Organizing: 35

Participating: 2.5

I. General Description:

We hosted a Corporate Dinner on September 27th, 7pm-9pm at Emerson Alumni Hall in Warrington Room A/B. The purpose of this event was to connect students with members of industry to further their success with obtaining internships and jobs. The event consisted of a catered dinner with three companies: Intel, Accenture, and Deloitte.

II. Purpose & Relationship to Objectives of TBP:

This dinner reinforces professionalism and allows for students to become leaders in the engineering field. This dinner was only open to Tau Beta Pi members and candidates.

III. Organization & Administration: (in conjunction with another group? Yes No)

This project required a great deal of organization. Troy first started planning in June, where the room for Emerson was booked, and companies were emailed (55 approximately) with the formal invitation. Many contacts in the company list had shifted positions and their e-mails no longer worked. Troy made new connections through friends with professional connections. President Felipe Lenz helped recruit Accenture and solely recruited Deloitte for the dinner. Follow-up emails were sent, a caterer was found, and prices were negotiated. Then the event was advertised through email and meetings the weeks prior. Information was sent to the companies to confirm their participation and payment.

IV. Cost & Personnel Requirements:

\$1068.16 for room and catering.

V. Special Problems:

No major issues. All recruiters arrived on time, seat arrangements worked well with a few exceptions. 91% of students who RSVP'd attended.

VI. Over-all Evaluation/Results (Be Specific):

Companies and attendees alike were very positive about this event. There were 3 recruiters and 24 people in attendance in total. A few students reported that they received interviews from the dinner.

VII. Index of Exhibits:

Members in Attendance: Troy Heinzmann, Michael Shang, Felipe Lenz, Michael Everette, Fidel Esquivel, Ryan Dargan.

Electees in Attendance: Razvan Vesa, Jeff Streitmatter IV, Nathan Miller, John Gregory, Henry Judson, Tobias Lodemann, Brian Sokol, Lin Yuan, Apoorv Jain, David Camero, Ryan Nordman, Ajay Ramaswamy, Devesh Chugh, Carlos Gonzalez, Venkata Surya Chaitanya Kolluru.



Our members and candidates were divided into 3 different table to discuss career opportunities with Intel, Accenture, and Deloitte.

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 47

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Fall GatorTRAX #3 (Kinetic and Potential Energy)

Date(s) of Project: 10/22/2016

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 4

Electees: 28

Average number of hours per person spent on this project

Organizing: 2

Participating: 3

I. General Description:

ASME provided a short presentation on kinetic and potential energy with a worksheet to supplement the material. After the presentation, the kids were broken into teams where they competed in a marble roller coaster design competition.

II. Purpose & Relationship to Objectives of TBP:

GatorTRAX is an engineering outreach event to introduce basic engineering concepts to kids.

III. Organization & Administration: (in conjunction with another group? Yes No)

ASME provided the presentation and activity. Tau Beta Pi organized the event by securing ASME and a room for the event.

IV. Cost & Personnel Requirements:

ASME used their normal outreach event activity and already had all the necessary materials.

V. Special Problems:

The presentation and activity were a little shorter than expected. Because of this, the kids started to run around in the room. The volunteers were able to keep the kids under control and nobody got hurt.

VI. Over-all Evaluation/Results (Be Specific):

The event was a huge success. Multiple parents expressed their gratitude, as their kids loved the event. The volunteers also found the event to be fun and some even expressed excitement about future GatorTRAX events.

VII. Index of Exhibits:

Members in Attendance: Kenneth McIntyre, Michael Shang, Colton Weimerskirch, Maddie Scullo.

Electees in Attendance: Justin Cohen, Dominick Mulder, Thomas Truchement, Erin Kolman, Kathleen Dreyer, Royce Reyes, Parker McBryde, Kyle Vu, Derya Tansel, Razvan Vesa, Lauren Northrup, Ryan Wicks, Brianna Malcom, Miguel Morales, Aaron Giles, Anna Montgomery, Miranda Lochner, Brian Sokol, Nick Verrire, Ankit Patel, Gabriela Burgalia, Trevor Garlinghouse, Apoorv Jain, Sylvie Hyman, Douglas Steinbach, Carlos Murillo, Felicia Sedwick, Carlos Gonzales.



FL-Alpha candidates help kids set up their car tracks.



Everyone listens carefully for instructions and potential energy demonstration.

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 48

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Fall GatorTRAX #4 (Electric Circuits) **Date(s) of Project:** 11/02/2016

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project Members: 2 Electees: 31

Average number of hours per person spent on this project Organizing: 2 Participating: 3

I. General Description:

ACE (Association of Computer Engineers) gave a short demonstration on circuits and electrical energy. After the presentation, the kids were broken into team and constructed circuits with commercial toy kits.

II. Purpose & Relationship to Objectives of TBP:

GatorTRAX is an engineering outreach event to introduce basic engineering concepts to kids.

III. Organization & Administration: (in conjunction with another group? Yes No)

ACE provided the presentation and activity. Tau Beta Pi organized the event by securing ACE, a room for the event, and volunteers to assist with activity.

IV. Cost & Personnel Requirements:

ACE used their normal outreach event activity and already had all the necessary materials.

V. Special Problems:

The presentation and activity were a little shorter than expected. Because of this, the kids started to run around in the room. The volunteers were able to keep the kids under control and nobody got hurt. We played heads up 7 up while waiting for pick up

VI. Over-all Evaluation/Results (Be Specific):

The event was a huge success. Multiple parents expressed their gratitude, as their kids loved the event. The volunteers also found the event to be fun and some even expressed excitement about future GatorTRAX events.

VII. Index of Exhibits:

Members in Attendance: Madeline Scullo, Colton Weimerskirch.

Electees in Attendance: Yanfang Ao, Samuel Armington, Daniel Barkley, Daniel Barkley, Kevin Barta, Joshua Benjamin, Haley Boss, Sheila Capote, Jorge Figueras, Max Greene, John Gregory, Leah Hines, Frederick Hodgins, Apoorv Jain, Amanda Johnson, Henry Judson, Chaitanya Kolluru, Jia Leong, Miranda Lochner, Nathan Miller, Katrina Milliser, Dominick Mulder, Lauren Northrup, Ankit Patel, Harry Reid, Felicia Sedwick, Kavin Shan, Sydney Shivers, Lana Smith, Thomas Truchement, Natalie Vaughn.



Candidates and children work as a team to solve the puzzle.



Everyone is having fun together!

Engineering Growth

Spring 2017

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 49

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Spring Officer Retreat

Date(s) of Project: 01/14/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 15

Electees: 0

Average number of hours per person spent on this project

Organizing: 1

Participating: 1

I. General Description:

Each semester, the President of FL-Alpha chapter uses his/her discretionary funds (allocated after the Budget review with the Advisory Board) to host an officer retreat, so officers can get to know each other better before the beginning of the semester activities. This year, the President took the officers to eat tacos at the Tijuana Flats on University Ave. They had a promotion of \$2 per taco.

II. Purpose & Relationship to Objectives of TBP:

This casual dinner made officers bond and appreciate their officer positions with Tau Beta Pi. All officers were given free tacos (some ordered their own beer, paid by them, since our chapter does not pay for alcohol). This event was hosted on a Saturday, and many officers appreciated the free taco break during their studies.

III. Organization & Administration: (in conjunction with another group? Yes No)

The President sent out an email inviting the officer team to arrive at Tijuana Flats by 4 PM. Each officer ordered their tacos at the counter and the President covered the costs with his Wells Fargo card linked to Tau Beta Pi's corporate account.

IV. Cost & Personnel Requirements:

\$92.53 was spent in tacos for 15 officers and one guest.

V. Special Problems:

No special problems encountered.

VI. Over-all Evaluation/Results (Be Specific):

The spring officer retreat dinner was a success. The President received great feedback from all involved and the officers encouraged this to become a FL-Alpha tradition.

VII. Index of Exhibits:

Members in Attendance: Michael Everette, Brianna Malcom, Chad Spreadburry, Ankit Patel, Leah Carol, Ryan Dargan, Anderson Sheets, Felicia Sedwick, Catherine Miney, Felipe Lenz, Maddie Scullo, Nathan Miller, Royce Reyes, Mihcael Shang, Trevor Garlinghouse.

Pictures:



Our officer team poses for a picture after eating Tacos, guacamole, and queso!

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 50

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Resume Critique Workshop

Date(s) of Project: 01/23/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 12

Electees: 0

Average number of hours per person spent on this project

Organizing: 1

Participating: 1

I. General Description:

Three officers, who are current Ph.D. Candidates, offered their knowledge, experience, and skill in a workshop to cover key topics which separate a good resume from an excellent resume. This resume was a last minute review and critique for the upcoming Career Fair held on campus every semester.

II. Purpose & Relationship to Objectives of TBP:

Tau Beta Pi hosted the event and it was open to all current members. The event was held in order to further develop professionalism and careers. Tau Beta Pi is focused on helping all of its members succeed and accomplish their goals. With the help of excellent resumes, this workshop will lead to more opportunities for members and increase their chances a successful career and of their top choice.

III. Organization & Administration: (in conjunction with another group? Yes No)

This event was surveyed for interested and advertised at the Member meeting a week prior to the event. This was also advertised via email communications "This Week in Tau Beta Pi." This was also advertised in the event in the Master List of Dates on the home page of the UF TBP website. No other student organizations were involved in sponsoring the event. The Resume Critique Workshop was organized by Tau Beta Pi Social Coordinators.

IV. Cost & Personnel Requirements:

This event did not require personnel to be present since it was hosted by current graduate students with industry experience. There was no cost associated for this event since it was hosted on campus and by officers.

V. Special Problems:

This event was planned and announced last minute, but gained a lot of interest for last minute help

with resumes, because it was schedule a couple day before the UF Career Showcase. For those that could not attend and reached out for help, we were able to meet with them the next day (a day before the UF Career Showcase) to review their resumes and give tips.

To avoid this issue and to gain more attendance, this should be incorporated into our semesterly schedule and coordinated by our Graduate Coordinator.

VI. Over-all Evaluation/Results (Be Specific):

Overall, it was a huge success. Many students left the workshop with confidence and skills in developing their resume to receive an interview for a job.

VII. Index of Exhibits:

Members in Attendance: Josh Benjamin, Shannon Brown, Leah Carol, Maddy Fuchs, Felipe Lenz, Jessica Matthews, Ankit Patel, Maddie Sciuillo, Brian Sokol, Felicia Sedwick, Douglas Steinbach, Razvan Vesa.



Attendees engaging in a meaningful discussion about resume tips presented during the event.

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 51

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Spring GatorTRAX #1 (Styrofoam Airplanes)

Date(s) of Project: 02/06/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 5

Electees: 3

Average number of hours per person spent on this project

Organizing: 1

Participating: 2

I. General Description:

This semester, our Tau Beta Pi chapter has adopted Stephen Foster Elementary School and committed to host 2 GatorTRAX sessions per year. This was the first session, where we gave a short presentation on how airplanes fly to a 5th grade class. After the presentation, the students built delta wing gliders out of styrofoam. After building their airplanes, they were given a work sheet in which they had to predict the airplane path based on the positions of the airplanes elevons. In the end, each kid was given the opportunity to decorate their planes.

II. Purpose & Relationship to Objectives of TBP:

GatorTRAX is an engineering outreach event designed to teach simple engineering concepts to kids in hopes that they will become interested in engineering.

III. Organization & Administration: (in conjunction with another group? Yes No)

The event was organized and run by Tau Beta Pi's GatorTRAX Coordinators with the help of volunteers. Each volunteer had to register online with the Alachua County Public School System, where an individual background check was run. On the day of the event, each Tau Beta Pi volunteer had to check-in at the reception and were required to wear their student IDs in a plastic badge holder that had to be made visible at all times.

IV. Cost & Personnel Requirements:

This event costed our Tau Beta Pi chapter \$25 and required volunteers to keep the kids on task.

V. Special Problems:

None to report.

VI. Over-all Evaluation/Results (Be Specific):

The event was a success! The teacher of the class, Ms. Valleke, expressed her gratitude and the students seemed to greatly enjoy the activity.

VII. Index of Exhibits:

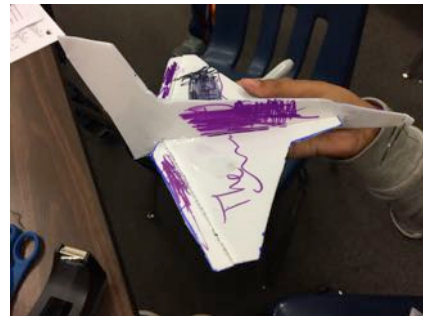
Members in Attendance: Alyssa Egnew, Felipe Lenz, Travis Satiritz, Madeline Scullo, Colton Weimerskirch.

Electees in Attendance: Brian Habing, Charles Hernandez, Kaileigh Rock.

Pictures:



(Left) Our Tau Beta Pi volunteers explain the activity to class. (Right) 5th graders testing their Styrofoam gliders outside.



(Left, Center, Right) Some examples of the decorated airplanes. This class was very creative!

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 52

New

Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Spring GatorTRAX #2 (Electric Circuits)

Date(s) of Project: 02/11/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 8

Electees: 9

Average number of hours per person spent on this project

Organizing: 1

Participating: 3

I. General Description:

IEEE provided a presentation on electric circuits, including energy and dissipation through resistors. IEEE then had their volunteers build a night-light using a breadboard with the help of the kids.

II. Purpose & Relationship to Objectives of TBP:

GatorTRAX is an engineering outreach event designed to teach simple engineering concepts to kids from kindergarden to 8th grade in hopes that they will become interested in engineering.

III. Organization & Administration: (in conjunction with another group? Yes No)

The event was organized by Tau Beta Pi's GatorTRAX coordinators, but was run by IEEE and their outreach coordinators.

IV. Cost & Personnel Requirements:

There were no costs associated with this event since IEEE already had all required materials. Tau Beta Pi volunteers mainly talked to the kids and answered questions due to the IEEE volunteers running the activity.

V. Special Problems:

There were no problems at this event other than a few kids getting upset that they didn't know any of the other kids there. We were able to settle them down so everyone could have a good time.

VI. Over-all Evaluation/Results (Be Specific):

The event was a huge success. The IEEE volunteer running the event was very animated and was great at explaining things to the kids.

VII. Index of Exhibits:

Members in Attendance: Leah Carol, Jessica Matthews, Maddie Sciuolo, Felicia Sedwick, Michael Shang, Thomas Truchement, Erica Weber, Colton Weimerskirch.

Electees in Attendance: Jacob Amontree, Liam Carroll, Charles Hernandez, Rinor Iejzullarm, Aryan Jebelli, Brian Kusnick, Gabriela Mayer, Jake Pistiner, Michael Wac.



Our TBP electee explains the activity to our attendees.

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 53

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: E-Fair (Day 1 and Day 2)

Date(s) of Project: 02/13-02/14/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 5

Electees: 3

Average number of hours per person spent on this project

Organizing: 1

Participating: 4

I. General Description:

Block stacking activities were executed in a fair setting to engage grade school students in STEM. The goal was to stack blocks the farthest out from the edge of the table without collapsing. The team who won was able to stack the block 21 inches away from the edge of the table!

II. Purpose & Relationship to Objectives of TBP:

To foster a spirit of academic excellence and curiosity in young students. To inspire the future generations of engineering students

III. Organization & Administration: (in conjunction with another group? Yes No)

Benton Engineering Council organizes the fair and each student organization is given a desk and spot in the grand ballroom at the student union.

IV. Cost & Personnel Requirements:

There were no costs associated with this event since we already had the supplies necessary for the activity. The BEC Representative created a Doodle poll to gauge interest and schedule shifts so our TBP booth had people to entertain the kids at all times.

V. Special Problems:

When the event was busy, there weren't enough blocks to satisfy the needs of all the students.

VI. Over-all Evaluation/Results (Be Specific):

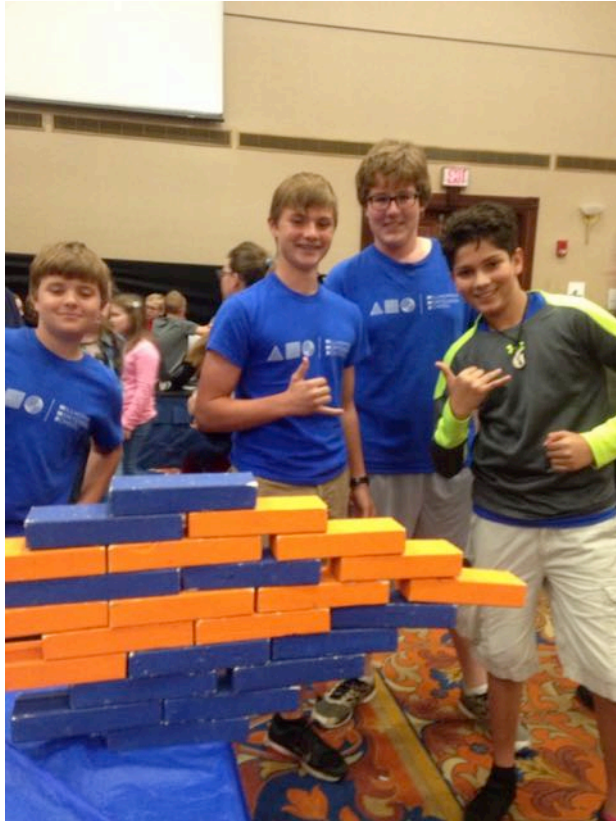
The students and volunteers enjoyed challenging themselves in the block stacking. Students engaged in friendly competition facilitated by a dynamic leaderboard.

VII. Index of Exhibits:

Members in Attendance: Adam LeMay, Michael Shang, Felipe Lenz, Trevor Garlinghouse, Brianna Malcolm, Jessica Matthews

Electees in Attendance: Lauren Meldin, Parker Evora, Shreedevi Kumar

Pictures:



(Left) The winning team, which stacked the blocks 21 inches from the edge of the table! (Right) our members take on the challenge to stack blocks to form the Tau Beta Pi Bent—impressive.



Adam explains the goal of the activity to a group of 5th graders.

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 54

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Spring GatorTRAX #3 (Structures)

Date(s) of Project: 02/18/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 13

Electees: 9

Average number of hours per person spent on this project

Organizing: 2

Participating: 3

I. General Description:

Pi Tau Sigma (Mechanical Engineering Honors Society), our partner organization, provided a short presentation to introduce structures to the students. After the lecture, the students were divided into teams to compete in creating the tallest spaghetti tower.

II. Purpose & Relationship to Objectives of TBP:

GatorTRAX is an engineering outreach event designed to teach simple engineering concepts to kids from kindergarden to 8th grade in hopes that they will become interested in engineering

III. Organization & Administration: (in conjunction with another group? Yes No)

Pi Tau Sigma developed the presentation and provided the materials. Tau Beta Pi planned the event date and booked the presenting society.

IV. Cost & Personnel Requirements:

Pi Tau Sigma reused materials from previous events, so this event had no cost to Tau Beta Pi.

V. Special Problems:

None to report.

VI. Over-all Evaluation/Results (Be Specific):

This event had plenty of volunteers and many kids show up. The students enjoyed the presentation and activity, and the parents continued to express their gratitude.

VII. Index of Exhibits:

Members in Attendance: Justin Cohen, Trevor Garlinghouse, Carlos Gonzales, Michael Hallenstein, Emma Johnson, John Leong, Catherine Miney, Royce Reyes, Madeline Sciuлло, Brian Sokol, Thomas

Truchement, Razvan Vesa, Colton Weimerskirch.

Electees in Attendance: Matthew Capriotti, Liam Carroll, Shreedan Kumar, Alexander Leven, Lauren Medlin, Leslie Richardson, Ben Rusler, Naomi Sommer, Marcus Spanolios, Austin Vera.



Our members, some of whom are also Pi Tau Sigma, help kids build the tallest pasta tower.

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 55

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Spring GatorTRAX #4 (Putty)

Date(s) of Project: 03/18/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 13

Electees: 7

Average number of hours per person spent on this project

Organizing: 2

Participating: 3

I. General Description:

AICHE, our partner organization, performed a short presentation introducing chemical engineering to students. AICHE also brought several small demonstrations that they brought around to tables while the students made silly putty.

II. Purpose & Relationship to Objectives of TBP:

GatorTRAX is an engineering outreach event designed to teach simple engineering concepts to kids from kindergarden to 8th grade in hopes that they will become interested in engineering.

III. Organization & Administration: (in conjunction with another group? Yes No)

AICHE provided the presentation, demonstrations, and activity. Tau Beta Pi organized the event, scheduled the room, contacted parents, and register children.

IV. Cost & Personnel Requirements:

Tau Beta Pi reimbursed AICHE for the activity materials. Volunteers were required to help students with the activity.

V. Special Problems:

None to report

VI. Over-all Evaluation/Results (Be Specific):

While being the least structured GatorTRAX event of the semester, the students seemed to enjoy this one the most. Table to table demonstrations seem to elevate enjoyment.

VII. Index of Exhibits:

Members in Attendance: Daniel Barkley, Joshua Benjamin, Carlos Gonzalez, Carla Guidi Azarola, Jessica

Tau Beta Pi

Florida Alpha Chapter

Matthews, Catherine Miney, Dominick Mulder, Lauren Northrup, Ankit Patel, Maddie Sciuillo, Thomas Scruggs, Felicia Sedwick, Colton Weimerskirch.

Electees in Attendance: Matthew Capriotti, Yantong Chen, Parker Evora, Charles Hernandez, Shreedevi Kumar, Brian Kusnick, Zach Tveraas.



(Left) Our candidate helps children get the correct ratio of materials to make putty. (Right) one of the children plays with his putty to test strength and viscosity.



(Left) Our gatorTRAX coordinator explains viscosity. (Right) Nice putty!

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 56

New

Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Spring GatorTRAX #5 (Styrofoam Airplanes)

Date(s) of Project: 03/27/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 5

Electees: 2

Average number of hours per person spent on this project

Organizing: 1

Participating: 2

I. General Description:

This semester, our Tau Beta Pi chapter has adopted Stephen Foster Elementary School and committed to host 2 GatorTRAX sessions per year. This was the second session of the semester, where we gave a short presentation on how airplanes fly to a 5th grade class. After the presentation, the students built delta wing gliders out of styrofoam. After building their airplanes, they were given a work sheet in which they had to predict the airplane path based on the positions of the airplanes elevons. In the end, each kid was given the opportunity to decorate their planes.

II. Purpose & Relationship to Objectives of TBP:

GatorTRAX is an engineering outreach event designed to teach simple engineering concepts to kids in hopes that they will become interested in engineering.

III. Organization & Administration: (in conjunction with another group? Yes No)

The event was organized and run by Tau Beta Pi's GatorTRAX Coordinators with the help of volunteers. Each volunteer had to register online with the Alachua County Public School System, where an individual background check was run. On the day of the event, each Tau Beta Pi volunteer had to check-in at the reception and were required to wear their student IDs in a plastic badge holder that had to be made visible at all times.

IV. Cost & Personnel Requirements:

This cost of supplies incurred by our Tau Beta Pi chapter was \$25 and required volunteers to keep the kids on task.

V. Special Problems:

None to report.

VI. Over-all Evaluation/Results (Be Specific):

The event was a success! The teacher of the class, Ms. Valleke, expressed her gratitude and the students seemed to greatly enjoy the activity.

VII. Index of Exhibits:

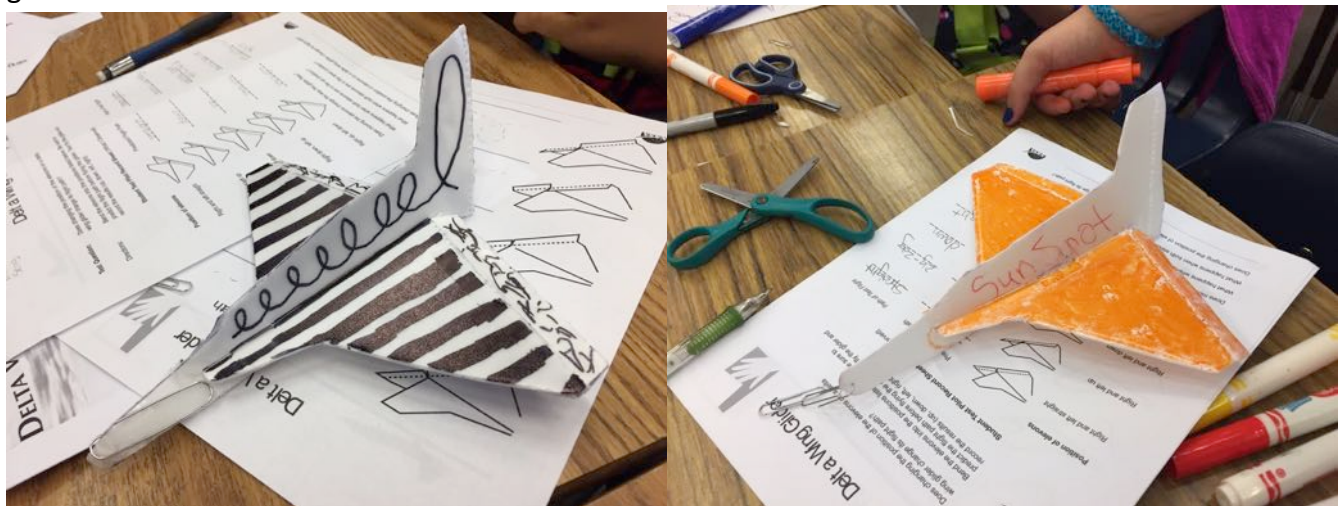
Members in Attendance: Alyssa Egnew, Carla Guidi, Felipe Lenz, Madeline Sciuлло, Colton Weimerskirch.

Electees in Attendance: David Leonard, Kaileigh Rock.

Pictures:



(Left) Kids work on their path projections. (Right) One of the 5th graders poses next to his Styrofoam glider “Fire Phoenix.”



(Left and Right) Examples of the decorated Styrofoam gliders on top of work sheets.

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 57

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Corporate Newsletter

Date(s) of Project: 04/08/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 2

Electees: 0

Average number of hours per person spent on this project

Organizing: 2

Participating: 2

I. General Description:

A letter of pictures and accomplishments by the chapter to thank our sponsors.

II. Purpose & Relationship to Objectives of TBP:

Increase relationship to sponsors by showing them what their money goes to.

III. Organization & Administration: (in conjunction with another group? Yes No)

The President came up with the idea and the Corporate Relations Chair worked on it. After a first draft, the President and the Corporate Relations Chair sat down together edit and add the final touches.

IV. Cost & Personnel Requirements:

There were no costs incurred with this project.

V. Special Problems:

None to report.

VI. Over-all Evaluation/Results (Be Specific):

Satisfied that the corporate sponsors get something nice to look at and have faces to think of when they choose to donate to us again or work with us at all.

VII. Index of Exhibits:

Members in Attendance: Felipe Lenz and Douglas Steinbach.

Newsletter Result:



Corporate Newsletter
 Thanks to your generous donation we were able to do so much this year!

- We initiated **76 students**
- We sent 2 delegates to National Convention in San Diego, CA and 12 delegates to the Southeast District Conference in Atlanta, GA
- We held a tailgate during the fall
- Completed **21 hours** of street clean-ups
- Held 2 officer retreat events
- Hosted **27 hours of STEM outreach** to K-12 students



Engineering Education

Summer 2016

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 58

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: E-Futures: Analytical Problem Solving **Date(s) of Project:** 07/23/2016

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project Members: 8 Candidates: 0

Average number of hours per person spent on this project Organizing: 4 Participating: 4

I. General Description:

E-Futures is a professional development seminar that aims to improve often neglected soft skills of students and professionals. Materials presented are geared towards an audience with an appreciation for engineering. This session, analytical problem solving, teaches people to form structured processes for problem solving that may be applied to a wide variety of problems.

II. Purpose & Relationship to Objectives of TBP:

E-Futures serves to improve the professional demeanor of TBP. This seminar will allow academically strong TBP members to learn and enhance their problem solving abilities in a wide variety of settings.

III. Organization & Administration: (in conjunction with another group? Yes No)

Requested E-Futures through National TBP. Reserved a room and helped with the logistics by setting a convenient time in advance. Advertised to members and enhanced the experience with purchase of refreshments from Publix the day of the session.

IV. Cost & Personnel Requirements:

Cost for refreshments provided was \$54.49

V. Special Problems:

This was UF TBP's first summer E-Futures session at least in a while. It was unknown how attendance would be affected. There were 2 facilitators who taught 9 people. Analytical Problem Solving will be used to determine better ways to incite attendance. This teacher to student ratio may have been non-economical. Also, Publix had not logged the order in the system during that day and as a result had to rush special provisions. Redundancy will be performed next time to ensure that this doesn't happen again. Also, the session was ended abruptly with a power outage. The early end of the session due to

the power outage resulted in people leaving without really exchanging contact information. I was unable to see the facilitators out of the building, and felt that the late start and abrupt end may have resulted in a slightly impersonal experience for the facilitators. This should not happen again.

VI. Over-all Evaluation/Results (Be Specific):

I enjoyed the structure of the session, specifically Wendy. I felt that Andrew was a bit new and slightly rushed, since he got stuck in traffic and ran to the class. However, he was rather friendly and did a good job with the materials that Wendy gave him. I thought that Wendy did a good job guiding Andrew to teach a good session. I felt slightly embarrassed that UF was only able to have 9 people show, including the person that Andrew had brought. Food was late, so I imagine some people were distracted in the earlier parts of the session. Overall, I felt the attendees really enjoyed the event. It became quite social during the exercises and students received a good break from exams. I hope the hosting is better next time and UF attendance increases.

VII. Index of Exhibits:

Members in Attendance: Felipe Lenz, Ryan Dargan, Chad Spreadbury, Ben Schwaller, Daniel Fuenmayor, Cristian Cocconcelli, Michael Shang.

Electees in Attendance: N/A.

Non-Tau Beta Pi affiliates in attendance: Kelsy Choquehuanca, Alison Morris.

Engineering Education

Fall 2016

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 59

New

Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Fall FE Exam Reviews (8 sessions)

Date(s) of Project: from 10/30—10 /18/2016

Project area:

Community/
Liberal Culture

University/
College

Profession/
Engineering

Chapter/
Social

Education/
Professional
Development

Number of persons who participated in this project

Members: 2*

Electees: 1*

*Detailed attendance is attached at the end of this report.

Average number of hours per person spent on this project

Organizing: 15

Participating: 2

I. General Description:

The FE Review Coordinator organized the event in conjunction with Chi Epsilon the civil engineering honor society. The event was advertised through various Engineering Listservs, flyers, and word-of-mouth. The event was organized by requesting rooms for specific dates and coordinating schedules through e-mails and meetings with professors. Before the event, an RSVP page on an established website allowed prospective attendees to sign-up for the event so that the FE Review Coordinator could send out reminder e-mails. During each session, there was an online sign-in sheet to keep track of member/non-member status and payment amount. A student from either Chi Epsilon or Tau Beta Pi was present at each session. These sessions were approximately 2 hours long and professors generally spent the first third to half of the session refreshing the students on key concepts and the remainder of the allotted time going over practice questions. Afterwards, the FE Review Coordinator gave quick announcements pertaining to the next event. The professor was appreciated for his time and effort and given a gift card. Although the gift card does significantly reduce the revenue of the event, I highly suggest TBP continues the practice. The professors seemed very pleased we gave them a thank you note and gift card. I received an e-mail from a professor in response saying how nice of a gesture the gift cards were.

II. Purpose & Relationship to Objectives of TBP:

TBP's purpose in hosting this fundraiser was to help students who participated in the event to effectively prepare for the Fundamentals of Engineering Exam.

III. Organization & Administration: (in conjunction with another group? Yes No)

These events were in conjunction with Chi Epsilon, the Civil Engineering Honors Society.

IV. Cost & Personnel Requirements:

Each professor was given a \$20 gift card for his or her efforts. (8 x \$20= \$160) The participants paid a total of \$328 and Chi Epsilon and Tau Beta Pi shared the profits ($\$328/2 = \164) The total revenue for these events was \$4. At each session, at least 1 student volunteer was present to take attendance, collect payments and assist the professor providing the review. A few professors requested we print materials for them.

V. Special Problems:

The review sessions were nearly exclusively civil engineering students and the department of civil engineering requires their students to pass the exam prior to graduation. The “non-Civil” review we held, thermodynamics, only 2 students attended.

VI. Over-all Evaluation/Results (Be Specific):

The event was successful since we had 24 people attending our sessions. However, advertising should be improved. It could be helpful if the officer is from the civil engineering department or another engineering specialty that has a high participation in the FE exam.

VII. Index of Exhibits:

Members in Attendance: Maggie Fettis, Chad Spreadbury.

Electees in Attendance: Apoorv Jain.

Detailed Attendance:

| Name | Chi Ep Member (Y/N) | Tau Beta Pi Member (Y/N) | Pay for all sections (\$24) | Pay per section (\$8) | Sessions Attended | | | | | | | | |
|----------------------|---------------------|--------------------------|-----------------------------|-----------------------|-------------------|---|---|---|---|---|---|---|---|
| | | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
| Charles Spears | N | N | X | | | | | | | | | | |
| Robert Hubbard | N | N | X | | X | X | | X | | X | X | X | X |
| Joseph Augustin | N | N | X | | X | X | | X | X | X | X | X | X |
| Courtney Bodor | N | N | X | | X | X | | | | | | | |
| Frank Albelo | N | N | | X | X | | | | | | | | |
| Shawn Miller | N | N | X | | X | X | | | | | | | |
| Jacob Lennertz | N | N | X | | | | | | | | | | |
| Sean Comerford | N | N | X | | X | | | | X | | | | |
| Ellie Wilson | N | N | X | | | | | | | | | | |
| Eric McGhee | N | Y | X | | | | | | | | | | |
| Tyler Reinhardt | N | N | X | | X | X | | X | | | | | |
| Mario Urzua | N | N | X | | | | | | | | | | |
| Blake Cunningham | N | N | X | | X | X | | X | X | X | X | X | X |
| Jesus Bohorquez | N | N | X | | | X | | | X | X | | | X |
| Ryan Dargan | N | Y | X | | | | | | | | | | |
| DJ McGrath | N | N | X | | | | | | | | | | |
| Carson Gonzalez | N | N | X | | X | X | | X | X | X | X | X | X |
| Kevin Casasanovas | N | N | X | | X | X | | X | X | X | | | X |
| David Stephens | N | N | X | | | | | | | X | | | X |
| Apoorv Jain | N | Y | | X | | | X | | | | | | |
| Chad Spreadbury | N | Y | | X | | | X | | | X | X | | |
| Kyle Knight | N | N | | | | | | | X | | X | | |
| Jean-pierre Griffith | N | N | | X | | | | | | X | X | X | X |

| Subjects for Session Numbers | | | |
|------------------------------|---|------------------|---|
| Dynamics | 1 | Mech. of Mat's | 5 |
| Wastewater | 2 | CE Materials | 6 |
| Thermo | 3 | Fluids | 7 |
| Geotech | 4 | Struct. Analysis | 8 |

Pictures:



Engineering students learn about Mechanics of Materials.

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 60

New

Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: E-Futures: Group Process

Date(s) of Project: 11/05/2016

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 0

Candidates: 0

Average number of hours per person spent on this project

Organizing: 60

Participating: 1

I. General Description:

E-Futures is a professional development seminar that aims to improve often neglected soft skills of students and professionals. Materials presented are geared towards an audience with an appreciation for engineering. This session, group process, teaches people to effectively work in and manage a team, and also problem solve with a group of people.

II. Purpose & Relationship to Objectives of TBP:

E-Futures serves to improve the professional demeanor of TBP. This seminar will allow academically strong TBP members to learn and enhance their soft skills in a wide variety of settings. In addition, this event is essential to enhancing the community of learning within the College of Engineering and preserving the Tau Beta Pi's "honors society" culture, that informs students everywhere that strong academic strength is always aided by helping the community and sharing the fortune of knowledge. This class, which is nondiscriminatorily available to all students, help promote the awareness of the TBP honors society without an initiation fee or recruitment process attached. This ultimately changes public perception of this organization, which has unending benefits to future recruitment numbers and also the acceptance and respect for TBP from recruiters for future jobs or other entities.

III. Organization & Administration: (in conjunction with another group? Yes No)

Requested E-Futures through National TBP. Reserved rooms and helped with the logistics by setting a convenient time in advance. Advertised to members and enhanced the experience with purchase of refreshments from Publix the day of the session. Posted flyers around campus advertising event. Talked in other organization General Body Meetings advertising event. Plug-in for event when I attended two public events on behalf of TBP, one in the Reitz targeting Freshman and one in Turlington for BEC. Facebook advertisements for events. Creation of custom advertising material for each session type. This included fielding responses with different age groups to identify popular

problems associated with each lesson type. Emailed 10 different list-servs of non-official student-affiliated groups. Started organizing during the summer, 6 months prior.

IV. Cost & Personnel Requirements:

Event did not happen. Orders and arrangements were cancelled/not placed.

V. Special Problems:

Even though requests were made through the summer for any info on requirement change possibilities, no details about national requirements and session request openings for E-Futures were released until after the start of the Fall semester, later than 2 months after the start of organizing/advertising these events. We hit the 15-minimum registrant requirement, but the session was canceled by nationals because a facilitator could not be found by the time the registrants signed. As a result, 17 registrants who made the time commitment to come to the 11/15/2016 session were given a little less than a month's notice that the event was cancelled. 2 other sessions, to be 10/01/2016 and 10/29/2016 were cancelled by us. There was no E-Futures available for Fall candidates, and they had to wait until the spring. Also, some groups did not respond to advertising requests.

VI. Over-all Evaluation/Results (Be Specific):

We followed all national guidelines, which caused delays and ultimately a failed attempt to host an E-Futures this fall semester when we will initiate 60+ candidates. Candidates attracted to TBP for its diversity of events were probably deterred. This may have negatively impacted recruitment, which may have directly reduced the fees that both TBP chapter and national would get. At FL-A the need for E-Futures is there, whether people RSVP/participate or not. The results of the Fall 2016 E-Futures attempt for TBP FL-A were a lot of wasted resources for a negative impact. In hindsight, it would have been better to not mention these sessions in the fall. From a personal level of organizing this event, it felt very bad to set up events and advertise them for a couple months only to have to cancel all of them. It was a frustrating experience organizing these events and the rewards were negative. The worst experience was apologizing to candidates on a personal level who because of the late updates to session request policies did not get to graduate with an E-Futures class that they wanted to try out.

VII. Index of Exhibits:

Members in Attendance: None (See sections V and VI above).

Electees in Attendance: None (See sections V and VI above).

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 61

New

Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Fall Graduate Mini-Talks

Date(s) of Project: 09/20/16, 10/04/16, 11/01/16, 11/15/16

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project Members: 34, 17, 25, 22 Electees: 65, 54, 48, 37

Average number of hours per person spent on this project Organizing: 1 Participating: 0.5

I. General Description:

This semester we piloted a program in which graduate student members of our officer team volunteered to give a brief overview of their research to our membership and candidates. These presentations were meant to be short, flashy, and engaging summaries of what the graduate student is researching and why. Talks were limited to a few slides and a few minutes such that ideas could be fully communicated without getting into too much technical detail. The so-called “mini-talks” were held during general body meetings so that they could extend to the largest audience of TBP members and candidates.

II. Purpose & Relationship to Objectives of TBP:

Tau Beta Pi members and candidates have the potential to accomplish amazing feats not only in their engineering careers but also while still in school. One route to obtain hands-on engineering experience and potentially make meaningful contributions to society is through university research. However, many undergraduates are uncertain about their interests in research and how to obtain a research position. The purposes of this new program are to:

- Educate students about the immensely varied research fields conducted in their college and profession
- Help inform students uncertain about the potential future directions in which they can take their career, possibly giving them insight into new avenues of engineering they weren't previously aware are researched by engineers
- Inspire students to initiate research at the undergraduate level, thereby
 - increasing their technological expertise, communication skills, critical thinking, and hands-on experience, all of which craft an individual into a better professional engineer

- giving undergraduate students opportunities to make meaningful contributions to society by applying their engineering knowledge in an academic setting
- giving undergraduate students translatable skills that can bolster their candidacy for graduate schools and jobs after graduation
- Inform students about graduate student life from the perspectives of current graduate student Tau Beta Pi members and illustrate that our membership is active in our chapter even when pursuing graduate degrees
- Motivate the graduate student community to become involved in Tau Beta Pi

III. Organization & Administration: (in conjunction with another group? Yes No)

The mini-talks were held during general body meetings so that they could extend to the largest audience of TBP members and candidates. The schedule was organized as shown below:

| Meeting | Date | Grad talk 1 | Grad talk 2 |
|---------|--------|--|---|
| 1 | 20-Sep | Ben Schwaller, MS electrical engineering <i>"How to find a position and steps to success for getting started in research"</i> | Michael Shang, PhD Medical Physics <i>"Tumor treatment via laser ablation and proton therapy" and "radiation therapy modeling in respiration and the canine phantom"</i> |
| 2 | 4-Oct | Shannon Brown, PhD Biomedical engineering <i>"Improving osteoarthritis therapies with nanotechnology"</i> | N/A |
| 3 | 18-Oct | None - candidate election | |
| 4 | 1-Nov | Maddie Sciuillo, PhD Electrical engineering <i>"Transistor pH sensors"</i> | Surya Dhulipala, PhD Electrical engineering <i>"Smart grid & cybersecurity"</i> |
| 5 | 15-Nov | Thomas Scruggs, MS Mechanical and Aerospace engineering <i>"Space debris"</i> | Chad Spreadbury, PhD Environmental engineering <i>(canceled for time purposes; rescheduled for Spring)</i> |

IV. Cost & Personnel Requirements:

No costs were required for this program. Personnel included the graduate coordinator to organize the presentation schedule, send reminders to presenters, and to develop the program. Presenters were officers that volunteered to talk.

V. Special Problems:

Some of our speakers went over time, giving more technical detail than needed. This caused some students in the audience to lose interest and even leave the room! For the talks that occurred after that incident (meeting 4), the graduate coordinator strongly emphasized that the talks should be *as concise as possible*, and challenged the speakers to get all information on a single slide. While the following talk at meeting 5 was not on a single slide, the speaker was considerably more concise and painted a broader, less technical picture of his research so the problem was corrected.

VI. Over-all Evaluation/Results (Be Specific):

The graduate mini-talk program was overall a success and we will try to incorporate this program into future semesters. With the exception of meeting 4 talks that went over time and too deep into technical detail, the talks were well-received. Speakers has students come up to them after the meetings to inquire more about their labs and projects.

VII. Index of Exhibits:

Members in Attendance: Please see meeting attendance for meetings 1, 2, 4, and 5.

Electees in Attendance: Please see meeting attendance for meetings 1, 2, 4, and 5.

Pictures:

Surya Chandan Dhulipala, our webmaster, giving his research Mini Talk at Meeting 4.

Slides of Mini Talks for each student and their respective degree/field in parenthesis:

(A) Michael Shang (MP)

Canine Phantom Dosimetry

Electron Specific Absorbed Fractions

- $< 10^{-4} \text{ kg}^2$
- $< 10^{-3} \text{ kg}^2$
- $< 10^{-2} \text{ kg}^2$
- $< 10^{-1} \text{ kg}^2$
- $< 10^0 \text{ kg}^2$
- $< 10^1 \text{ kg}^2$
- $< 10^2 \text{ kg}^2$

Courtesy of Dr. Sands

MRI Sequencing

$$S = S_0(1 - e^{-TR/T_1}) \times e^{-TR/T_2}$$

| TR (ms) | TE (ms) | T1 Weighted | T2 Weighted |
|---------|---------|-------------|-------------|
| 100 | 10 | High | Low |
| 1000 | 10 | High | Low |
| 1000 | 100 | Low | High |
| 10000 | 100 | Low | High |

Laser Ablation

Investigating the impact of laser ablation on the joint structure and function.

Proton Therapy

beam direction

SOBP region (12 proton beams)

Respiratory Gating in Rad. Therapy

(B) Shannon Brown (BME)

ENGINEERS for LIFE. Sharma Lab

Engineer TISSUE MODELS

Engineer BIOMATERIALS

Engineer STEM CELLS

Disease modification

- Osteoarthritis is a disease of the whole joint, acting primarily in the cartilage
- Over 27 million cases in the US
- Costs over \$150 billion annually
- Causes a low quality of life
- Without a cure

Why can't we fix bad joints?

Injected therapies are cleared too quickly to be effective at halting or reversing the disease

My research: improving the fate of injectable drugs

Nanoparticles can...

- Get into dense tissues (cartilage)
- Carry drugs
- Be modified to target specific tissues

Some of my research questions...

Within the joint, where do drugs/nanoparticles go after injection?

How do we engineer nanotechnology that accumulates in cartilage?

How does the cartilage health impact our ability to deliver drugs?

OVERALL GOAL: Improve therapeutic potential of osteoarthritis drugs to reduce the onset and progression of this painful, costly, and debilitating disease

Questions? Want to talk nano/orthopaedic? shannonbrown@ufl.edu

(C) Maddie Sciuillo (EE)

Transistor Review & Sensors Applications

GaN Buffer Layer

Insulator

SiC substrate

Applied Drain Bias

Increasing V_g

Simulation Physics

TCAD Florida Object-Oriented Device Simulator (FLOODS)

- neutral surface site
- hydrogen ion
- other ions

| Bulk Semiconductor | Contacts | Bulk Electrolyte | Electrolyte/Semiconductor Interface |
|-------------------------|-----------------------|-------------------------|-------------------------------------|
| Electron/hole transport | Carrier/Charge fluxes | Ion transport | Surface reactions |
| Electrostatic potential | | Electrostatic potential | Adsorbed molecular charge |
| Polarization charge | | | |

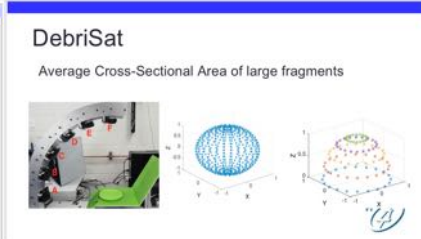
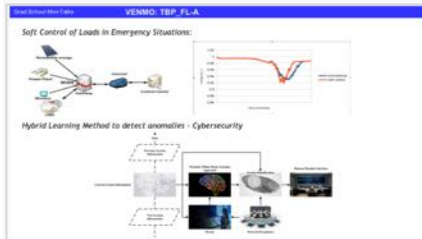
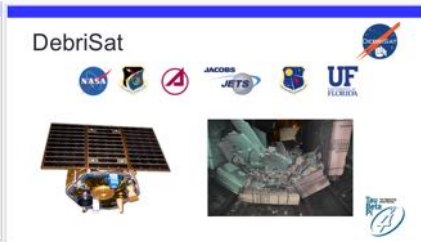
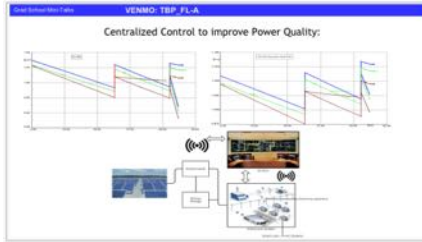
Simulation Physics: Chemical Reactions

Simulated amphoteric nature of the surface/Electrolyte using site binding model for oxides, S. Levine and A.L. Smith, for Hydrogen ions interacting with un-metalized gate

- (1) $[S - OH_2^+] \rightleftharpoons [S - OH] + [H^+]$
- (2) $[S - OH] \rightleftharpoons [S - O^-] + [H^+]$
- (3) $K_1[S - O^-][H^+] - K_2[S - OH] + \frac{d}{dt}[S - O^-] = 0$
- (4) $K_3[S - OH][H^+] - K_4[S - OH_2^+] + \frac{d}{dt}[S - OH] = 0$
- (5) $[S - OH] = N_s - [S - O^-] - [S - OH_2^+]$

- neutral surface site, S-OH
- hydrogen ion, H⁺
- other ions
- Sodium (Na⁺), Chlorine (Cl⁻), Hydrogen (H⁺), and another negative charge A (A⁻).

(D) Surya Chandan Dhulipala (EE) (E) Thomas Scruggs (MAE)



The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 62

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Stanford University Graduate School **Date(s) of Project:** 11/21/2016
Recruiting Session

Project area: Community/ Liberal Culture University/ College Profession/ Engineering Chapter/ Social Education/ Professional Development

Number of persons who participated in this project Members: 10 Electees: 0

Average number of hours per person spent on this project Organizing: 1 Participating: 2

I. General Description:

A University of Florida alumnus who currently attends Stanford University as a graduate student, visited campus to promote the Stanford graduate program to prospective Tau Beta Pi members who were interested in progressing past their undergraduate studies.

II. Purpose & Relationship to Objectives of TBP:

The purpose of this was to offer incentives to apply to Stanford University's graduate school, as well as guidance in carrying out the process. Research opportunities, as well as opportunities for financial aid were also provided during the presentation.

III. Organization & Administration: (in conjunction with another group? Yes No)

The session was set up by the officers of Tau Beta Pi and monitored by the Recording Secretary, to fill in for the President's absence.

IV. Cost & Personnel Requirements:

\$100 for pizza.

V. Special Problems:

None to report.

VI. Over-all Evaluation/Results (Be Specific):

The session had a fairly small number of students in attendance, but the level of engagement between them and the recruiter was very high. A great deal of information was provided and the students received more guidance on the process of applying to graduate school, as well an encouragement to

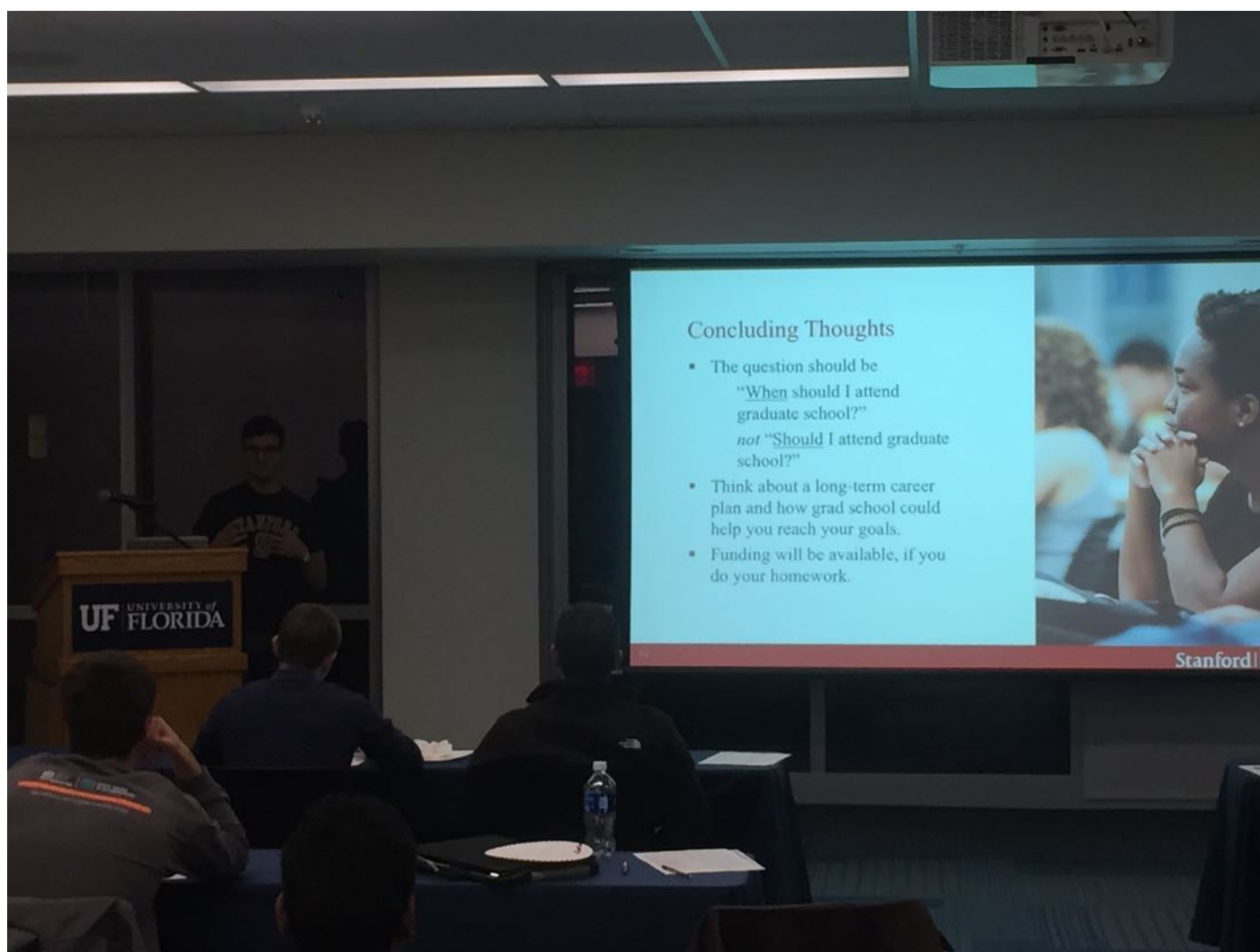
apply for difficult programs such as this one.

VII. Index of Exhibits:

Members in Attendance: Daniella Abdin, Daniel Beach, Fidel Esquivel Estay, Daniel Fuenmayor, Trevor Garlinghouse, Aaron Giles, Troy Heinzmann, Venkata Surya Chaitanya Kolluru, Miguel Morales, Michael Shang, Brian Sokol, Lin Yuan.

Electees in Attendance: N/A.

Pictures:



Adrian Piedra, UF alumnus and current graduate student at Stanford University speaks to our students about the reasons to attend graduate school.



FL-Alpha members attending the Stanford Graduate Recruiting event at UF

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 63

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Fall TEE Video Recording Sessions

Date(s) of Project: 10/22, 11/15, 11/16, 11/17/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 2

Electees: 3

Average number of hours per person spent on this project

Organizing: 7

Participating: 2

I. General Description:

The electee/member records a video tutorial of an engineering subject of their interest with the TEE chairperson. The TEE chairperson then edits the video and uploads it onto YouTube for public viewing. Electees/members interested in the program submit an application listing their topic of interest, and their preferred dates and times to record their video. The electees/members then create a summary of their lesson plan that and submit it for approval by the TEE chairperson. During the approval process, the TEE chairperson assesses the level of preparation that the electee/member has made to ensure that there is sufficient time to record the tutorial. After the summary is approved, the electee/member and the TEE Chairperson meet at One Button Studio on the appointed date to record the tutorial.

II. Purpose & Relationship to Objectives of TBP:

The program upholds the fundamental principles of the Code of Ethics of Engineers particularly in the use of knowledge and skill for the enhancement of human welfare and in improving the competence and prestige of the engineering profession by providing unrestricted access to engineering concepts to anyone interested in pursuing an education in engineering in the form of publically available video tutorials.

III. Organization & Administration: (in conjunction with another group? Yes No)

Library West, particularly One Button Studio where the video tutorials were recorded

IV. Cost & Personnel Requirements:

All equipment used was already available. The equipment used in this project were a 4' by 3' dry erase board, two easels, markers, a 32 Gb USB 3.0 flash drive and a computer. All software used to edit the videos are free and open source. The software used consist of Blender (Editing Software), Audacity (Audio Software), Inkscape (Graphic Software), and VLC Player. Alternative software can be used if

available in other chapters. The recording Studio (One Button Studio) was

V. Special Problems:

The Dibs! Program used to reserve One Button Studio is restrictive when there are multiple recordings on the same day since the TEE chairperson can reserve only one room at a time. Alternative recording methods through applications such as Open Broadcast Software for Windows or Shou for Google Play enabled smart devices may prove useful for chapters that do not have One Button Studio or similar recording studios. Blender is not a user friendly program to edit videos with render times averaging around 7 hours per 15 minutes of rendered video and limited indication of the quality of the render before the process is finished. Also the order of operations is absolutely critical for the Blender rendering process. Other video editing software may prove to be more user friendly but at the cost of requiring a paid license or proprietary hardware to use. The TEE program was marketed as a flexible means to obtain service hours to electees/members. This made the workload very unbalanced during the semester with limited interest from the electees at the start of the semester and a lot of interest during the week of initiation. Technical difficulties were not uncommon during recording. Because of this, the 2-hour reservation of One Button Studio generally resulted in a 15-minute video. There were some problems with electees/members submitting the summary of their lesson plans for approval before their recording date. This is concerning since the approval process is used to assess if the electee/member has prepared enough to be able to record the video within the time allotted and to ensure that the material that they covered in their tutorial was honorably made. Care should be taken to ensure that the videos do not cover copyrighted material and do not encourage academic dishonesty.

VI. Over-all Evaluation/Results (Be Specific):

Although participation was limited, I would consider this project to be a success. Members/Electees were able to record engineering topics that are/will be publically available for viewing on YouTube which will have a longer lasting impact than conventional tutoring as done in a previous iteration of the TEE program. I believe this program has further potential as it can be used to record the graduate student mini-talks that have been a part of our general body meetings for this semester. If the program continues into the coming semesters, the library of recorded videos will be a great asset for members to use and the strong indication of community involvement from the videos may serve to advertise Tau Beta Pi to future candidates. That being said, the program can only stay alive if members and electees continue to show interest in the program. For this semester, this was accomplished by providing service hours for each recording session and by changing the requirement for best electee from attending the E-Future seminars to attending a TEE Recording Session. If the TEE program were to continue into the next semester, I would recommend to continue to use the program as a requirement for best electee.

VII. Index of Exhibits:

Members in Attendance: Maddie Sciallo, Kenneth McIntyre.

Electees in Attendance: Daniel Barkley, Royce Reyes, Wisam Fares.

Photos:

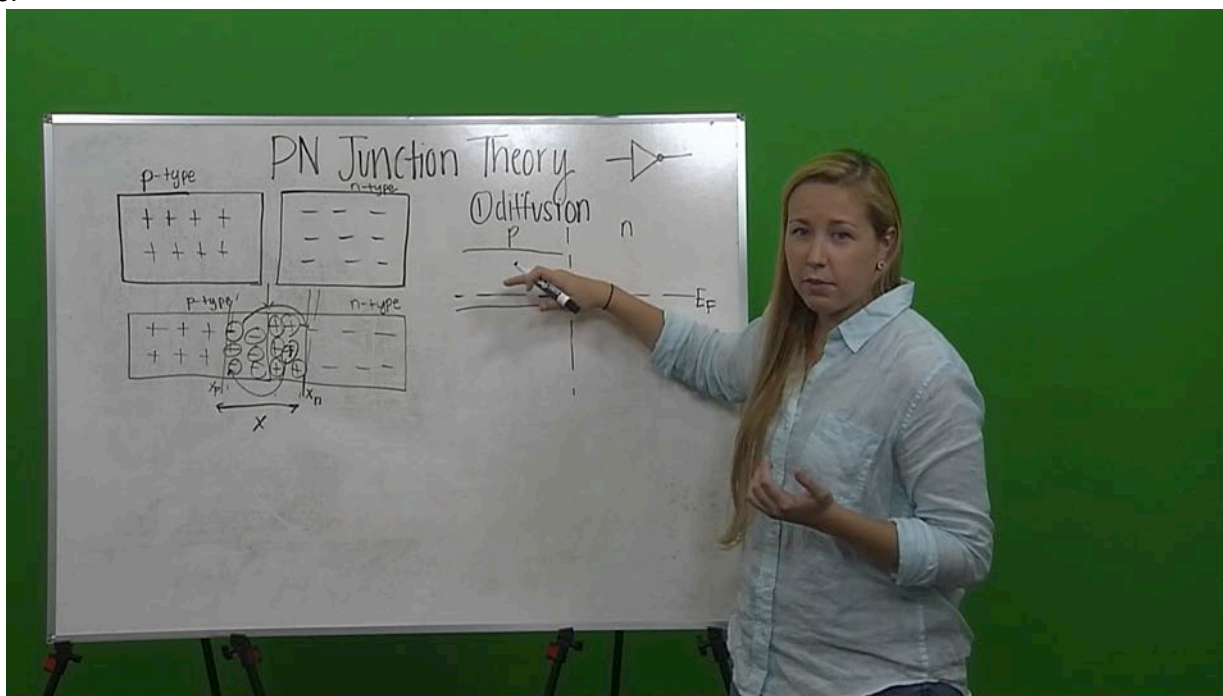


Fig. 1. Maddie Scullo presenting a chemistry tutorial on PN Junction Theory

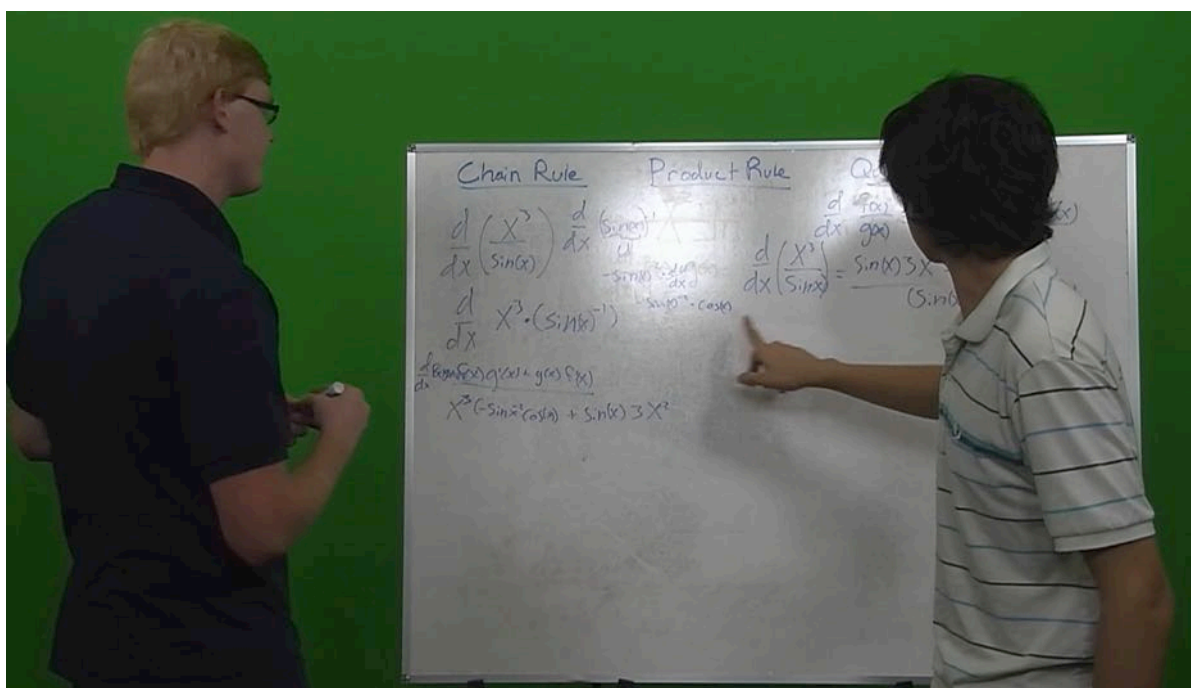


Fig. 2. Daniel Barkley presenting a calculus tutorial on methods of derivation. Daniel Barkley and the Kenneth McIntyre are shown here checking if the math was correct.

$$\Delta V_g = \frac{V_s R_1 R_2}{(R_1 + R_2)^2} \left(\frac{\Delta R_{g1}}{R_{g1}} - \frac{\Delta R_{g2}}{R_{g2}} \right)$$

$$\Delta V_g = V_s \Delta R_g$$

Fig. 3. Screen shot of Royce Reye’s Mechanics of Materials Lab tutorial on Wheat stone bridges. Since the TEE chairperson and the electee were not able to reserve a room at One Button Studio at the appointed date, an alternative recording method was devised using an application called Shou and a Samsung Galaxy Note 3.

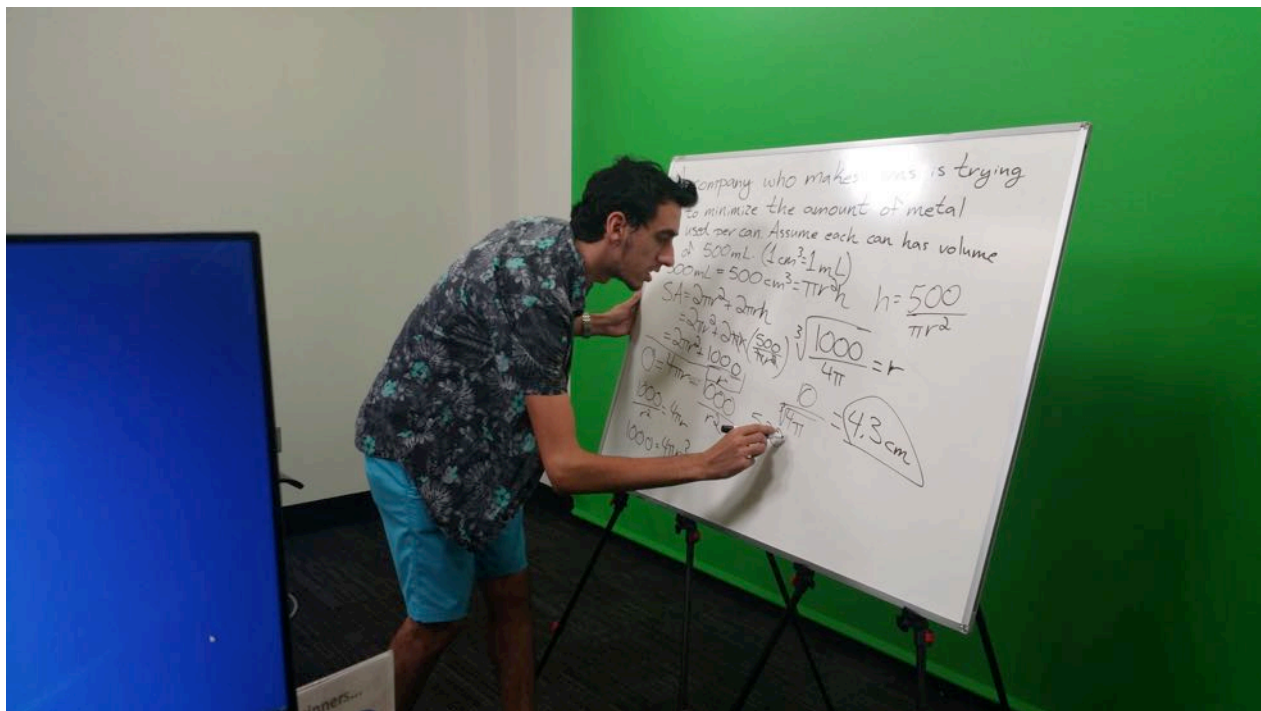


Fig. 4. Wisam Fares presenting a tutorial on optimization problems. This perspective shows some of the setup available in One Button Studio.

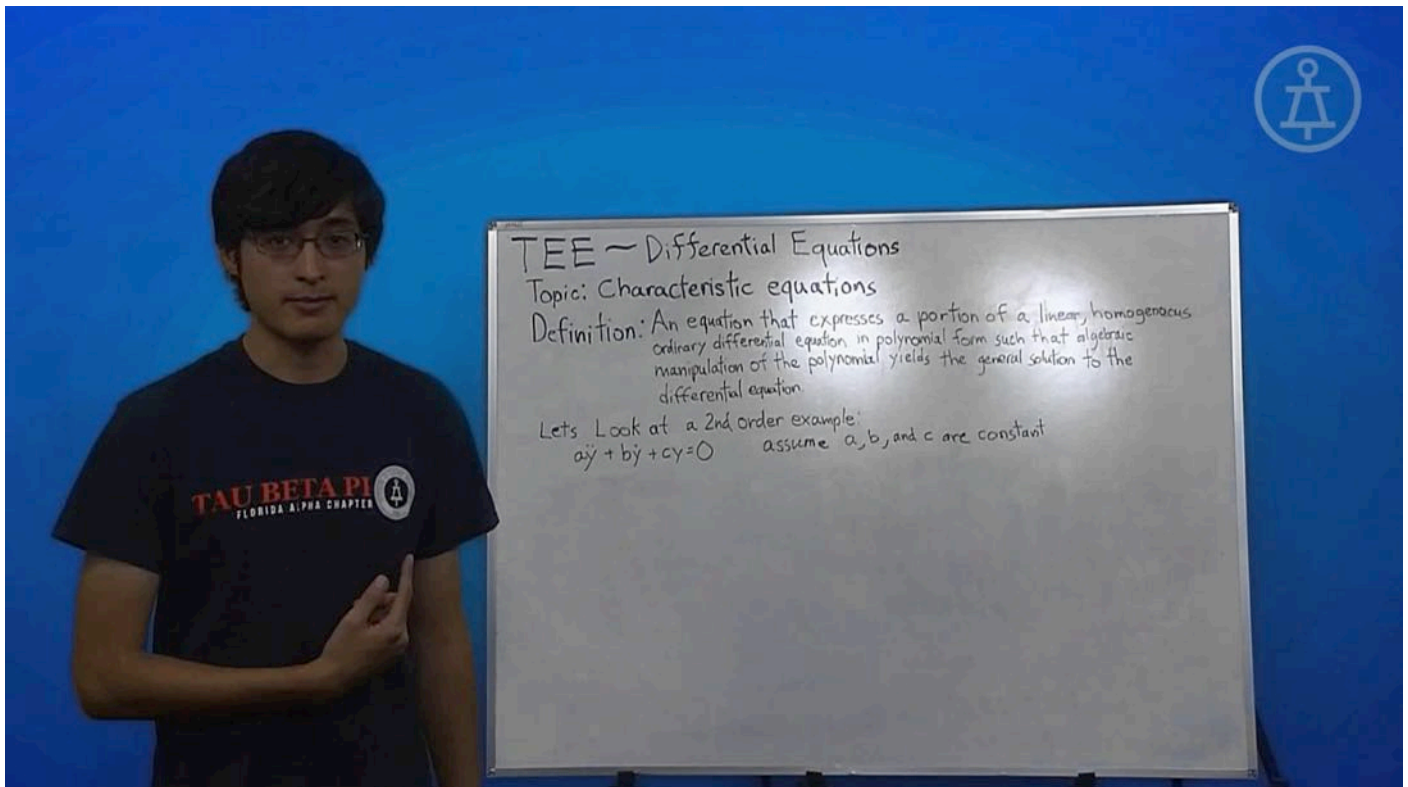


Fig. 5. Kenneth McIntyre presenting a differential equations tutorial introducing characteristic equations. This image is representative of the final render of a video that is/will be uploaded onto YouTube.

The Videos can be found on the YouTube Channel: [TutoringForEngineerExcellence](https://www.youtube.com/channel/UC1luc97Xxbh0)

Example Video: <https://www.youtube.com/watch?v=lluc97Xxbh0>

The remaining videos will be uploaded onto YouTube by December 17th.

Engineering Education

Spring 2017

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 64

New

Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Spring FE Exam Reviews (12 sessions)

Date(s) of Project: 03/13—04/05/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 2*

Electees: 0

*Detailed attendance is attached at the end of this report.

Average number of hours per person spent on this project

Organizing: 15

Participating: 2

I. General Description:

The FE Review Coordinator organized the event in conjunction with Chi Epsilon the civil engineering honor society. The event was advertised through various Engineering Listservs, flyers, and word-of-mouth. The event was organized by requesting rooms for specific dates and coordinating schedules through e-mails and meetings with professors. Before the event, an RSVP page on an established website allowed prospective attendees to sign-up for the event so that the FE Review Coordinator could send out reminder e-mails. The website was updated to advertise the schedule of reviews and give a link to the RSVP. A sign-in sheet was used to keep track of member and non-member attendance and payment for reviews. A student from either Chi Epsilon or Tau Beta Pi was present at each session to check in students, accept payment, and assist professors, if necessary. These sessions were approximately 2 hours long and professors generally spent the first third to half of the session refreshing the students on key concepts and the remainder of the allotted time going over practice questions. Afterwards, the FE Review Coordinator gave quick announcements pertaining to the next event. This semester also marked the first semester of coordination with the American Society of Engineering Education (ASEE). The FE Coordinator worked with a representative from ASEE to help bring in extra funding for the event that will be used in Fall 2017 to purchase FE Exam Study materials that will supplement learning outside of FE Reviews.



II. Purpose & Relationship to Objectives of TBP:

TBP's purpose in hosting this fundraiser was to help students who participated in the event to effectively prepare for the Fundamentals of Engineering Exam. This event also aims to help students prepare for the FE Exam by providing study materials outside of the Reviews.

III. Organization & Administration: (in conjunction with another group? Yes No)

These events were in conjunction with Chi Epsilon, the Civil Engineering Honors Society. These events were supported by the American Society of Engineering Education, who hope to fund the cost of TBP FE Reviews in the future.

IV. Cost & Personnel Requirements:

All FE Reviews were co-hosted by Chi Epsilon, and were funded by the Civil Engineering Department. A profit of \$914 was made, all of which was given to Chi Epsilon, as this is a fundraising event for their organization. Because all professors were sponsored by the department, TBP incurred no costs for hosting these events. An officer from Chi Epsilon or FE Review was present at every review. No additional materials were required for this event. ASEE has agreed to provide this chapter of Tau Beta Pi with \$100 (currently still working to obtain funds) to use for funding future reviews and to buy materials for students to study for FE exams with. This money will be used to purchase FE Review guidebooks that students can check out from our office to supplement FE Reviews.

V. Special Problems:

The reviews were almost exclusively attended by civil engineers, as their major requires completion of the FE Exam for graduation. The only "Non-Civil" review, Thermodynamics, was cancelled due to lack of professor interest outside of the Civil Department. Other than this, there was miscommunication with one professor, which led to the rescheduling of one review twice. In the future, the FE Review Coordinator should avoid this as to not inconvenience students who pay for the review.

Advertising should be improved. The final schedule for FE Reviews should be completed at an earlier date to allow more time to advertise. More professors outside of the civil department should be contacted to increase "Non-Civil" review support. The eventual goal is to involve more TBP members who are not civil engineers in the FE Review process.

VI. Over-all Evaluation/Results (Be Specific):

This event is a success, as attendance and numbers of reviews increased. Cost of the event also

decreased, which is a good improvement for this event moving forward. In comparison to last semester's eight reviews, thirteen reviews were hosted. Some reviews had attendance as high as 45 attendees, which are indicated on the chart below. This is also the first semester that Tau Beta Pi has made a profit off this event, which will be dedicated to purchase FE Review Resources for upcoming semesters. This event also marks increased cooperation with Chi Epsilon and the American Society of Engineering Education, which we hope to continue in the Fall.

VII. Index of Exhibits:

Members in Attendance: Please refer to the detailed attendance sheet below.

| Name | 3/13/2017 | 3/14/2017 | 3/15/2017 | 3/16/2017 | 3/17/2017 | 3/21/2017 | 3/22/2017 | 3/23/2017 | 3/27/2017 | 3/28/2017 | 3/29/2017 | 3/30/2017 | 4/3/2017 | 4/5/2017 |
|----------------------|-----------|-----------|-----------|-----------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|------------|
| Alan Oetzman | x | x | x | | Attendance | x | x | | | | | | | Attendance |
| Alex Smith | x | | | x | 13 | | | | | | | | | 7 |
| Alexandra C Holtkamp | x | x | x | | | x | x | x | x | | x | | | |
| Alexis Ward | x | x | | | | | | | x | | | | | |
| Alice Ness | | | x | | | | | x | | | x | | | |
| Alyssa C Egnew | x | | | | | x | x | | x | | | | x | |
| Andrew M Deegan | | | x | | | x | | | | | | | | |
| Austin Bouchard | | | x | | | | | | | | | | | |
| Benjamin Delgado | x | x | | x | | | x | x | | x | | x | | |
| Benjamin Plante | x | x | x | x | | x | x | x | x | x | | x | | |
| Blake J Wagner | x | x | x | | | | | | x | | | | | |
| Brantly T Stevens Jr | x | x | x | x | | x | x | | x | | x | | x | |
| Cameron M Hines | x | x | x | x | | | x | x | | | | | | |
| Carter Nelson | x | x | x | x | | x | x | | | | | | | |
| Charles Spears | x | x | x | x | | x | x | | | x | | | | |
| Courtney L Orlando | x | x | | | | x | x | x | | x | x | x | x | |
| Daniel Clifford | x | x | x | x | | x | x | | x | | | | x | |
| Daniel J Bishop | x | x | x | x | | x | x | | | | | x | x | |
| David A Lerom | | | | | | | | | x | | | x | | |
| Deirdre Lynch | x | x | | x | | | x | | | | | | | |
| Derrick Armstrong | x | x | | x | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|-----------------------|-------|---|---|---|--|---|---|---|---|---|---|---|---|---|
| Douglas McGrath | x CE | x | x | | | | | | | | | | | |
| Duy Nguyen | x | x | | x | | x | | x | x | | x | x | x | |
| Eduard Tora-Bueno | x | x | x | x | | | | x | | | x | x | | |
| Emily C Staubus | x | x | x | x | | x | x | | | | | | | |
| Gabriel Eduardo | | | | | | | | | x | | | | | |
| Gabriela Mayer | x | x | x | | | | | x | x | | x | | | |
| Hannah Ritchey | x | x | x | | | x | | | | | | | | |
| Jeffery M Moncalian | x | | x | | | | | | | | | | | |
| Joe Wagner | x TBP | x | x | x | | x | x | | | | | | | |
| John D'Amore | x | | | x | | x | | | | | | | | |
| Jorge Bandy | x | | | | | | | x | | | | | | |
| Justin Wright | x | x | | x | | x | x | x | x | | | | | |
| Karl R Hallstrand | x | x | x | x | | | x | x | x | | x | x | x | |
| Keirah Hennessy | x | x | x | x | | x | x | x | | x | x | | | |
| Keirah Joy | x | x | x | x | | x | | | | | | | | |
| Krystal S Somerville | x | x | x | x | | | | | | | | | | |
| Kyle Bulleit | x | x | x | x | | x | x | | | | | | | |
| Lauryn June | x | x | | x | | | | | | | | | | |
| Maikel Zrihem | x | | x | x | | | | | x | x | x | x | | |
| Marissa Romero | x | x | x | x | | x | | | x | x | x | x | | |
| Mark Lisek | x | x | x | x | | x | x | | | x | x | x | x | |
| Mark Rumenik | x | | | | | | | | x | x | x | x | | |
| Matt Wein | x | x | x | | | x | x | x | x | x | x | x | | |
| Mauricio Rodriguez | x | x | x | x | | | | | x | x | | | | x |
| Michael M Hallenstein | x TBP | x | x | | | | x | | x | x | x | x | | |
| Neandro DeMello | x | | | | | x | | | | | | | | |
| Nicole M Bohaczyk | x | | x | | | | | | | | | | | |
| Rahsaan J Simon | x | | | | | | | | | | | | | |
| Regineld Septembre | | x | x | | | | x | x | x | x | x | | | x |
| Richard Mills | | x | x | x | | | | | | | | | | |
| Rinor Fejzullahu | | | x | | | | | x | x | | x | | | |
| Rodrigo Antunes | | | | x | | x | | x | x | x | | x | x | |
| Ryan D Beckman | | x | x | x | | x | x | | x | x | | | | |
| Sadli Benjaidid | | x | x | | | x | | | | | | | | |
| Savannah Holtz | | x | x | x | | | | x | x | | | | | |
| Scott P Judson | | x | x | x | | x | x | | | | | | | |
| Seth Littlejohn | | x | | x | | x | | | | x | x | x | | |
| Shelby N Walker | | x | | x | | | x | x | | x | x | x | x | |
| Sofia E Rada | | x | | | | x | x | x | | x | | | | x |
| Stephen A Gonzalez | | x | | x | | | | x | x | x | x | x | | |
| Steven G Lackey | | | x | x | | | x | | x | | | | | |
| Taylor A Poynter | | | x | x | | x | | | x | x | x | | | x |
| William R Broxton | | | x | x | | | | | | | | | | |
| William Whidden | | | | | | x | | | | | | | | |
| Winnie Kwong | | | | | | | x | | | | | | | |
| Ravik Samaroo | | | | | | | | x | | x | x | x | | |

| Subject | Instructor | Date | Time | Room # |
|--------------------------|-------------------|-------------|----------------|---------------|
| Fluid Mechanics | Dr. Thieke | 3/13 | 6:15 – 8:00 pm | Weil 238 |
| Structural Design | Dr. Sputo | 3/14 | 6:15 – 8:00 pm | Weil 238, |
| | | 3/15 | 6:15 – 8:00 pm | Weil 234 |
| Transportation | Dr. Washburn | 3/16 | 6:15 – 8:00 pm | Weil 238 |
| Engineering Economy | Dr. Ferraro | 3/17 | 6:15 – 8:00 pm | Weil 238 |
| CE Materials | Dr. Tia | 3/21 | 6:15 – 8:00 pm | Weil 234 |
| Dynamics | Dr. Jackson | 3/22 | 6:15 – 8:00 pm | Weil 234 |
| Wastewater | Dr. Indarawis | 3/23 | 6:15 – 8:00 pm | Weil 238 |
| Structural Analysis | P. Fernandez | 3/27 | 6:15 – 8:00 pm | Weil 238 |
| Hydraulics and Hydrology | Dr. Newman | 3/28 | 6:15 – 8:00 pm | Weil 238 |
| Geotech | Dr. Wasman | 3/29 | 6:15 – 8:00 pm | MAT 0116 |
| Mechanics of Materials | Dr. Ifju | 3/30 | 6:15 – 8:00 pm | MAT 0116 |
| Construction | Dr. Ferraro | 3/31 | 6:15 – 8:00 pm | MAT 0116 |

*Construction Review was rescheduled twice – 4/3/2017 and then 4/5/2017

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 65

New

Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: E-Futures: Group Process

Date(s) of Project: 03/25/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 13

Candidates: 2

Average number of hours per person spent on this project

Organizing: 20

Participating: 4

I. General Description:

E-Futures is a professional development seminar that aims to improve often neglected soft skills of students and professionals. Materials presented are geared towards an audience with an appreciation for engineering. This session, group process, teaches people to effectively work in and manage a team, and also problem solve with a group of people.

II. Purpose & Relationship to Objectives of TBP:

E-Futures serves to improve the professional demeanor of TBP. This seminar will allow academically strong TBP members to learn and enhance their soft skills in a wide variety of settings. In addition, this event is essential to enhancing the community of learning within the College of Engineering and preserving the Tau Beta Pi's "honors society" culture, that informs students everywhere that strong academic strength is always aided by helping the community and sharing the fortune of knowledge. This class, which is nondiscriminatorily available to all students, help promote the awareness of the TBP honors society without an initiation fee or recruitment process attached. This ultimately changes public perception of this organization, which has unending benefits to future recruitment numbers and also the acceptance and respect for TBP from recruiters for future jobs or other entities.

III. Organization & Administration: (in conjunction with another group? Yes No)

Requested E-Futures through National TBP. Reserved a room and helped with the logistics by setting a convenient time in advance. Advertised to members and enhanced the experience with purchase of refreshments from Publix the day of the session. Started organizing 4 months prior.

IV. Cost & Personnel Requirements:

Cost for refreshments provided was \$54.49

V. Special Problems:

Did not have direct access to sign-up sheet provided by TBP, so there was a delay in sending out emails and monitoring this list-serve. Also, the registration cap of 60 people deterred many people from registering. Many students asked me if they were on the registration list, and I could not inform them in a timely manner without badgering the facilitator. Out of the 60 registrants, only a little over 20 students showed up. Had we had more than 60 cap on registrants, the number of registrants would have increased, which may have initiated higher attendance. The 15 cap student limit caused headaches in logistics and registration which forced our chapter to only have one session this semester. Many students were presidents of several large organizations loved the session and asked if we were having any more sessions. I could not definitively answer these representatives.

VI. Over-all Evaluation/Results (Be Specific):

Facilitators were very experienced and students really enjoyed the session. Many students had high impact on several different portions of campus, and this session really caused TBP to enhance our image of being an honors society. Popularity and interest for our events were high afterwards. Students who attended enjoyed the sessions. Out of this entire year under the new experimental E-Futures requirements, FL-A was able to host one successful session.

The biggest dismay I have was that we were not able to host more sessions and the difficulties the new rules posed. I am usually enthusiastic about hosting events for TBP, but it was not fun trying to work through the logistics to host E-Futures under this experimental year.

VII. Index of Exhibits:

Members in Attendance: Joshua Benjamin, Leah Carol, Ryan Dargan, Trevor Garlinghouse, Leah Hines, Fred Hodgins, Emma Johnson, Felipe Lenz, Royce Reyes, Felicia Sedwick, Michael Shang, Chad Spreadbury, Douglas Steinbach.

Candidates in Attendance: Liam Carroll, Brian Habing.

Non Tau Beta Pi affiliates in attendance: Powen Cheng, Xu Fan, Gelan Wang, Jia-ming Lin, Yaqi Luo, Sunal Mittal, Dominick Mulder, Neel Shah, Jiaxin Xu.

Picture:



Our 24 attendees pay attention to the video shown by the session facilitator.

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 66

New

Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Spring Research Mini-Talks

Date(s) of Project: 01/31/17, 02/14/17, 03/28/17

Project area: Community/ Liberal Culture University/ College Profession/ Engineering Chapter/ Social Education/ Professional Development

Number of persons who participated in this project

Members: 41, 31, 27

Electees: 26, 18, 10

Average number of hours per person spent on this project

Organizing: 1

Participating: 0.5

I. General Description:

In the Spring semester, we decided to continue the "Graduate Mini Talk" program with a few modifications to make the talks more effective and engaging, and to involve more students. Changes included:

- Expansion to include undergraduate presentations of their research
- Renaming of the program from "Graduate Mini Talks" to "Research Mini Talks"
- Shortening of the talks such that they exceed *no more* than 2 slides to condense and simplify the content
- Reducing the number of talks to one per meeting to keep members' attentions and avoid going over time

Similarly to the Fall 2016 semester, the "mini talks" were overviews of student research delivered at general body meetings. These presentations were intended to be short and engaging with just enough technical content to convey the rationale for the research without bogging it down with details.

II. Purpose & Relationship to Objectives of TBP:

Tau Beta Pi members and candidates have the potential to accomplish amazing feats not only in their engineering careers but also while still in school. One route to obtain hands-on engineering experience and potentially make meaningful contributions to society is through university research. However, many undergraduates are uncertain about their interests in research and how to obtain a research position. The purposes of this new program are to:

- Educate students about the immensely varied research fields conducted in their college and

profession

- Help inform students uncertain about the potential future directions in which they can take their career, possibly giving them insight into new avenues of engineering they weren't previously aware are researched by engineers
- Inspire students to initiate research at the undergraduate level, thereby
 - increasing their technological expertise, communication skills, critical thinking, and hands-on experience, all of which craft an individual into a better professional engineer
 - giving undergraduate students opportunities to make meaningful contributions to society by applying their engineering knowledge in an academic setting
 - giving undergraduate students translatable skills that can bolster their candidacy for graduate schools and jobs after graduation
- Inform students about student life as a researcher from Tau Beta Pi members and illustrate that our membership is active in our chapter even when pursuing graduate degrees
- Motivate the graduate student community to become involved in Tau Beta Pi

III. Organization & Administration: (in conjunction with another group? Yes No)

The mini-talks were held during general body meetings so that they could extend to the largest audience of TBP members and candidates. The schedule was organized as shown below:

| Meeting | Date | Grad talk |
|---------|--------|--|
| 1 | 31-Jan | Chad Spreadbury, PhD Environmental Engineering <i>"Turning Garbage into Roadways"</i> |
| 2 | 14-Jan | Alyssa Egnew, undergraduate Civil Engineering <i>"Modeling Tornado Damage in Houses"</i> |
| 3 | 28.Feb | None - candidate election |
| 4 | 14-Mar | Canceled for Invited Speaker |
| 5 | 28-Mar | Madeline Sciallo, PhD Electrical and Computer Engineering <i>"Radiation Effects on Devices"</i> |

IV. Cost & Personnel Requirements:

No costs were required for this program. Personnel included the graduate coordinator to organize the presentation schedule, send reminders to presenters, and to develop the program. Presenters were officers or members that volunteered to talk.

V. Special Problems:

The talk for Meeting #4 was canceled to accommodate an external speaker about the FE Review. However, the scheduling of that speaker fell through and neither the presentation from the speaker or a mini talk from a member occurred. Nevertheless, three presentations per semester were well received by the members; it was neither too little nor too much. In fact, three mini-talks may be a desired goal for future semesters.

VI. Over-all Evaluation/Results (Be Specific):

The graduate mini-talk program was overall a success and we will continue this program in future semesters. Constraint of the presentations to one or two slides greatly improved the engagement by members and people appeared to maintain attention throughout the presentation. Similarly, doing no

more than one presentation per meeting seemed to keep the audience focused.

VII. Index of Exhibits:

Members in Attendance: Please see meeting attendance for meetings 1, 2, and 5.

Electees/Candidates in Attendance: Please see meeting attendance for meetings 1, 2, and 5.



Alyssa Egnew, an undergraduate member, teaching her peers about opportunities in tornado research and her experience as an undergraduate researcher.

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 67

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Spring TEE Operations

Date(s) of Project: 03/13, 03/16, 03/31/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 3

Electees: 1

Average number of hours per person spent on this project

Organizing: 5

Participating: 2

I. General Description:

The electee/member records a video tutorial of an engineering subject of their interest with the TEE chairperson. The TEE chairperson then edits the video and uploads it onto YouTube for public viewing. Electees/members interested in the program submit an application listing their topic of interest and their preferred dates and times to record their video. The electees/members then create a summary of their lesson plan and submit it for approval by the TEE chairperson. During the approval process, the TEE chairperson assesses the level of preparation that the electee/member has made to ensure that there is sufficient time to record the tutorial. After the summary is approved, the electee/member and the TEE Chairperson meet at One Button Studio on the appointed date to record the tutorial.

A new Google Form was created to allow students to sign up for a TEE recording session because access to the form used during the fall semester could not be recovered after the transition between officers from the fall semester to the spring semester. The description of the project on the Google Form was reworded to sound simpler and friendlier to new participants and encourage participation. Particularly, the demand for a precisely worded script was removed. Such scripts are excessive and were not used in practice during the fall semester. The new Google Form asks only for a general script, but the TEE chairperson still ensures that the script violates no copyright.

Additionally, a survey was created and disseminated to students to learn about their study habits. The information gained from this survey is meant to be used to improve the structure of the TEE program.

The new video tutorial sign up form and the survey can both be found on the Google Drive belonging to the Google account associated with the TEE program.

II. Purpose & Relationship to Objectives of TBP:

The program upholds the fundamental principles of the Code of Ethics of Engineers particularly in the use of knowledge and skill for the enhancement of human welfare and in improving the competence and prestige of the engineering profession by providing unrestricted access to engineering concepts to anyone interested in pursuing an education in engineering in the form of publically available video tutorials.

III. Organization & Administration: (in conjunction with another group? Yes No)

Library West, particularly One Button Studio where the video tutorials were recorded

IV. Cost & Personnel Requirements:

All equipment used was already available. The equipment used in this project was a 4' by 3' dry erase board, two easels, markers, a 32 Gb USB 3.0 flash drive and a computer. All software used to edit the videos are free and open source. The software used consists of Blender (Editing Software), Audacity (Audio Software), Inkscape (Graphic Software), and VLC Player. Alternative software can be used if available in other chapters. The recording Studio (One Button Studio) was a studio provided for student-use for free by the University of Florida.

V. Special Problems:

The Dibs! Program used to reserve One Button Studio is restrictive when there are multiple recordings on the same day since the TEE chairperson can reserve only one room at a time. Alternative recording methods through applications such as Open Broadcast Software for Windows or Shou for Google Play enabled smart devices may prove useful for chapters that do not have One Button Studio or similar recording studios. Blender is not a user friendly program to edit videos with render times averaging around 7 hours per 15 minutes of rendered video and limited indication of the quality of the render before the process is finished. Also the order of operations is absolutely critical for the Blender rendering process. Other video editing software may prove to be more user friendly but at the cost of requiring a paid license or proprietary hardware to use. The TEE program was marketed as a flexible means to obtain service hours to electees/members. Similar to the fall semester, this made the workload very unbalanced during the semester with limited interest from the electees at the start of the semester and increased interest during the week of initiation. Further, the lack of participation was exacerbated by the smaller size of the spring class of initiates. As during the fall semester, it should be noted that care should be taken to ensure that the videos do not cover copyrighted material and do not encourage academic dishonesty.

VI. Over-all Evaluation/Results (Be Specific):

The project struggled to find participation from members/electees during the spring semester. Only 2 lesson plans were submitted, one from a member and one from an electee. Due to scheduling conflicts, videos for neither of the lessons have been recorded yet. The lesson plans, having been written, may still be recorded at any time in the future. The lack of participation might be an irregularity caused just by the smaller size of the spring class of initiates. Participation might rise again during the upcoming fall semester. The project still has potential for advertising Tau Beta Pi to future candidates. Particularly, the professional production quality of these videos may help to convince potential candidates who are unfamiliar with Tau Beta Pi that the society is worth joining. This may be

most effective by showing short clips from current TEE videos in the info sessions or the first general body meeting. Showing the faces of the members of Tau Beta Pi and representing the chapter in a professional, positive light may have a positive impact on their perspective of the society. The publication of video tutorials can also be marketed to potential candidates as valuable experience and involvement in the society which can be shown off to recruiters on a resume, especially if the library of videos grows and becomes expansive.

That being said, the program can only stay alive if members and electees continue to show interest in the program. For this semester, this was accomplished by providing service hours for each recording session. Unlike in the fall semester, the TEE recording session was no longer a requirement for the best electee award. Reinstating this requirement might help encourage participation. Stronger effort should be made to have officers record video tutorials on topics in which they are knowledgeable.

No responses to the TEE Program Survey were submitted. This may be due to limited advertisement of the survey. The survey may gather more information if advertisement is emphasized further in the future.

A user-friendly guide for using appropriate video editing software will be written for use by future TEE chairpersons before the end of the semester.

VII. Index of Exhibits:

Members in Attendance: Maddie Sciallo, Brianna Malcolm, Royce Reyes.

Electees in Attendance: Kaileigh Rock.

Photos:

← TEE Video Tutorial Sign Up

Color Palette

QUESTIONS RESPONSES 1

TEE Video Tutorial Signup

Get service hours by making video tutorials! Sign up below!

Choose any engineering topic you feel comfortable teaching.
Write a general script for a lesson about your topic and then plan a meeting time to record your video at Library West.

Examples of appropriate topics include: how to maximize/minimize a function (calculus), how to construct a Wheatstone Bridge (mechanics of materials lab), etc.
The videos can be any reasonable length, but should be at least five minutes long.

Here is a short example of what your video should look like:
<https://www.youtube.com/watch?v=Y9AazYtRv0Q>

After filling out this form, please:
1) Send an email to the tbpteeuf@gmail.com containing the script for your video.
2) Wait for the TEE Chairperson to approve your script and arrange a meeting time with you.
3) After approval, meet with the TEE Chairperson at Library West at the agreed time to record your video!

Do not forget you can list this on your resume for involvement with Tau Beta Pi!
If you have any questions, please email tbpteeuf@gmail.com

Name *

Short answer text

Fig. 1. Image of part of the new Google Form used by students to sign up to participate in the TEE program.

← TEE Video Tutorial Sign Up

QUESTIONS RESPONSES 1

Name (1 response)

Madeline Sciuлло

Preferred Email (1 response)

madelinesciuлло@uf.edu

Lesson Topic (1 response)

Follow Up to the Solid State Electronics Video

Preferred Recording Day (1 response)

Mar 2017 | 16

Preferred Meeting Time (Reservations for the studio in Library West are 2 hour sessions, but we may finish in less than 2 hours if you come well-

Fig. 2. Image of Madeline Sciuлло's submission to the new TEE Video Tutorial Sign Up form

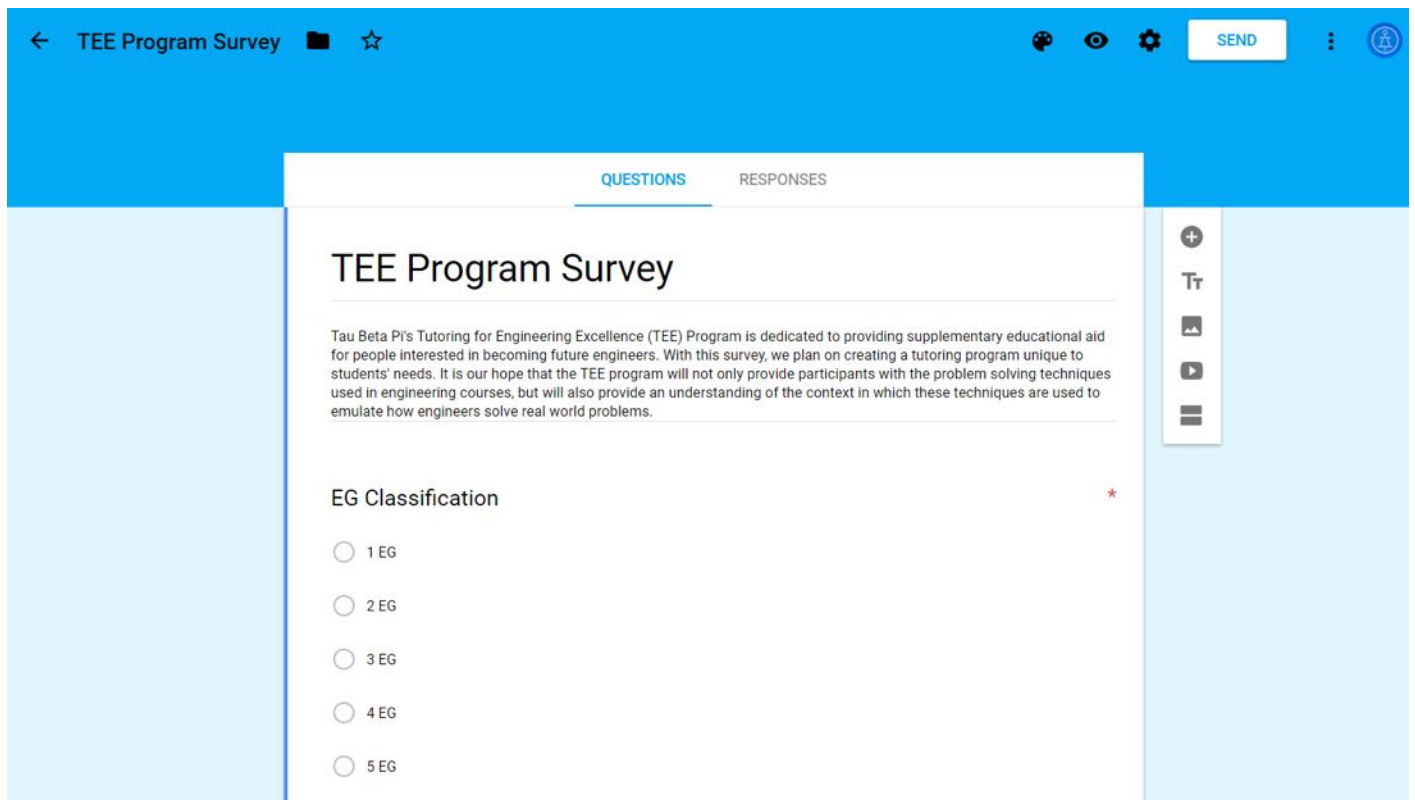


Fig. 3. Image of part of the TEE Program Survey devised to gather information on student's studying habits.

The Videos can be found on the YouTube Channel: [TutoringForEngineerExcellence](https://www.youtube.com/channel/UCv1luc97Xxbh0)

Example Video: <https://www.youtube.com/watch?v=lluc97Xxbh0>

Community Outreach

Fall 2016

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 68

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Adopt-A-Street: Street Clean-Up #1 **Date(s) of Project:** 09/25/16

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project Members: 4 Electees: 4

Average number of hours per person spent on this project Organizing: 0.5 Participating: 3

I. General Description:

The City of Gainesville's voluntary Adopt-A-Street Program was formed to help address the problem of roadside litter in our city. Tau Beta Pi Florida Alpha Chapter has adopted NE 28th Ave from N Main St to NE 15th St. We are committed to remove litter at least six times each year and must remain in the program for at least two years. We are continuing to clean up 3 times per semester.

II. Purpose & Relationship to Objectives of TBP:

Part of our purpose is to serve our local community. By picking up garbage and cleaning up our environment, we are actively helping to keep our surroundings clean for the community and the animals that live in it. Furthermore, by conducting the cleanups as a group, Tau Beta Pi is fostering strong bonds with it's candidates, members, and officers.

III. Organization & Administration: (in conjunction with another group? Yes No)

One service coordinator picked up the trash kit from the Gainesville Public Works Department prior to the event. The kit will be returned after the event. We organized the event by planning to do it on an appropriate day that will ensure the highest turn out (not on game day). We advertised the event through the UF TBP website, GBM meetings, and email. For logistics, we sent out a Google doc form for everyone to RSVP and an email stating the specifics of where and when to meet up for car-pooling

IV. Cost & Personnel Requirements:

No costs were incurred.

V. Special Problems:

There were no problems with the event. We had a large group that was able to divide the road efficiently.

VI. Over-all Evaluation/Results (Be Specific):

The project was an overall success. With a team of 8 motivated Tau Bates and candidates, we recovered 13 bags of trash that was scattered along side the road. This left the street clean for the surrounding community.

VII. Index of Exhibits:

Members in Attendance: Travis Satiritz, Sebastian Sayavedra, Anderson Sheets, Catherine Miney.

Electees in Attendance: Emma Johnson, Lin Yuan, Thomas Truchement, Justin Cohen.

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 69

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Fall Clock Tower Committee Meetings

Date(s) of Project: 10/12, 10/19, 11/2, 11/9, 11/17

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 4

Electees: 7

Average number of hours per person spent on this project

Organizing: 3

Participating: 5

I. General Description:

This semester the clock tower committee chairperson divided the group to focus on the two chosen designs from previous semesters. The goal for this semester was to begin fabricating prototypes of the designs to determine the feasibility of the designs. The two designs are a vertical sundial and a customizable LED grid. The president ordered parts to aid with fabricating the prototypes. The clock tower committee quickly realized how difficult the two designs are and decided to focus on the LED grid clock face. Work began on wiring and controlling the single LED grid. Currently, we are still focusing on controlling the LED grid.

II. Purpose & Relationship to Objectives of TBP:

The goal of the committee is to leave a permanent mark on campus that showcases the hard work of the members of the Tau Beta Pi clock tower committee. The clock tower meetings help us plan the next step in achieving this goal.

III. Organization & Administration: (in conjunction with another group? Yes No)

The clock tower chair person reserved the room for the meetings, and made all of the documents to be used by the committee when deciding on the clock designs to use. The president ordered the parts for the prototype clock faces.

IV. Cost & Personnel Requirements:

All interested Tau Beta Pi members and electees were encouraged to attend. There was no cost associated with the meeting. The cost for the prototype parts was \$30.

V. Special Problems:

No.

VI. Over-all Evaluation/Results (Be Specific):

The meetings were overall a success. Over the course of the semester, the team began building the prototype clock faces, and subsequently began focusing on the LED grid clock face.

VII. Index of Exhibits:

Members in Attendance: Surya Chandan Dhulipala, Michael Everette, Benjamin Schwaller, Thomas Scruggs

Electees in Attendance: Ryan Blanchard, Max Greene, Greg Kusel, Royce Reyes, Bryce Schiebel, Derya Tansel, Thomas Truchement

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 70

New

Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Adopt-A-Street: Street Clean-Up #2

Date(s) of Project: 10/23/2016

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 3

Electees: 20

Average number of hours per person spent on this project

Organizing: 1

Participating: 3

I. General Description:

The City of Gainesville's voluntary Adopt-A-Street Program was formed to help address the problem of roadside litter in our city. Tau Beta Pi Florida Alpha Chapter has adopted Northeast 28th Ave from North Main St to Northeast 15th St. We are committed to remove litter at least six times each year and must remain in the program for at least two years. Each semester we plan a minimum of three clean-ups.

II. Purpose & Relationship to Objectives of TBP:

Part of our purpose is to serve our local community. By picking up garbage and cleaning up our environment, we are actively helping to keep our surroundings clean for the community and the animals that live in it. Furthermore, by conducting the clean-ups as a group, Tau Beta Pi is fostering strong bonds with its candidates, members, and officers.

III. Organization & Administration: (in conjunction with another group? Yes No)

This project was organized and administered solely by the Florida Alpha chapter of Tau Beta Pi. One of the service coordinators picked up the trash kit from the Gainesville Public Works Department prior to the event. The kit is returned to the Gainesville Public Works Department after the event. We organized the event by planning to do it on an appropriate day that will ensure the highest turn out (not on game day). We advertised the event through the UF TBP website, GBM meetings, social media platforms, and email. For logistics, we sent out a Google doc form for everyone to RSVP and an email stating the specifics of where and when to meet up for car-pooling.

IV. Cost & Personnel Requirements:

This project did not cost any money. The only requirement was to retrieve the street clean-up kit from

the Gainesville Public Works Department during the week prior to the clean-up.

V. Special Problems:

We did not encounter any problems during the organizing or administration of this project.

VI. Over-all Evaluation/Results (Be Specific):

This project encountered no problems, had lots of participation, and overall was extremely successful. There was a large turnout of electees and this enabled us to clean the entirety of our street and some of the surrounding area. At the end of the event we had collected 15 large black trash bags filled with trash, 4 bicycle tires, 1 bicycle frame, and 6 large car tires. During this project several residents from the area approached us and thanked us for all we do for the community.

VII. Index of Exhibits:

Members in Attendance: Nikita Goldfarb, Travis Satiritz, Anderson Sheets.

Electees in Attendance: Yanfang Ao, Samuel Armington, Bryan Barrett, Sheila Capote, Leah Carol, Justin Cohen, Jorge Figueras, Aaron Giles, Nikita Goldfarb, Carlos Gonzalez, Leah Hines, Frederick Hodgkin, Erin Kolman, Brianna Malcolm, Dominick Mulder, Glendon Plumton, Royce Reyes, Douglas Steinbach, Thomas Truchement, Ryan Wicks.

Picture:



The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 71

New

Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Two Tails Elephant Ranch

Date(s) of Project: 11/06/2016

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 5

Electees: 13

Average number of hours per person spent on this project

Organizing: 2

Participating: 4

I. General Description:

Two Tails Elephant Ranch has been a sanctuary for elephants for over 30 years. Elephants have been boarded at the ranch for all different kinds of reasons including: retirement, temporary boarding, and some for training and/or medical reasons. The ranch also is home to various other animals including ostriches, zebras, and camels. The ranch is run by Patricia Zerbini, who manages 67 acres of land and all of the administrative duties of this demanding profession. This ranch is a one-of-a-kind and is a staple of the Williston area located close to Gainesville, Florida. Due to the demanding nature of the animal sanctuary, the ranch frequently relies on reliable and trustworthy volunteers to fulfill lower priority side projects that would otherwise be highly time consuming for Patricia and her few employees. For this event, Patricia needed Tau Beta Pi to remove logs, sticks, and debris that had fallen due to the two Hurricanes that hit northern Florida during the fall. We collected the fallen debris along the perimeter of the ranch and placed it in piles so that it could be removed from the property. The purpose of this is to reduce the fire hazard presented by the dry, woody debris.

II. Purpose & Relationship to Objectives of TBP:

Tau Beta Pi was able to accept the challenge mentioned above and help the animal sanctuary continue to serve the community through public education. This project upheld Tau Beta Pi's goal of being able to positively contribute to the community. Furthermore, by conducting the service project as a group, Tau Beta Pi is fostering strong bonds with its candidates, members, and officers.

III. Organization & Administration: (in conjunction with another group? Yes No)

This project was organized and administered solely by the Florida Alpha chapter of Tau Beta Pi. One of the service coordinators organized the event with Patricia via email. The day was chosen so that the highest turnout of electees and members would be possible. We advertised the event through the UF

TBP website, GBM meetings, social media platforms, and email. For logistics, we sent out a Google doc form for everyone to RSVP and an email stating the specifics of where and when to meet up for carpooling. Both service coordinators assisted in carpooling and engaged in the service project along with the electees and members.

IV. Cost & Personnel Requirements:

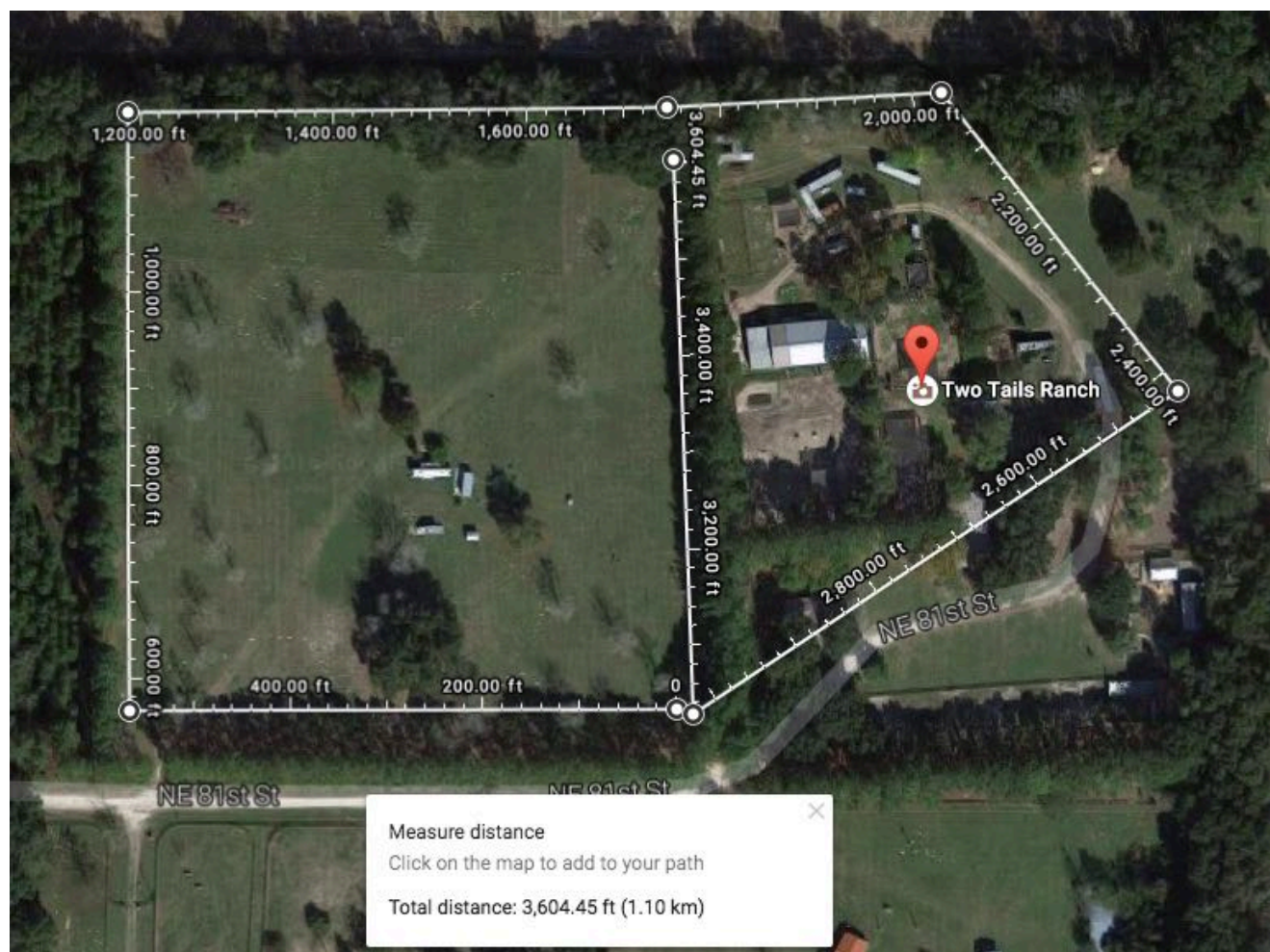
This project did not cost any money. The service project itself required an attendance of 18 people, which Tau Beta Pi fulfilled.

V. Special Problems:

We did not encounter any problems during the organizing or administration of this project.

VI. Over-all Evaluation/Results (Be Specific):

This project encountered no problems, had lots of participation, and overall was extremely successful. There was a large turnout of electees and members, which enabled us to remove large quantities of woody debris from the perimeter of the ranch. In total, Tau Beta Pi covered almost $\frac{3}{4}$ of a mile of fencing. A screenshot is provided in Fig. 1 below. At the end of the event we had collected 15 large piles of logs, sticks, and woody debris of about 50lbs each. In total the mass of wood removed was about 750lbs total, which drastically reduced potential fire hazard fuel loadings.



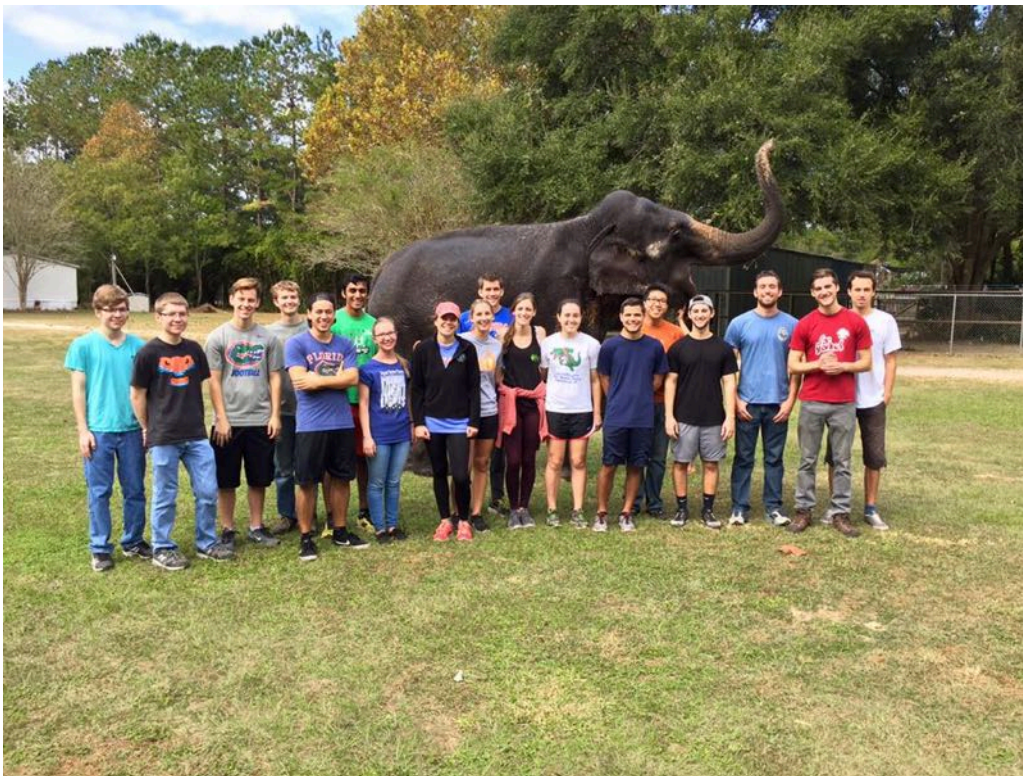
A screenshot from Google Maps shows the calculated distance Tau Beta Pi was able to cover.

VII. Index of Exhibits:

Members in Attendance: John Barta, Maddy Fuchs, Jacob Montgomery, Sebastian Sayavedra, Travis Satiritz.

Electees in Attendance: Erin Kolman, Amanda Johnson, Thomas Truchement, Kevin Barta, John Gregory, Anna Montgomery, Kyle Vu, Reagan Fuhr, Tobias Lodemann, Joshua Benjamin, Harry Reid, Justin Cohen, Ankit Patel.

Photos:



Our group poses with one of the elephants who lives at the Two Tails Ranch.



Our members and electees help cleaning the sanctuary.

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 72

New

Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Adopt-A-Street: Street Clean-Up #3

Date(s) of Project: 11/13/2016

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 1

Electees: 11

Average number of hours per person spent on this project

Organizing: 0.5

Participating: 3

I. General Description:

The City of Gainesville's voluntary Adopt-A-Street Program was formed to help address the problem of roadside litter in our city. Tau Beta Pi Florida Alpha Chapter has adopted Northeast 28th Ave from North Main St to Northeast 15th St. We are committed to remove litter at least six times each year and must remain in the program for at least two years. Each semester we plan a minimum of three clean-ups.

II. Purpose & Relationship to Objectives of TBP:

Part of our purpose is to serve our local community. By picking up garbage and cleaning up our environment, we are actively helping to keep our surroundings clean for the community and the animals that live in it. Furthermore, by conducting the clean-ups as a group, Tau Beta Pi is fostering strong bonds with it's candidates, members, and officers.

III. Organization & Administration: (in conjunction with another group? Yes No)

This project was organized and administered solely by the Florida Alpha chapter of Tau Beta Pi. One of the service coordinators picked up the trash kit from the Gainesville Public Works Department prior to the event. The kit is returned to the Gainesville Public Works Department after the event. We organized the event by planning to do it on an appropriate day that will ensure the highest turn out (not on game day). We advertised the event through the UF TBP website, GBM meetings, social media platforms, and email. For logistics, we sent out a Google doc form for everyone to RSVP and an email stating the specifics of where and when to meet up for car-pooling.

IV. Cost & Personnel Requirements:

This project did not cost any money. The only requirement was to retrieve the street clean-up kit from the Gainesville Public Works Department during the week prior to the clean-up.

V. Special Problems:

A special problem we encountered during this street clean up was an unusually high presence of mosquitoes that were biting everyone. Fortunately, the service coordinator who organized the event had brought mosquito repellent that neutralized the problem and allowed the group to continue the service project.

VI. Over-all Evaluation/Results (Be Specific):

This project encountered had lots of participation and overall was extremely successful. There was a moderate turnout of electees and this enabled us to clean the entirety of our street and some of the surrounding area. At the end of the event we had collected 15 large black trash bags filled with trash. During this project several residents from the area approached us and thanked us for all we do for the community. Also, like always, the electees got a chance to get to know each other more in depth as they cleaned up the street, which is always a great thing to see from the perspective of the service coordinator.

VII. Index of Exhibits: LEAVE BLANK

Members in Attendance: Sebastian Sayavedra.

Electees in Attendance: Henry Judson, Trevor Garlinghouse, Lance Smith, Harry Reid, Haley Bross, Leah Carol, Daniel Beach, Katrina Milliser, Gabriela Buraglia, Joshua Benjamin, Leah Hines.



Our members and electees pose next to our street sign and all the trash bags they filled during the event.

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 73

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Thanksgiving Food Drive

Date(s) of Project: 10/18—11/17/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 1

Electees: 5

Average number of hours per person spent on this project

Organizing: 0.5

Participating: N/A

I. General Description:

The Electrical and Computer Engineering Department from the University of Florida asked for donations of cans to be distributed to the homeless before Thanksgiving so all can have a chance to eat a plate of good food during the holiday.

II. Purpose & Relationship to Objectives of TBP:

The main purpose of this event was to collect food to be distributed to the homeless before Thanksgiving. By doing this we are serving those in our community in their time of need. This correlates perfectly with the pillar of service in Tau Beta Pi; we serve the community not because we have to, but because we can and we want to.

III. Organization & Administration: (in conjunction with another group? Yes No)

This project was organized and administered solely by the Florida Alpha chapter of Tau Beta Pi. We informed all members, electees, and officers of the food drive and the times at which they could donate food. A log sheet was made and left in the office so that all officers could log in any donations that came in during their office hours. Finally, whenever food began to build-up in the office one of the Service Coordinators brought the food over to the Pantry so that it could be used.

IV. Cost & Personnel Requirements:

This project did not cost any money. There were only two real requirements. The first one was to create a log sheet so that the officers could keep track of who brought in food and how much they brought in. The second requirement was for one of the service coordinators to bring the food over to the Pantry during their hours of operations to ensure that the food was going to use and not sitting around in the office.

V. Special Problems:

We did not encounter any problems during the organizing or administration of this project.

VI. Over-all Evaluation/Results (Be Specific):

This project encountered no problems, had lots of participation, and overall was extremely successful. We were able to collect over 98 items of nonperishable food to be donated to the homeless right before Thanksgiving.

VII. Index of Exhibits:

Members in Attendance: Felipe Lenz (8 cans)

Electees in Attendance: Henry Judson (20 cans), John Leong (20 cans), Daniel Barkley (20 cans), Wisam Fares (20 cans), Sheila (10 cans).

Picture:



Our chapter was able to collect 98 cans of food!

Community Outreach

Spring 2017

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 74

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Street Clean-Up #1

Date(s) of Project: 01/29/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 5

Electees: 4

Average number of hours per person spent on this project

Organizing: 2

Participating: 3

I. General Description:

The City of Gainesville's voluntary Adopt-A-Street Program was formed to help address the problem of roadside litter in our city. Tau Beta Pi Florida Alpha Chapter has adopted Northeast 28th Ave from North Main St to Northeast 15th St. We are committed to remove litter at least six times each year and must remain in the program for at least two years. Each semester we plan a minimum of three clean-ups.

II. Purpose & Relationship to Objectives of TBP:

Part of our purpose is to serve our local community. By picking up garbage and cleaning up our environment, we are actively helping to keep our surroundings clean for the community and the animals that live in it. Furthermore, by conducting the clean-ups as a group, Tau Beta Pi is fostering strong bonds with it's candidates, members, and officers.

III. Organization & Administration: (in conjunction with another group? Yes No)

This project was organized and administered solely by the Florida Alpha chapter of Tau Beta Pi. One of the service coordinators picked up the trash kit from the Gainesville Public Works Department prior to the event. The kit is returned to the Gainesville Public Works Department after the event. We organized the event by planning to do it on an appropriate day that will ensure the highest turn out. We advertised the event through the UF TBP website, GBM meetings, social media platforms, and email. For logistics, we sent out a Google doc form for everyone to RSVP and an email stating the specifics of where and when to meet up for car-pooling.

IV. Cost & Personnel Requirements:

Generally, this project did not cost any money. The only requirement was to retrieve the street clean-up kit from the Gainesville Public Works Department during the week prior to the clean-up. However,

this time, the president decided to bring a dozen of Krispy Kreme doughnuts for the volunteers.

V. Special Problems:

We did not encounter any problems during the organizing or administration of this project.

VI. Over-all Evaluation/Results (Be Specific):

This project encountered no problems, had sufficient participation, and overall was very successful. There was an impressive turnout of electees considering that we had just held info sessions the previous week. This enabled us to clean the entirety of our street and some of the surrounding area. At the end of the event we had collected 26 large black trash bags filled with trash, 4 car tires, and an automobile rear window. During this project several residents from the area approached us and thanked us for all we do for the community.

VII. Index of Exhibits:

Members in Attendance: Felipe Lenz, Emma Johnson, Ankit Patel, Royce Reyes, Travis Satiritz.

Electees in Attendance: Liam Carroll, Brian Habing, Brian Kusnick, Zach Tveraas.

Picture:



Some of our members pose next to all the trash bags filled with trash from the street.

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 75

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Spring Clock Tower Committee Meetings

Date(s) of Project: 02/01, 02/08, 02/15, 02/22/17, 03/01, 03/15, 03/22

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project Members: 4 Electees: 0

Average number of hours per person spent on this project Organizing: 3 Participating: 7

I. General Description:

This semester the goal of the clock tower committee was to fabricate a functional prototype of an LED grid clock face. This proved difficult because the LED grid that we purchased is for a custom microprocessor also sold by the company. The clock tower committee decided to work around this limitation and we began controlling specific LEDs as well as their color. After much trial we have reached the need to purchase a larger LED grid that is similar to what could be implemented with the clock tower. Currently, we are ordering the larger LED grid and will begin working on the prototype with the new LED grid when it arrives.

II. Purpose & Relationship to Objectives of TBP:

The goal of the committee is to leave a permanent mark on campus that showcases the hard work of the members of the Tau Beta Pi clock tower committee. The clock tower meetings help us plan the next step in achieving this goal.

III. Organization & Administration: (in conjunction with another group? Yes No)

The clock tower chair person reserved the room for the meetings, and made all of the documents to be used by the committee when deciding on the clock designs to use. The president ordered the parts for the prototype clock face.

IV. Cost & Personnel Requirements:

All interested Tau Beta Pi members and electees were encouraged to attend. There was no cost associated with the meeting. The cost for the prototype parts was \$30.

V. Special Problems:

No.

VI. Over-all Evaluation/Results (Be Specific):

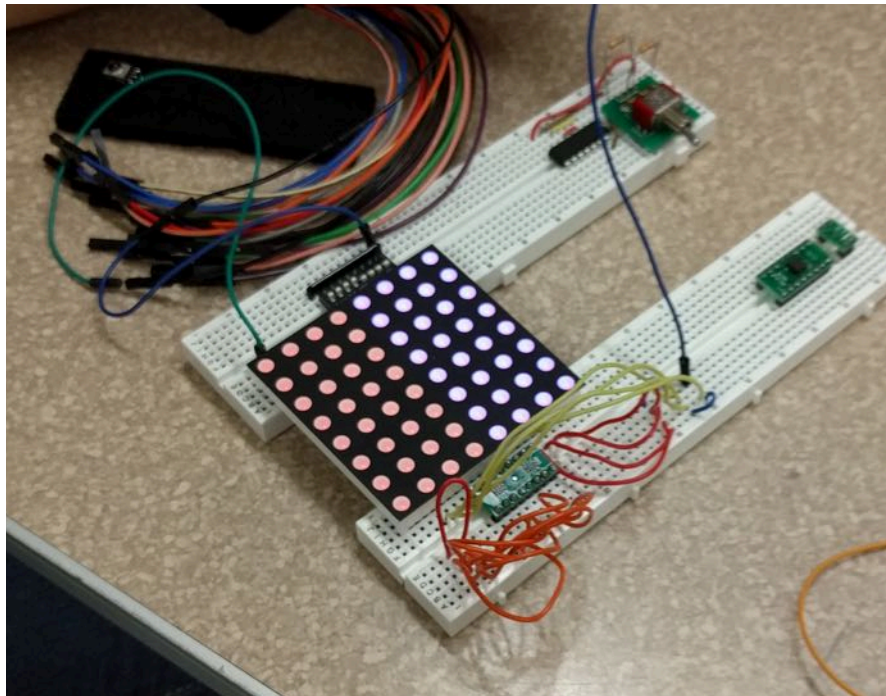
The meetings were overall a success. Over the course of the semester, the team was able to begin to control the LED grid for the prototype clock face. We also found a better LED grid that we will use to build a more representative clock face.

VII. Index of Exhibits:

Members in Attendance: Paige Bohana, Max Greene, Madeleine Monfort, Thomas Scruggs.

Electees in Attendance: N/A.

Photos:



The clock tower committee successfully lit up the old LED grid.

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 76

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Street Clean-Up #2

Date(s) of Project: 02/19/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 3

Electees: 1

Average number of hours per person spent on this project

Organizing: 2

Participating: 3

I. General Description:

The City of Gainesville's voluntary Adopt-A-Street Program was formed to help address the problem of roadside litter in our city. Tau Beta Pi Florida Alpha Chapter has adopted Northeast 28th Ave from North Main St to Northeast 15th St. We are committed to remove litter at least six times each year and must remain in the program for at least two years. Each semester we plan a minimum of three clean-ups.

II. Purpose & Relationship to Objectives of TBP:

Part of our purpose is to serve our local community. By picking up garbage and cleaning up our environment, we are actively helping to keep our surroundings clean for the community and the animals that live in it. Furthermore, by conducting the clean-ups as a group, Tau Beta Pi is fostering strong bonds with it's candidates, members, and officers.

III. Organization & Administration: (in conjunction with another group? Yes No)

This project was organized and administered solely by the Florida Alpha chapter of Tau Beta Pi. One of the service coordinators picked up the trash kit from the Gainesville Public Works Department prior to the event. The kit is returned to the Gainesville Public Works Department after the event. We organized the event by planning to do it on an appropriate day that will ensure the highest turn out. We advertised the event through the UF TBP website, GBM meetings, social media platforms, and email. For logistics, we sent out a Google doc form for everyone to RSVP and an email stating the specifics of where and when to meet up for car-pooling.

IV. Cost & Personnel Requirements:

This project did not cost any money. The only requirement was to retrieve the street clean-up kit from the Gainesville Public Works Department during the week prior to the clean-up.

V. Special Problems:

There were no problems encountered during the organization of this service project or while it was taking place.

VI. Over-all Evaluation/Results (Be Specific):

This project encountered no problems and had below average participation, but overall was still successful. One possible reason for the low turnout could be that electees may have attended the GatorTrax volunteering event the previous morning. There was only one electee present, but we still collected 11 large black trash bags, 1 car battery, and 1 full bucket of latex. During this service project, several residents stopped their cars to acknowledge us for our community service. In addition, the officers and the electee were given valuable time to converse and connect with one another on a personal level as they cleaned the street.

VII. Index of Exhibits:

Members in Attendance: Ankit Patel, Travis Satiritz, Chad Spreadbury.

Electees in Attendance: Marcus Spanolios.

Pictures:



(Left) all bags filled with trash found on our street. (Right) Our member gets into the woods to make sure the area is clean.

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 77

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: UF Project Makeover

Date(s) of Project: 02/25/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 12

Electees: 4

Average number of hours per person spent on this project

Organizing: 2

Participating: 3.5

I. General Description:

Project Makeover is a community service project developed by a UF group that aims to improve local education through the creation of a more dynamic and engaging school environment. Each year, the project chooses a local school to “makeover” for the weekend, which includes renovations, painting, yard work, and crafting. The following Monday, the school children return to improved scholastic surroundings and amenities.

II. Purpose & Relationship to Objectives of TBP:

Tau Beta Pi is a large supporter of community involvement and fostering engineering interest. This year Project Makeover chose to renovate Stephen Foster Middle School, the school we have adopted and host several GatorTrax at. Stephen Foster is a magna school for those students interested in STEM fields, and so many of the makeover projects dealt with fostering and building upon the student’s interest in the STEM field. By working on this project, we not only were improving the school’s infrastructure, but also the neighborhoods aesthetic. Furthermore, through the work done at the school, the children will be able to have an enhanced learning experience that may foster interest in science and engineering.

III. Organization & Administration: (in conjunction with another group? Yes No)

Arrangements were first made with the organization regarding sign-up dates a month in advance. A head count was required 5 days in advance of the event, which required the creation of a Google Form sign up. Information was relayed regarding clothing requirement, which included close-toed shoes and appropriate working attire. Carpooling was arranged through meeting at the O’Dome parking lot at 11:00 AM, half an hour prior to the event. Forms had to be relayed and filled out prior to arriving to the school site to allow for school background checks and approval of our volunteering presence.

IV. Cost & Personnel Requirements:

The President ordered pizza to feed the Tau Beta Pi group. The pizza cost was \$37.78.

V. Special Problems:

We did not encounter any problems during the organizing or administration of this project.

VI. Over-all Evaluation/Results (Be Specific):

The event was a complete success. Due to the large number of Tau Beta Pi members, candidates, and officers in attendance we separated into two groups in order to complete as many projects as possible to maximize our impact on the school. One of our groups worked in the construction area and built 6 garden boxes to be used for interactive vegetable gardens around campus. The construction group also built several easels and a giant chalkboard to be used in the outdoor classroom. The second group journeyed into the edge of the woods and assembled the outdoor classroom. They cleared the classroom area of all debris and dug holes for the log seats. There was a very positive environment surrounding the event, enabling all volunteers to feel enthusiastic and encouraged

VII. Index of Exhibits:

Members in Attendance:

Electees in Attendance:

Pictures:



(Left) A group picture taken on Snapchat with the geofilter of this event. (Right) Our Tau Beta Pi girls are not afraid of getting their hands dirty!



(Left) Part of our group poses for a group picture in their outside classroom—we help build everything seen in this picture from scratch! (Right) Our Tau Beta Pi group poses for a group picture after an afternoon of hardwork!

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 78

New

Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Adopt-a-Street Clean-up #3

Date(s) of Project: 03/26/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 7

Electees: 8

Average number of hours per person spent on this project

Organizing: 1

Participating: 3

I. General Description:

The City of Gainesville's voluntary Adopt-A-Street Program was formed to help address the problem of roadside litter in our city. Tau Beta Pi Florida Alpha Chapter has adopted Northeast 28th Ave from North Main St to Northeast 15th St. We are committed to remove litter at least six times each year and must remain in the program for at least two years. Each semester we plan a minimum of three clean-ups.

II. Purpose & Relationship to Objectives of TBP:

Part of our purpose is to serve our local community. By picking up garbage and cleaning up our environment, we are actively helping to keep our surroundings clean for the community and the animals that live in it. Furthermore, by conducting the clean-ups as a group, Tau Beta Pi is fostering strong bonds with it's candidates, members, and officers.

III. Organization & Administration: (in conjunction with another group? Yes No)

This project was organized and administered solely by the Florida Alpha chapter of Tau Beta Pi. One of the service coordinators picked up the trash kit from the Gainesville Public Works Department prior to the event. The kit is returned to the Gainesville Public Works Department after the event. We organized the event by planning to do it on an appropriate day that will ensure the highest turn out (not on game day). We advertised the event through the UF TBP website, GBM meetings, social media platforms, and email. For logistics, we sent out a Google doc form for everyone to RSVP and an email stating the specifics of where and when to meet up for car-pooling.

IV. Cost & Personnel Requirements:

This project did not cost any money. The only requirement was to retrieve the street clean-up kit from the Gainesville Public Works Department during the week prior to the clean-up.

V. Special Problems:

We did not encounter any problems during the organizing or administration of this project.

VI. Over-all Evaluation/Results (Be Specific):

This project encountered no problems, had lots of participation, and overall was extremely successful. There was a large turnout of electees and this enabled us to clean the entirety of our street and some of the surrounding area. At the end of the event we had collected 13 large black trash bags filled with trash, 3 large car tires, and several large boxes. During this project several residents from the area approached us and thanked us for all we do for the community.

VII. Index of Exhibits:

Members in Attendance: Carla Azarola, Justin Cohen, Trevor Garglinghouse, Leah Hines, Ankit Patel, Travis Satiritz, Michael Shang.

Electees in Attendance: Jacob Amontree, Brain Habing, Zach Tveraas, Shreedevi Kumar, Austin Vera, Alex Leven, David Leonard, Leslie Richardson.

Picture:



Our attendees pose next to our street sign! Great turn out for this event!!

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 79

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Field and Fork Pantry Food Drive

Date(s) of Project: 01/30—04/01/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 5

Electees: 5

Average number of hours per person spent on this project

Organizing: 0.5

Participating: N/A

I. General Description:

The University of Florida has a program to provide food to those in the UF community that experience food insecurity. This program is based out of the Field and Fork Pantry located on campus. This is a non-profit organization and operates solely on the donations and volunteering of those within the UF community. The Field and Fork Pantry has a garden located on campus that students can volunteer with and they also have a pantry which food can be donated. We decided to host a Food Drive with TBP to allow those who are more fortunate to donate food to help out those who are less fortunate.

II. Purpose & Relationship to Objectives of TBP:

The main purpose of this event was to collect food to assist in the stocking of the Pantry so that those who experience food insecurity have a place where they can go and get something to eat. By doing this we are serving those in our UF community in their time of need. This correlates perfectly with the pillar of service in Tau Beta Pi; we serve the community not because we have to, but because we can and we want to.

III. Organization & Administration: (in conjunction with another group? Yes No)

This project was organized and administered solely by the Florida Alpha chapter of Tau Beta Pi. The first step to starting this program was to go to: <http://fieldandfork.ufl.edu/the-pantry/food-drives-2/> and fill out a form stating your intent to host a food drive. Next we informed all members, electees, and officers of the food drive and the times at which they could donate food. A log sheet was made and left in the office so that all officers could log in any donations that came in during their office hours. Finally, whenever food began to build-up in the office one of the Service Coordinators brought the food over to the Pantry so that it could be used.

IV. Cost & Personnel Requirements:

This project did not cost any money. There were only two real requirements. The first one was to create a log sheet so that the officers could keep track of who brought in food and how much they brought in. The second requirement was for one of the service coordinators to bring the food over to the Pantry during their hours of operations to ensure that the food was going to use and not sitting around in the office.

V. Special Problems:

We did not encounter any problems during the organizing or administration of this project.

VI. Over-all Evaluation/Results (Be Specific):

This project encountered no problems, had lots of participation, and overall was extremely successful. We were able to collect over 120 items of nonperishable food to be donated to the Pantry over the course of two months. The Pantry was extremely thankful for our donations and hopes we continue our Food Drives in the upcoming academic year.

VII. Index of Exhibits:

Members in Attendance: Shannon Brown (15 cans), Leah Carol (5 cans), Royce Reyes (4 cans), Travis Satiritz (10 cans), Madeline Sciuлло (2 cans).

Electees in Attendance: Brian Habing (10 cans), Charlie Hernandez (5 cans), Alexander Leven (20 cans), Leslie Richardson (20 cans), Kaleigh Rock (10 cans).

Picture:



Keileigh Rock's contribution: 10 cans!

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 80

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Out of the Darkness walk for mental health awareness and suicide prevention **Date(s) of Project:** 04/08/2017

Project area: Community/ Liberal Culture University/ College Profession/ Engineering Chapter/ Social Education/ Professional Development

Number of persons who participated in this project Members: 8 Electees: 0

Average number of hours per person spent on this project Organizing: 7 Participating: 1

I. General Description:

A walk hosted by the American Foundation for Suicide Prevention and Mental Health Awareness. Tau Beta Pi walked to raise money and awareness for mental health and suicide prevention representing the Herbert Wertheim College of Engineering.

II. Purpose & Relationship to Objectives of TBP:

To raise awareness of the problems of mental health in college. The major cause of death for young adults in the US is by suicide, so it is our duty to bring this issue to light and demonstrate compassion within our community. In addition, this event served to come together as a group over a serious problem facing all people in today's age.

III. Organization & Administration: (in conjunction with another group? Yes No)

The Engineering Student Advisory Council. The Corporate Relations Chair presented the idea during a General Body Meeting and formed a Tau Beta Pi group through the American Foundation for Suicide Prevention and Mental Health Awareness website.

IV. Cost & Personnel Requirements:

There were no costs associated with this event.

V. Special Problems:

None to report.

VI. Over-all Evaluation/Results (Be Specific):

A great time where Tau Bates could walk and talk about life, struggles they have faced, as well as

struggles that they have witnessed. I hope the club continues to participate in this event, as it is great to let everyone feel normal for having internal conflicts and struggles. Next year we should strive to raise more money for the cause.

VII. Index of Exhibits:

Members in Attendance: Felipe Lenz, Ryan Dargan, Douglas Steinbach, Felicia Sedwick, Shannon Brown, Catherine Miney, Trevor Garlinghouse.

Picture:



Our Tau Beta Pi members and guests pose for a group picture after completing the 2 mile walk to raise awareness for mental health and suicide prevention.

Social Development

Summer 2016

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 81

New

Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Ginnie Springs Trip

Date(s) of Project: 04/23/2016

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 13

Electees: 0

Average number of hours per person spent on this project

Organizing: 1

Participating: 3

I. General Description:

Day at Ginnie Springs to celebrate the beginning of summer.

II. Purpose & Relationship to Objectives of TBP:

To give members and officers an opportunity to interact and get to know each other in order to build a more cohesive society.

III. Organization & Administration: (in conjunction with another group? Yes No)

Google form for RSVP, Facebook poll to choose location. Emails to notify members.

IV. Cost & Personnel Requirements:

There were no costs associated with this event since everyone was responsible to cover their own costs.

V. Special Problems:

None to report.

VI. Over-all Evaluation/Results (Be Specific):

This event was super fun and everyone involved loved it! We rented tubes to go down the river, bought some beer and snacks and spent the days with friends!

VII. Index of Exhibits:

Members in Attendance: Anderson Sheets, Felipe Lenz, Kimmair Tran, Ryan Dargan, Christian Cocconcelli, Travis Satiritz, Maddie Sciuillo, Ben Schwaller, Jessica Mattews, Michael Everette, Surya Dhulipala, David Hernando, Adam LeMay,

Pictures of the Event:



(Left) Picking up the tubes to go down the river. (Right) Our TBP group stayed together on the way down the river! Fun way to end the year!

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 82

New

Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Breakfast Club: 43rd Street Deli

Date(s) of Project: 04/24/2016

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 7

Electees: 0

Average number of hours per person spent on this project

Organizing: 1

Participating: 1.5

I. General Description:

Brunch social at 43rd Street Deli to celebrate the end of the spring semester.

II. Purpose & Relationship to Objectives of TBP:

To give members and officers an opportunity to interact and get to know each other in order to build a more cohesive society.

III. Organization & Administration: (in conjunction with another group? Yes No)

Google form for RSVP, Facebook poll to choose location. Emails to notify members.

IV. Cost & Personnel Requirements:

There were no costs associated with this event since everyone was responsible to cover their own costs.

V. Special Problems:

Most members were 15 minutes or more late.

VI. Over-all Evaluation/Results (Be Specific):

Once everyone arrived it was successful. Everyone enjoyed the experience

VII. Index of Exhibits:

Members in Attendance: Anderson Sheets, Felipe Lenz, Kimmie Tran, Ryan Dargan, Christian Cocconcelli, Chad Spreadbury, David Hernando.

Electees in Attendance: N/A.

Pictures of the Event:



Left image: Group picture in front of the Breakfast Restaurant. Right image: Event coordinator enjoys her breakfast choice: French toast, eggs, and hash browns.

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 83

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Breakfast Club: Bagels & Noodles

Date(s) of Project: 05/22/2016

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 4

Electees: 0

Average number of hours per person spent on this project

Organizing: 1

Participating: 1

I. General Description:

Brunch social at Bagels & Noodles to celebrate the beginning of summer.

II. Purpose & Relationship to Objectives of TBP:

To give members and officers an opportunity to interact and get to know each other in order to build a more cohesive society.

III. Organization & Administration: (in conjunction with another group? Yes No)

Google form for RSVP and email/GroupMe messaging to notify members.

IV. Cost & Personnel Requirements:

There were no costs associated with this event since all who attended were responsible for their own food costs.

V. Special Problems:

Slightly lower turnout than anticipated.

VI. Over-all Evaluation/Results (Be Specific):

Overall it was successful and everyone who attended enjoyed the experience.

VII. Index of Exhibits: LEAVE BLANK

Members in Attendance: Daniel Fuenmayor, Christopher Pope, Benjamin Schwaller, Chad Spreadbury.

Electees in Attendance: N/A.

Photo:



Our officers and members pose for a selfie in front of the Restaurant.

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 84

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Breakfast Club: 43rd Street Deli

Date(s) of Project: 07/10/2016

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 6

Electees: 0

Average number of hours per person spent on this project

Organizing: 1

Participating: 1

I. General Description:

Brunch social at 43rd Street Deli

II. Purpose & Relationship to Objectives of TBP:

To give members and officers an opportunity to interact and get to know each other in order to build a more cohesive society.

III. Organization & Administration: (in conjunction with another group? Yes No)

Google form for RSVP and email/Facebook/GroupMe messaging to notify members.

IV. Cost & Personnel Requirements:

There were no costs associated with this event since all who attended were responsible for their own food costs.

V. Special Problems:

Was originally scheduled to be at Country Foodly but that restaurant was under renovation and we had to change the event location last minute. Everyone still attended at 43rd Street deli.

VI. Over-all Evaluation/Results (Be Specific):

Overall it was successful and everyone who attended enjoyed the experience.

VII. Index of Exhibits:

Members in Attendance: Benjamin Schwaller, Chad Spreadbury, Anderson Sheets, Michael Shang, Jessica Matthews, Daniel Fuenmayor.

Electees in Attendance: N/A.

Photos:



Our officers pose for a group photo in front of the restaurant.

Social Development

Fall 2016

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 85

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Summer and Fall Beer Wednesdays

Date(s) of Project: 05/18, 07/07, 09/14, 09/23, 09/28, 10/06, 11/10

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 16*

Electees: 16*

*Detailed attendance is seen below

Average number of hours per person spent on this project

Organizing: 3.5

Participating: 14

I. General Description:

A casual social to celebrate making it halfway through the week. Beer is half-off at Brass Tap every Wednesdays so it is a cost effective solution to decompress and enjoy a pint of beer without breaking the bank. Other bars and breweries where we hosted these events were: Swap Head Brewery, Crafty Bastards Bar, and First Magnitude Brewery.

II. Purpose & Relationship to Objectives of TBP:

Foster communication and bonding between members, officers, and candidates of TBP.

III. Organization & Administration: (in conjunction with another group? Yes No)

Emails were sent out to candidate and member listservs. These events were all mentioned during our General Body Meetings, and a reminder email was also sent out the day before each Beer Wednesday. These events were also advertised on the front page of our website, the Google Calendar, and the Master List of Dates. Word of mouth, our weekly newsletter ("This Week In Tau Beta Pi"), and GroupMe officer group message help increase attendance.

IV. Cost & Personnel Requirements:

There are no events associated with Beet Nights since each one is responsible to pay for their own drink. Occasionally, the Social Coordinators will cover one or two appetizers to the table in order to use the allocated budget for the semester.

V. Special Problems:

Beer Wednesdays usually has a good turnout, but during exam weeks, less people show up. Once

everyone arrives, the event tends to be a big hit. It seems that making sure the social chairs contact the President and the Webmaster to advertise outings on the website front page, Calendar, and Master List of Dates is a successful practice for bringing more people to our socials. Also, changing up the day and time we host our beer socials (or any other socials) may bring more members, and importantly candidates/electees, to them. In the future, it may be a good idea to use RSVP forms to get an idea of how many people will show up in order to make possible reservations for seats.

VI. Over-all Evaluation/Results (Be Specific):

This casual event is always a success, we noticed that whenever board games are brought and a bigger effort to make officers attend increases event turnout and the fun experienced by all involved.

VII. Index of Exhibits:

Members in Attendance:

May 18th Beer Social: Anderson Sheets, Felipe Lenz, Ryan Dargan, Chad Spreadbury.

July 7th Beer Social: Ryan Dargan, Surya Chandan Dhulipala, Felipe Lenz, Jessica Matthews, Celeste Rousseau, Anderson Sheets, Chad Spreadbury, Colton Weimerskirch.

September 14th Beer Social: Ryan Dargan, Surya Chandan Dhulipala, Felipe Lenz, Jessica Matthews, Celeste Rousseau, Anderson Sheets, Chad Spreadbury, Colton Weimerskirch.

September 23th Beer Social: Ryan Dargan, Felipe Lenz, Brianna Posadas, Anderson Sheets, Chad Spreadbury, Sandor Valenciaga, Josh Wagner, Colton Weimerskirch, Daniel Fuenmayor, Sebastian Sayavedra.

September 28th Beer Social: Anderson Sheets, Chad Spreadbury, Colton Weimerskirch.

October 26th Beer Social: Daniel Fuenmayor, Anderson Sheets, Chad Spreadbury, Josh Wagner.

November 11th Beer Social: Cristian Cocconcelli, Ryan Dargan, David Hernando, Felipe Lenz, Dana Lobmeyer, Anderson Sheets, Chad Spreadbury.

Electees in Attendance:

May 18th Beer Social: N/A.

July 7th Beer Social: N/A.

September 14th Beer Social: Daniel Barkley, Apoorv Jain, Cesar Hernandez, Chaitanya Kolluru, Carla Guidi Azarola.

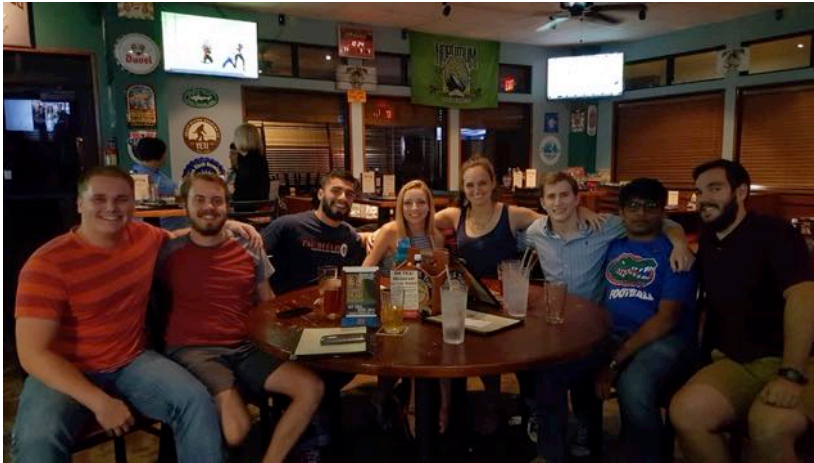
September 23th Beer Social: Reagan Fuhr, Parker McBryde, Douglas Steinbach, Kyle Vu, Lin Yuan, Tobias Lodemann.

September 28th Beer Social: N/A.

October 26th Beer Social: N/A.

November 11th Beer Social: Kathleen Dreyer, Max Greene, Ryan Nordman, Harry Reid, Kevin Shan.

Pictures of the Events:



Left image: Officers and Advisor enjoy beer at Crafty Bastards (July 7th). Right image: Members and candidates play corn hole inside First Magnitude Brewery (September 23rd).

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 86

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: North Texas Tailgate Social

Date(s) of Project: 09/17/2016

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 11

Electees: 5

Average number of hours per person spent on this project

Organizing: 3

Participating: 3

I. General Description:

The social was a tailgate preceding the football game against North Texas. Space was found on campus near the stadium and games (corn hole, table games, etc.) were brought for entertainment. Members also brought beverages to share.

II. Purpose & Relationship to Objectives of TBP:

The purpose of this social was to bring together as many members as possible around the celebration of the Gators team. This event allowed for a great deal of socializing between members as well as guests. It was also very accessible, making for a good way to welcome transfers and grad students to the UF family in a way that most events couldn't.

III. Organization & Administration: (in conjunction with another group? Yes No)

The event was advertised during the first (member) meeting and over email via the list serves. Because Chad was not available to help set up, announcements were made to the officers and Colton volunteered to help set up and bring his corn hole set.

IV. Cost & Personnel Requirements:

There was no cost associated with the social. The chair and one member had to arrive at the location an hour early to save the spot and set up the games. The chair and several members also cleaned up and secured belongings before the game.

V. Special Problems:

Scheduling. More tailgate socials were planned but didn't follow through because of the football schedule and the social chairs' schedules.

VI. Over-all Evaluation/Results (Be Specific):

This social was by far the most successful social of fall 2016, aside from the initiation banquet. Attendance was as strong as 20 or more people, members and guests, though attendance was not taken. We were even able to get members from another chapter to show up.

VII. Index of Exhibits:

Members in Attendance:

Anderson Sheets, Colton Wiemerskirch, Felipe Lenz, Ryan Dargan, Surya Dhulipala, Chad Spreadbury, Fidel Esquivel, Maggie Fettis, Sandor Valenciaga, Adriana Henao, Josh Wagner.

Electees in Attendance: Douglas Steinbach, Miguel Morales, Gabriela Buraglia.



All attendees pose for a group picture—Go Gators!

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 87

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Mochi Frozen Yogurt on University Ave **Date(s) of Project:** 09/20/2016

Project area: Community/ Liberal Culture University/ College Profession/ Engineering Chapter/ Social Education/ Professional Development

Number of persons who participated in this project Members: 11 Electees: 20

Average number of hours per person spent on this project Organizing: 1 Participating: 1

I. General Description:

A casual social at a nearby (about 50 ft off-campus) frozen yogurt establishment to celebrate the beginning of the semester and our first general body meeting.

II. Purpose & Relationship to Objectives of TBP:

Foster community and bonding between new candidates, current members, and officers of TBP (and to have delicious froyo)!

III. Organization & Administration: (in conjunction with another group? Yes No)

Event details were given in our "This Week in Tau Beta Pi" emails sent out on Mondays (this particular event was a Tuesday night). This event was also listed on our website's front page for about two weeks prior. Additionally, we advertised this event at our General Body Meeting that took place about an hour prior to this social.

IV. Cost & Personnel Requirements:

There were no costs associated with this event since all who attended were responsible for their own frozen yogurt costs.

V. Special Problems:

The only potential problem that may have aroused is that it was scheduled to rain that evening. This may have prevented more candidates/members from coming. Also, weeknight evenings are subject to candidates and members alike needing to complete assignments due at midnight/next day or studying for the week's assessments.

VI. Over-all Evaluation/Results (Be Specific):

It was a full house (quite literally). This event was an excellent opportunity to sit down, meet and greet with our new candidates, current members, and fellow officers. One of our largest turn outs in recent semesters (31 members and candidates)! It was a good chance to get to know our new candidates better and start building friendships with them and encourage them to come out to other events.

VII. Index of Exhibits:

Members in Attendance: Shannon Brown, Maddy Fuchs, Felipe Lenz, Kenneth McIntyre, Michael Orlando, Maddie Sciuillo, Michael Shang, Chad Spreadbury, Josh Wagner, Colton Weimerskirch, Jennifer Yoder.

Electees in Attendance: Daniel Barkley, Carlos Gonzalez, Wisam Fares, Trevor Garlinghouse, Aaron Giles, Sylvie Hyman, Apoorv Jain, Amanda Johnson, Emma Johnson, Henry Judson, Chaitanya Kolluru, Erin Kolman, John (Jia) Leong, Parker McBryde, Nathan Miller, Miguel Morales, Glendon Plumton, Brian Sokol, Douglas Steinbach, Ryan Wicks.

Photos:



Our members and candidates pose for a group picture inside Mochi Frozen Yogurt.

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 88

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Post Clean-up Brunch

Date(s) of Project: 09/25/2016

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 3

Candidates: 3

Average number of hours per person spent on this project

Organizing: 1

Participating: 1.5

I. General Description:

Brunch social at Bagels and Noodles as celebration of a successful street clean up service event.

II. Purpose & Relationship to Objectives of TBP:

To give members/officers and candidates an opportunity to interact and get to know each other.

III. Organization & Administration: (in conjunction with another group? Yes No)

Mentioned at 9/20 meeting. Organized at the cleanup.

IV. Cost & Personnel Requirements:

There were no costs associated with this event since all who attended were responsible for their own food costs.

V. Special Problems:

Parking was a little scarce

VI. Over-all Evaluation/Results (Be Specific):

Very successful. 6/8 volunteers attended the social. Also demonstrated interest past 2 socials a week.

VII. Index of Exhibits:

Members in Attendance: Anderson Sheets, Travis Satiritz, Michael Everette.

Candidates in Attendance: Thomas Truchement, Emma Johnson, Justin Cohen.

Photos:



Our members and candidates pose for a group picture inside Bagels and Noodles restaurant.

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 89

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Breakfast Club: The Flying Biscuit Cafe

Date(s) of Project: 10/02/2016

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 3

Electees: 2

Average number of hours per person spent on this project

Organizing: 1

Participating: 1

I. General Description:

Brunch social at The Flying Biscuit Cafe to start the week off right with a hearty meal and coffee.

II. Purpose & Relationship to Objectives of TBP:

To give members and officers an opportunity to interact and get to know each other in order to build a more cohesive society (and eat biscuits and coffee).

III. Organization & Administration: (in conjunction with another group? Yes No)

Google form for RSVP and email/Facebook/GroupMe messaging to notify members. Additionally, this event was advertised at the previous week's general body meeting.

IV. Cost & Personnel Requirements:

There were no costs associated with this event since all who attended were responsible for their own food costs.

V. Special Problems:

Was originally scheduled to be at The Jones B-Side but it was found midweek that it was closed for the week. So, Friday (two days prior) the event location was changed to The Flying Biscuit Cafe.

VI. Over-all Evaluation/Results (Be Specific):

It was successful and everyone who attended enjoyed the experience. The wait was 45 mins (typical on Sunday) but ended up only being ~30 mins. They will take reservations with just one person being present, but all (or most) must be there to be seated.

VII. Index of Exhibits:

Members in Attendance: Chad Spreadbury, Anderson Sheets, Josh Wagner.

Electees in Attendance: Leah Carol, Apoorv Jain.

Photos:



Our members and candidates pose for a selfie at Flying Biscuit restaurant.

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 90

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Member Candidate Social

Date(s) of Project: 10/11/2016

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 11

Electees: 25

Average number of hours per person spent on this project

Organizing: 1

Participating: 4

I. General Description:

A social was planned for members and new candidates to get to know each other and figure out how they would fit each other's lives. The social involved board games, video games, and ice cream in a classroom.

II. Purpose & Relationship to Objectives of TBP:

Tau Beta Pi aims to create a network of high character engineers. In order to help both members and candidates understand and assess the character of the incoming class, a social was planned so that everyone understood the character that was exhibited in the TBP Florida Alpha chapter. This way, both members and candidates could better understand how good a fit the incoming class was and form relationships that would help those fortunate to be elected to continue through TBP.

III. Organization & Administration: (in conjunction with another group? Yes No)

The organization of the event involved booking the room through the Reitz Union event services, advertising the event through TBP listservs, requesting an RSVP through Google documents, asking people to bring their games, purchasing ice cream, and serving the ice cream. Care was also taken to guide the group of people to have fun by playing an introduction game, and setting up different stations for people to enjoy different games.

IV. Cost & Personnel Requirements:

The cost was ice cream, cooling, spoons, and bowls. One officer guided the introductory social game, and took pictures in a fun manner. Another officer greeted each participant personally, made sure everyone signed up, and monitored the distribution of members among the game stations. Other officers helped set up game stations and brainstormed ideas for fun during the event.

V. Special Problems:

Some candidates did not know the difference between this social and the electee only social. Special care may be taken in future endeavors to clarify the difference between candidates and electees, and the purpose of the electee only social may be clarified earlier.

VI. Over-all Evaluation/Results (Be Specific):

This event was fun. The participants had much freedom and attended game stations in an even distribution. I feel the event helped foster a spirit of community within the organization and helped candidates better understand the exhibition of character by members outside of service and outreach events.

VII. Index of Exhibits:

Members in Attendance: Michael Shang, Felipe Lenz, Ryan St. Pierre, Maddie Sciuillo, Cristian Cocconcelli, Mary Regan, Josh Wagner, Shannon Brown, Chad Spreadbury, Catherine Miney, Colton Weimerskirch.

Candidates in Attendance: Naren Raman, Gabriela Buraglia, Glendon Plumton, Lauren Northrup, Ankit Patel, Natalie Vaughn, Katrina Milliser, Nicholas Verrire, Miranda Lochner, Tobias Lodemann, Haley Bross, Justin Cohen, Kevin Barta, Royce Reyes, Anna Montgomery, Thomas Truchement, Brian Sokol, Jorge Figueras, Samuel Armington, Daniel Barkley, Felicia Sedwick, Ryan Blanchard, Apoorv Jain, Parker Mcbryde, Carlos Gonzalez.

Photos:



Members and candidates play a card game (left) and everyone attending the event plays "I love all my friends who..." (right)



Our members and candidate face each other off on Smash Bros (left) and chess (right).

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 91

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Art in Engineering 2016

Date(s) of Project: 10/13/2016

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 3

Electees: 9

Average number of hours per person spent on this project

Organizing: 1

Participating: 2.5

I. General Description:

A social at the Harn Museum at UF to visit their Art in Engineering event celebrating engineering students' artistic endeavors.

II. Purpose & Relationship to Objectives of TBP:

To give members and officers a chance to interact, learn about other viewpoints of STEM through art, and support members and candidates who were presenting at the event.

III. Organization & Administration: (in conjunction with another group? Yes No)

Email/Facebook/GroupMe messaging to notify members. Additionally, this event was advertised at the previous week's general body meeting.

IV. Cost & Personnel Requirements:

There were no costs associated with this event.

V. Special Problems:

Our large group gradually split into several smaller groups since everyone has different attractions they wanted to see. If this is done in future years, maybe find a better way to keep everyone together. Regardless, everyone got to see Art in Engineering!

VI. Over-all Evaluation/Results (Be Specific):

Overall, the event was successful in building a greater sense of community between candidates and members. Watching our members (Danny & Julian) and candidates (Josh) present was definitely the highlight. Note: the free food will run out quickly.

VII. Index of Exhibits:

Members in Attendance: Daniel Fuenmayor, Julian Rey, Chad Spreadbury.

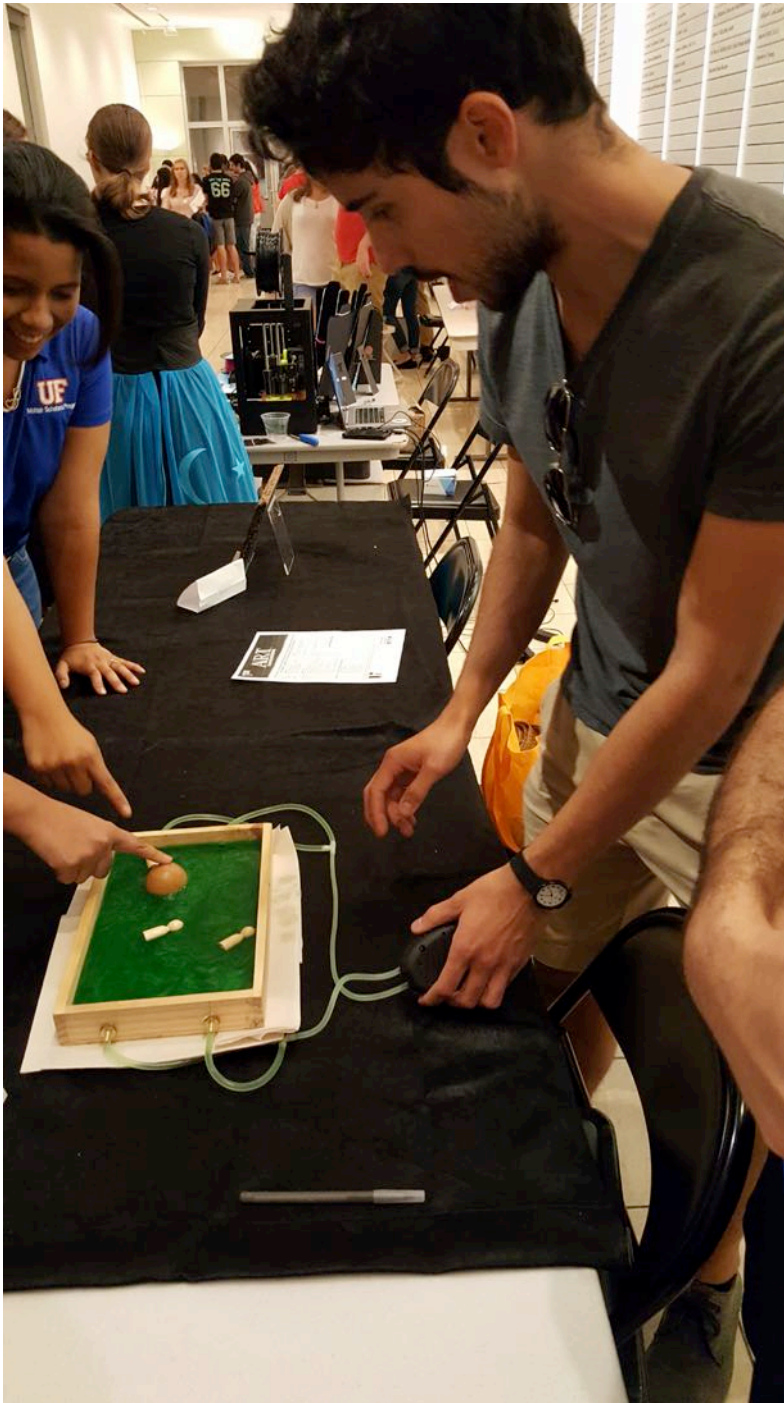
Electees in Attendance: Daniel Beach, Josh Benjamin, Ankit Patel, Raul Pedrosa, Royce Reyes, Sydney Shivers, Lance Smith, Derya Tanse, Lin Yuan.

Photos of the Event:



Our Recording Secretary, Daniel Fuenmayor, plays the acoustic guitar during the Art in Engineering

Event.



Our member Julian Rey shows visitors his Art in Engineering project.

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 92

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Fall Electee Only Social

Date(s) of Project: 10/27/2016

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 3

Electees: 45

Average number of hours per person spent on this project

Organizing: 2

Participating: 2

I. General Description:

This social was for all the newly electees to get to know each other a little better. We started the event with two ice breakers. The first was a massive game of rock paper scissors and the other was a group competition to see which group had someone with the best something in relation to a category. That lasted about 45 minutes and then we played a variety of board and card games. Donuts were also provided to the electees.

II. Purpose & Relationship to Objectives of TBP:

The purpose of the social was to let the new electee class get to know each other. Through this we hope to create a better sense of belonging within the class. This is part of our effort to increase the number of members that are active after their initiation.

III. Organization & Administration: (in conjunction with another group? Yes No)

There were no costs associated with this event.

IV. Cost & Personnel Requirements:

As we said we bought donuts for the social. We bought a couple dozen and the total cost was \$44.19. There were no other costs for the social since we brought all our own board games. The only personnel we needed were the two VP of Electees to host the event.

V. Special Problems:

This social did not run into any problems.

VI. Over-all Evaluation/Results (Be Specific):

This social turned out to be a very good event. The electees seemed to have a good time and most of

them stayed for much of the social. 45 of our 63 eligible electees went to the social, which we consider a good turnout since most of those who did not go had work or class.

VII. Index of Exhibits:

Members in Attendance: Michael Everette, Felipe Lenz, Benjamin Schwaller.

Electees in Attendance: Daniel Barkley, Kevin Barta, Daniel Beach, Ryan Blanchard, Haley Bross, Gabriela Buraglia, Sheila Capote, Leah Carol, Justin Cohen, Kathleen Dreyer, Michael Everette, Reagan Fuhr, Trevor Garlinghouse, Carlos Gonzalez, Leah Hines, Frederick Hodgins, Apoorv Jain, Emma Johnson, Amanda Johnson, Henry Judson, Erin Kolman, Jia Leong, Miranda Lochner, Tobias Lodemann, Brianna Malcolm, Nathan Miller, Katrina Milliser, Miguel Morales, Dominick Mulder, Lauren Northrup, Ankit Patel, Glendon Plumton, Royce Reyes, Benjamin Schwaller, Felicia Sedwick, Kevin Shan, Sydney Shivers, Lance Smith, Brian Sokol, Douglas Steinbach, Thomas Truchement, Natalie Vaughn, Nicholas Verrire, Razvan Vesa, Kyle Vu, Ryan Wicks.

Photos:



Electees gather around the final two contestants on the Rock-Paper-Scissors contest.

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 93

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Breakfast Club: Metro Diner

Date(s) of Project: 11/05/2016

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 6

Electees: 0

Average number of hours per person spent on this project

Organizing: 1

Participating: 1

I. General Description:

Brunch social at The Metro Diner to celebrate a successful service event and enjoy food and company.

II. Purpose & Relationship to Objectives of TBP:

To give members and officers an opportunity to interact and get to know each other in order to build a more cohesive society.

III. Organization & Administration: (in conjunction with another group? Yes No)

Even planned and then posted to "This Week in Tau Beta Pi" email, master list of dates, and announced in the

IV. Cost & Personnel Requirements:

There were no costs associated with this event since everyone who attended was responsible for their own food costs.

V. Special Problems:

Due to the large group we had to be seated at multiple tables. Luckily they were nearby. The wait was also very long, making for some very hungry bates.

VI. Over-all Evaluation/Results (Be Specific):

The event had very good turnout and everyone enjoyed themselves. The wait was very long as is typical for diners like metro.

VII. Index of Exhibits:

Members in Attendance: Chad Spreadbury, Anderson Sheets, Daniel Fuenmayor, Scott Fenton,

Tau Beta Pi

Florida Alpha Chapter

Madeleine Monfort.

Electees in Attendance: Daniel Barkleym Dominick Mulder, Razvan Vesa, Nathan Miller, Yanfang Ao.

Photos:



Our members and candidates pose in front of the restaurant for a group photo.

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 94

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Bent Polishing Social

Date(s) of Project: 11/17/2016

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 2

Electees: 17

Average number of hours per person spent on this project

Organizing: 2

Participating: 3

I. General Description:

This social was an opportunity for the new electees to polish their bents. The VPs of Electees brought tools to polish the bents. The electees had a fun time conversing with one another and finding the best way to polish their bents. Some of the electees also helped to polish the bent statue on campus while we had the tools out.

II. Purpose & Relationship to Objectives of TBP:

This social was another chance to let the new electee class get to know each other. Through this we hope to create a better sense of belonging within the class. This is part of our effort to increase the number of members that are active after their initiation. We also gave the electees an opportunity to polish their bents without making them get their own supplies.

III. Organization & Administration: (in conjunction with another group? Yes No)

There were no costs associated with this event.

IV. Cost & Personnel Requirements:

Supplies such as sandpaper, brass polish, and polishing rags were purchased, totaling under \$20. Other tools such as a belt sander and cordless drill were provided by officers. Both of the Vice Presidents of Electees were present to ensure safe practice with the power tools and to answer questions about polishing techniques.

V. Special Problems:

This social did not run into any problems.

VI. Over-all Evaluation/Results (Be Specific):

This social was successful. There were a fair amount of electees that came out. Additionally there were more candidates for the Chapter's best bent award than in previous semesters.

VII. Index of Exhibits:

Members in Attendance: Michael Everette, Benjamin Schwaller Anderson Sheets.

Electees in Attendance: Daniel Barkley, Kevin Barta, Joshua Benjamin, Haley Bross, Leah Carol, Wisam Fares, Carlos Gonzalez, John Gregory, Leah Hines, Frederick Hodgin, Apoorv Jain, Emma Johnson, Henry Judson, John Leong, Nathan Miller, Dominick Mulder, Lauren Northrup.

Photos:



Our electees polish their individual bents prior to initiation.

Social Development

Spring 2017

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 95

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Reitz Union Game Room Social

Date(s) of Project: 01/25/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 3

Electees: 0

Average number of hours per person spent on this project

Organizing: 1

Participating: 1

I. General Description:

At the Reitz Union Game Room Social, fellow Tau Beta Pi members played a game of pool to unwind and have fun after Career Showcase. Members got to interact with one another and network in a friendly environment by discussing the different engineering fields and course work required for their respective engineering field.

II. Purpose & Relationship to Objectives of TBP:

Tau Beta Pi hosted the event and it was open to all current members. The event was held in order to foster a stronger community of members and help bring members together to increase their working network. Tau Beta Pi is based on helping all of its members succeed and accomplish their goals so a larger network will lead to more opportunities that people have of landing a successful career.

III. Organization & Administration: (in conjunction with another group? Yes No)

The event was advertised through the Member meeting at the beginning of the semester, in the This Week in Tau Beta Pi email, and again in a reminder email three hours before the event. We also advertised the event in the Master List of Dates and on the home page of the UF TBP website. No other student organizations were involved in sponsoring the event. The Game Room Social was organized by Tau Beta Pi Social Coordinators.

IV. Cost & Personnel Requirements:

The Game Room Social did not require personnel to be present since the members were either going to play pool or bowling which does not necessitate having a certain skill level, and most people know how to play both games. The only personnel needed provided the pool balls, and ran a meter for the time we were playing. The cost of the social was really cheap since the pool game was \$2 per table per hour. We played for less than an hour and only used one pool table so the total cost was 71 cents for

the event.

V. Special Problems:

Since the event was on the last day of Career Showcase, I think there was a very low turnout for the event because some companies held dinners for their interns and some companies were holding information sessions. Since Career Showcase had been earlier in the day, it is likely that people did not go to this social because they had school work they needed and wanted to complete. We would do the events on Fridays, but the problem in that case would be the lack of space for us to play bowling and/or pool since the Reitz Union has Gator Nights on Friday nights. If we were to have these events on other days during the week, the cost for the event would be more expensive, and at that point it may not be worth it. Another potential problem could be related to the timing of the event, people may prefer to be at home by a certain time, and may not want to use their car to drive to campus in the evening since parking on campus can be an issue sometimes.

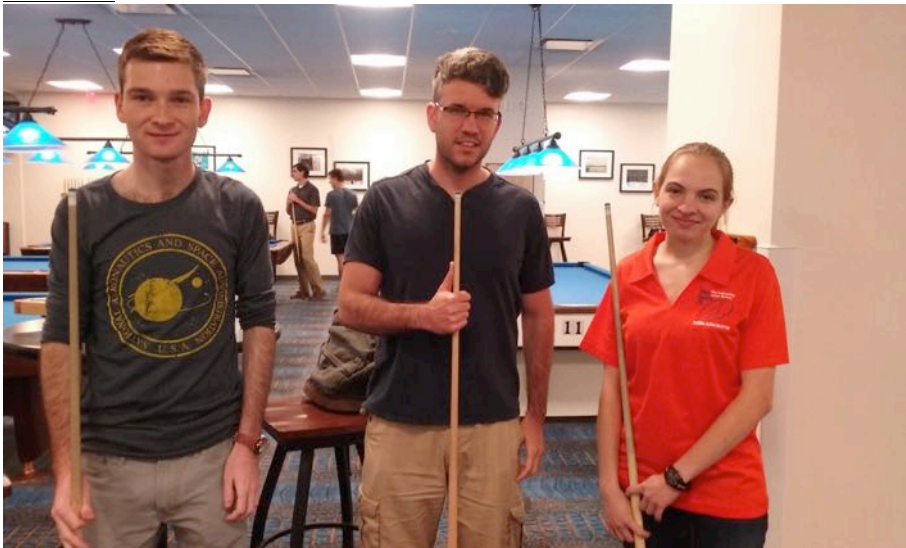
VI. Over-all Evaluation/Results (Be Specific):

Overall, the Game Room Social was successful in accomplishing its goals since it brought members together who had never met before, and gave people an opportunity to expand their network while giving people a chance to have fun after a busy day. The social was a success with pricing given that it was a self-hosted event, and it was an extremely cheap event at 71 cents for the pool table, pool balls, pool sticks, and the time we played. I am thinking that these events would be a bigger success if there were free food, but that would increase the price for the event, and with a limited budget we may need the money for other events. The attendance for the social could have been better, but for the reasons mentioned above, I believe the event was a success in terms of attendance.

VII. Index of Exhibits:

Members in Attendance: Ryan Schienkman, Felicia Sedwick, Sandor Valenciaga.

Pictures:



Our 3 members pose together for a photo after playing pool!

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 96

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Spring Beer Wednesdays

Date(s) of Project: 02/01, 02/15, 03/01, 03/29/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 13

Electees: 2

Average number of hours per person spent on this project

Organizing: 1

Participating: 2

I. General Description:

The traditional biweekly Brass Tap Beer Social to celebrate making it halfway through the week with half-priced drafts! Some attendees brought board games for added entertainment and occasionally Anderson would bring his home brewed beer to sample!

II. Purpose & Relationship to Objectives of TBP:

To meet new Candidates and give Officers and Members an opportunity to socialize and network in a very casual setting. This social is unique in that it allows members to bond on a more personal level than most socials allow. Historically, regular attendees of the beer socials go on to be more active in the society.

III. Organization & Administration: (in conjunction with another group? Yes No)

Emails were sent out to candidate and member listservs. GroupMe messaging was used to remind officers. The social was also advertised at the meetings.

IV. Cost & Personnel Requirements:

N/A

V. Special Problems:

Turnout early in the semester was a little low due to a learning curve with advertising. Later in the semester officer turnout became more regular and members followed suit.

VI. Over-all Evaluation/Results (Be Specific):

Overall the social was successful and will be continued in the future. Attendees pretty universally enjoyed the social. Board games were a great addition that were continued at every iteration after their introduction.

VII. Index of Exhibits:

Members in Attendance:

February 1st: Anderson Sheets, Daniel Barkely

February 15th: Felipe Lenz, Anderson Sheets, Colton Weimerskirch, Maddie Sciallo, Surya Dhulipala, Jessica Matthews, Ryan Dargan, Trevor Garlinghouse

March 1st: Felipe Lenz, Anderson Sheets, Ryan Dargan, Jessica Matthews

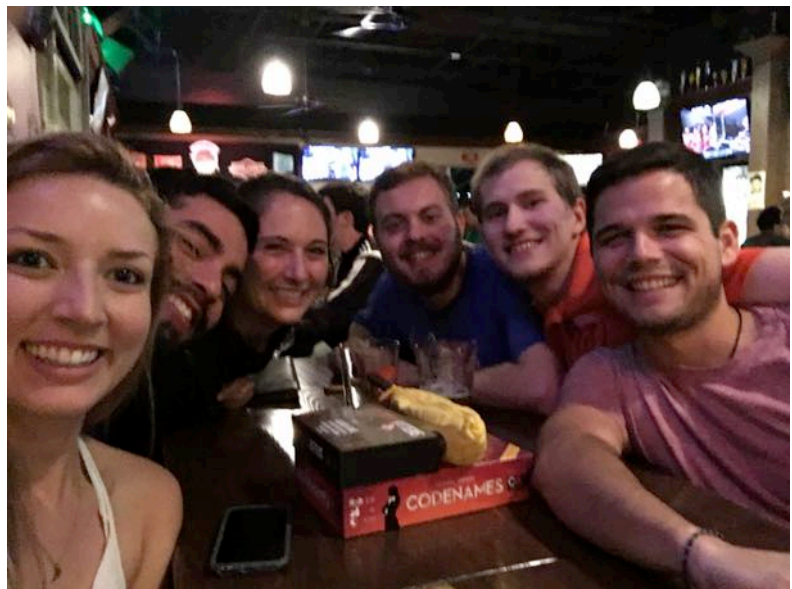
March 29th: Ryan St. Pierre, Maddie Sciallo, Jessica Matthews, Travis Satiritz, Reagan Fuhr, Daniel Barkely, Mark McNeely

Electees in Attendance:

February 1st: Jack Famiglietti (not elected), Jacob Amontree

March 1st: Kaileigh Rock

Photos:



white german beer. (Right) attendees tpose for a selfie before playing

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 97

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Mochi Social

Date(s) of Project: 01/31/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 11

Electees: 9

Average number of hours per person spent on this project

Organizing: 1

Participating: 1

I. General Description:

We hosted a social right after the first general body meeting to give candidates and members an opportunity to interact and fulfill a requirement before school became an issue for most people. The Mochi Social allowed candidates an opportunity to ask questions about Tau Beta Pi as well as get know the other members and officers in the organization.

II. Purpose & Relationship to Objectives of TBP:

Tau Beta Pi was involved in this event because it is a great way for fellow members and candidates to network. The Tau Beta Pi community becomes stronger with networking since people can help each other get a job or internship in the future through their connections with each other. As the Tau Beta Pi community grows and the members become successful in their careers the prestige and successful reputation of Tau Beta Pi is strengthened.

III. Organization & Administration: (in conjunction with another group? Yes No)

The event was hosted solely by Tau Beta Pi and was organized by the officers for the candidates. The event was advertised in the "This Week in Tau Beta Pi" email as well as during the meeting and on the Tau Beta Pi Florida Alpha website through the homepage and master list of dates. The event was organized as an informal way for candidates and members to network and learn about each other.

IV. Cost & Personnel Requirements:

Tau Beta Pi did not pay for the ice cream or frozen yogurt that candidates and members purchased while at Mochi so this event was free for Tau Beta Pi. We did not pay for personnel for this event since the only personnel required were the people working as cashiers in Mochi while people purchased the food.

V. Special Problems:

There were no monetary problems or weather issues during this event since Tau Beta Pi did not pay for anything and the weather was nice that evening. We would have liked more members and candidates to come to the event but that was not a major issue either.

VI. Over-all Evaluation/Results (Be Specific):

The event was really successful since we had 20 people total show up for the event with attendance being nearly split in half for the members and candidates. The event was successful monetarily since it was free for Tau Beta Pi. Tau Beta Pi has made an investment in the candidates and with those that showed up there should be a large likelihood of them becoming electees and future inductees. Everyone who attended the event strengthened their network by becoming acquainted with other members or candidates from different engineering disciplines which is the whole reason to be part of Tau Beta Pi. The event as a whole was a success.

VII. Index of Exhibits:

Members in Attendance: Trevor Garlinghouse, Felipe Lenz, John Leong, Jessica Matthews, Nathan Miller, Glendon Plumton, Royce Reyes, Travis Satiritz, Maddie Scullo, Felicia Sedwick, Michael Shang.

Electees in Attendance: Yantong Chen, Charles Hernandez, Aryan Jebelli, Shreedevi Kumar, Brian Kusnick, Morgan Leger, Lauren Medlin, Leslie Richardson, Marcus Spanolios, Michael Woc.

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 98

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Stargazing Social

Date(s) of Project: 02/03/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 2

Electees: 2

Average number of hours per person spent on this project

Organizing: 1

Participating: 1

I. General Description:

During the Stargazing Social, members and candidates met up at the UF Campus Teaching Observatory to learn a bit more about our universe while having the chance to interact in an informal environment. Attendees could build their network of people and strengthen their knowledge of the different engineering disciplines. Candidates also had the opportunity to ask questions about Tau Beta Pi and find out what makes Tau Beta Pi special.

II. Purpose & Relationship to Objectives of TBP:

The purpose for hosting the event was to network with candidates and members so that candidates would have an opportunity to find out about other members and develop an appreciation for the different engineering disciplines. Building a stronger network allows people to become more successful in their career because they have an understanding for what is involved and can better explain to future clients the process for what is behind the scenes. The social also gave candidates the opportunity to meet one of the requirements for induction into Tau Beta Pi.

III. Organization & Administration: (in conjunction with another group? Yes No)

This event was part of the Public Nights hosted by the UF Campus Teaching Observatory. There were astronomy professors and teaching assistants that set up the telescopes and allowed visitors and students to look through them while they discussed what they were seeing. They had a big telescope set up for the moon and another big one set up for Orion's sword. The smaller telescopes were set up to the planets and other stars and systems that were pretty easy to see in the sky. The event was advertised at the general body meeting earlier in the week and in the "This Week in Tau Beta Pi" email sent out the day before the meeting. We also posted the event details on the homepage of the website and on the Master List of Dates.

IV. Cost & Personnel Requirements:

The Stargazing Event was free for all members since it was part of the Public Nights event that the Astronomy department has open to all UF students and visitors. The personnel that were there were the teaching assistants and professors that pointed out various systems and discussed what we were seeing and why we were seeing it. Tau Beta Pi did not have to pay for the personnel though because they were already there and primarily hosting the event for the students in the astronomy class.

V. Special Problems:

Money was not an issue at this event since it was free to the public. The weather that day was perfect for seeing stars and constellations since the sky was clear. The RSVP for the event took care to ask if members or candidates would need a ride to the event but no one needed one so that was not an issue. We had fewer people than what was listed in the RSVP show up to the event so there definitely could have been more participants for the event. We probably didn't have many people show up because it was a Friday night and most people want to chill and do other things or maybe go home for the weekend if they can before the next week.

VI. Over-all Evaluation/Results (Be Specific):

The Stargazing Social was a success generally speaking since it was free and fun to everyone. Candidates did arrive to the event so it was successful in helping people get to know each other and interact with Tau Beta Pi members to learn about the organization and the type of people involved in the organization. For future events like this we may host a Trivia Night where we could put together questions with fun facts from previous events and have prizes and food at this event to encourage people to participate in more events.

VII. Index of Exhibits:

Members in Attendance: Shannon Brown, Felicia Sedwick.

Electees in Attendance: Brian Habing, Zach Tveraas.

Pictures:



Our members and electees pose for a photo next to the red neon light!

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 99

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Member Candidate Social

Date(s) of Project: 02/09/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 11

Candidates: 4

Average number of hours per person spent on this project

Organizing: 1

Participating: 4

I. General Description:

A social was planned for members and new candidates to get to know each other and promote more involved connections between them. The setup consisted of board games and refreshments provided in a spacious classroom with lots of room to play.

II. Purpose & Relationship to Objectives of TBP:

Tau Beta Pi aims to create a network of high character engineers. In order to help both members and candidates understand and assess the character of the incoming class, a social was planned so that everyone understood the character that was exhibited in the TBP Florida Alpha chapter. This way, both members and candidates could better understand how good a fit the incoming class was and form relationships that would help those fortunate to be elected to continue through TBP.

III. Organization & Administration: (in conjunction with another group? Yes No)

The organization of the event involved booking the room through the UF Registrar, advertising the event through TBP listservs, asking people to bring their games, and serving sodas, pizza, chips, peanuts, and potato salad. Different stations were set up for people to enjoy different games. Songs were streamed through the classroom speakers to create a more relaxed environment. Special care was taken not to overlap listserv announcements with the weekly "this week in TBP" emails.

IV. Cost & Personnel Requirements:

The cost was spoons, plates, sodas, pizza, chips, peanuts, and potato salad. Officers greeted each participant personally, made sure everyone signed up, and monitored the activity of people in the room. Other officers helped set up game stations and brainstormed ideas for fun during the event.

V. Special Problems:

Attendance and participation were lower than expected. Poor attendance may have been a result of changes in advertisement strategy, particularly by confining the listserv emails to the “This Week in TBP” announcement. Also, the event was not during the week of a TBP meeting, and many people who had attended the previous meeting already went to the Mochi social hosted right after it. Low participation attendees were asked why they were not socializing and studying instead. It happened to be that there were many exams that particular evening. Also, attendance was expected to be a bit less than last fall since spring semester is less popular and last fall several candidates confused the event with the Candidate only social and thought that the event was mandatory. To remedy these problems, it may benefit to hybridize the emailing strategies from last fall and this spring. Particularly, a RSVP may be sent out through two announcements: one during the “This Week in TBP” and one during the meeting. The event should also be hosted either one or two days after a member-candidate meeting. Although it is hard to predict when exams will happen, it might help to start a “known exam” schedule between the officer team. However, the feasibility of utilizing such a schedule may prove challenging. Although some of the candidates had much freedom, several chose to just eat and study without socializing. Ultimately, I did not choose to stop this behavior because the attendees had exams that day and it seemed counterproductive to prevent them from reviewing their material, as it would have probably caused them more stress in an event that was designed to destress students. As an aside, one candidate even showed up to the event but after learning that the event was not required, promptly left. I do not see this being a recurring problem, as we made a special effort this semester to tell people this was not mandatory and most candidates were aware that this event was not required. Not everyone was happy with the food choice. Potato salad was purchased as an effort to appease healthier people with more vegetarian habits. However, this idea greatly backfired because many people who liked salad did not like the copious amounts of mayonnaise in these items. In the future, I will try to suggest these to not be purchased again. Our very respected member Thomas Scruggs was also not in attendance so there was no Super Smash Bros. tournament. He is graduating so we must recruit another member of his high caliber.

VI. Over-all Evaluation/Results (Be Specific):

This event was of medium quality. The participants had much freedom but several chose to just eat and study without socializing. Although it was a social, there was not much socializing because many people were focused on other events, particularly exams. I feel the event helped foster a spirit of community within a small portion of the organization and seemed to benefit member-officer interactions more. Almost all the candidates were busy with other impending events, so the socializing part of the social was not very involving. Food choices were unique, but there was a lack of healthy options besides roasted peanuts. The group game, Codenames, that active participants were involved in was very successful. Perhaps Codenames can become a FL Alpha tradition. Success of the game was also in part due to a very charismatic host, Felip Lenz, who also happens to be the president.

VII. Index of Exhibits:

Members in Attendance: Samuel Armington, Jorge figueras, Doug Steinbach, Brian Sokol, Shannon Brown, John Leong, Jessica Matthews, Felipe Lenz, Michael Shang, Trevor Garlinghouse, Felicia Sedwick.

Candidates in Attendance: Brian Habing, Shreedevi Kumar, Melissa Burdier, Malak Anshassi.

Pictures:



Our members and candidates playing the board game Code Names. The Blue team won!

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 100

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Informal Brunch at The Coop

Date(s) of Project: 02/11/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 4

Candidates: 1

Average number of hours per person spent on this project

Organizing: 1

Participating: 1

I. General Description:

We hosted an informal brunch social after a GatorTrax event at The Coop on W. University Ave where Tau Beta Pi members and candidates could interact. During the brunch, attendees found out a bit more about the people in Tau Beta Pi and also developed a better appreciation for the different disciplines and engineering fields within Tau Beta Pi.

II. Purpose & Relationship to Objectives of TBP:

Tau Beta Pi was involved in this event because it is a great way for fellow members and candidates to network. The Tau Beta Pi community becomes stronger with networking since people can help each other get a job or internship in the future through their connections with each other. As the Tau Beta Pi community grows and the members become successful in their careers the prestige and successful reputation of Tau Beta Pi is strengthened.

III. Organization & Administration: (in conjunction with another group? Yes No)

This brunch was in conjunction with IEEE but there was no formal advertisement for this event through IEEE or TBP. I conducted the event because one of the candidates was available and I figured it would be easy to host it since we were going somewhere to eat anyway.

IV. Cost & Personnel Requirements:

We did not pay for personnel for this event although we interacted with the cashiers to pay for the food and pick it up afterwards. Tau Beta Pi did not pay for this event; all attendees paid for their own food.

V. Special Problems:

There was a lack of attendance for this event because it was not advertised and also because I had

canceled an event that was going to be later in the afternoon due to a lack of people RSVPing for the event. I probably should not have hosted the social at all but figured it would be convenient for the candidate and help him out.

VI. Over-all Evaluation/Results (Be Specific):

Overall, the event should have been coordinated better to fit the other events and probably should have happened on Sunday rather than Saturday since it was right after the GatorTrax event. The event was free for Tau Beta Pi so it was successful financially.

VII. Index of Exhibits:

Members in Attendance: Troy Heinzmann, Jessica Matthews, Maddie Scullo, Felicia Sedwick.

Electees in Attendance: Jake Pistiner.



Our members and electees pose for a group picture.

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 101

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Breakfast Club: Metro Diner

Date(s) of Project: 02/18/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 9

Electees: 1

Average number of hours per person spent on this project

Organizing: 1

Participating: 1

I. General Description:

In this social members and candidate(s) met for a casual brunch at the Metro diner. Attendees arrived and were able to enjoy a good meal and socialize.

II. Purpose & Relationship to Objectives of TBP:

The purpose of this social was to give members and candidates a chance to socialize and network in a casual setting. This helps create a sense of community in Tau Beta Pi that is crucial to maintain activity in the organization.

III. Organization & Administration: (in conjunction with another group? Yes No)

The social was advertised at the meeting as well as by email in the weekly "this week in tau beta pi" update. Chairs arrived shortly before 1 pm to put a name on the list to be seated. All members arrived long before a table was ready.

IV. Cost & Personnel Requirements:

None for Tau Beta Pi. Attendees paid for their own meals at their discretion

V. Special Problems:

As is usual with breakfast socials, the restaurant had a very long wait to seat us. Inevitably this forced one attendee to get food elsewhere because she had time constraints.

VI. Over-all Evaluation/Results (Be Specific):

This social required more time than usual because of the seating problem, and had fewer candidates than would have been ideal. Otherwise the event was a success and everyone had a good time.

VII. Index of Exhibits:

Members in Attendance: Anderson Sheets, Felicia Sedwick, Felipe Lenz, Celeste Rousseau, Jessica Matthews, Colton Wiemerskirch, Maddie Sciuillo, Royce Reyes, Trevor Garlinghouse.

Electees in Attendance: Austin Vera.



Our members and electees pose for a group picture!

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 102

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Reitz Union Game Room Social #2

Date(s) of Project: 02/22/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 7

Candidates: 1

Average number of hours per person spent on this project

Organizing: 1

Participating: 1

I. General Description:

At the Reitz Union Game Room Social, fellow Tau Beta Pi members played a couple games of bowling to unwind and have fun during midterm exams. Participants got to interact with one another and network through fun, but competitive games while learning about other engineering fields.

II. Purpose & Relationship to Objectives of TBP:

Tau Beta Pi hosted the event and it was open to all current members. The event was held in order to foster a stronger community of members and help bring members together to increase their working network. Tau Beta Pi foundations are built on encouraging all of its members to succeed and accomplish their goals so a larger network will lead to more opportunities that people have of landing a successful career.

III. Organization & Administration: (in conjunction with another group? Yes No)

The event was advertised through the General Body Meeting the week before, in the This Week in Tau Beta Pi email for that week, and again in a reminder email the day of the event. We also advertised the event in the Master List of Dates and on the home page of the UF TBP website. No other student organizations were involved in sponsoring the event. The Game Room Social was organized by Tau Beta Pi Social Coordinators.

IV. Cost & Personnel Requirements:

The Game Room Social did not require personnel to be present since the members were either going to play pool or bowling which does not necessitate having a certain skill level, and most people know how to play both games. The only personnel needed provided the bowling shoes, and ran a meter for the time we were playing. The cost of the social was close to \$38 for the bowling lane and shoes for all players during the time they played. We played for an hour and forty-five minutes and only used one

bowling lane so the cost was pretty cheap for the event overall.

V. Special Problems:

There were no major problems associated with the event. It would have been nice to have had more candidates come to the event, but overall, there was a good turnout. A consideration could be that there were exams going on that week which probably was the major limitation for the attendance. A potential problem could be related to the timing of the event. People may prefer to be at home by a certain time, and may not want to use their car to drive to campus in the evening since parking on campus can be an issue sometimes.

VI. Over-all Evaluation/Results (Be Specific):

Overall, the Game Room Social was successful in accomplishing its goals since it brought members together who had never met before, and gave people an opportunity to expand their network while having fun after a busy day. The social was a success with pricing given that it was a self-hosted event, and it was a cheap event at \$38 for the bowling lane and bowling shoes for the time and amount of people that played. I am thinking that these events would be a bigger success if there were free food, but that would increase the price for the event, and with a limited budget we may need the money for other events. The attendance for the social was a success since we had close to ten people attend.

VII. Index of Exhibits:

Members in Attendance: Ryan Dargan, Felipe Lenz, Royce Reyes, Felicia Sedwick, Michael Shang, Anderson Sheets, Chad Spreadbury.

Electees in Attendance: Brian Kusnick.

Picture:



Our members and electees pose for a group picture.

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 103

New

Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Spring Electee Only Social

Date(s) of Project: 03/16/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 3

Electees: 13

Average number of hours per person spent on this project

Organizing: 7

Participating: 2

I. General Description:

This social takes place every semester so that the electees can get to know the other electees on a deeper level. This semester, we brought the activity to a new level by designing an escape room-style activity in which the two groups of electees competed against each other to solve math and engineering puzzles to achieve a common goal. By creating a more complex activity, we hoped to build stronger relationships amongst the electees through team building as well as provide more entertainment. Publix subs and refreshments were also provided.

II. Purpose & Relationship to Objectives of TBP:

The purpose of the social was to allow the new electee class to further acquaint themselves with one another through teamwork and competition. By doing so, we hope to create a better sense of belonging within the class. This is part of our effort to increase the number of members that are active after their initiation. Ideally, the more the electees bond with each other, the better member retention we will experience post-initiation.

III. Organization & Administration: (in conjunction with another group? Yes No)

Both Vice-Presidents of Electees organized the social. The Vice-President reserved the room and the President helped lead the event.

IV. Cost & Personnel Requirements:

Publix subs and refreshments were purchased at a total cost of \$47.89.

2 rolls of duct tape and 5 total locks were purchased at a cost of \$36.15. These materials can be used for future socials, as well.

Total cost: \$84.04

V. Special Problems:

The problems we encountered were largely due to time constraints with regard to testing the escape room. Some of the puzzles proved more challenging than we expected. Luckily, we were prepared to give hints to facilitate the solutions. For future events, a full-length test should be conducted beforehand using non-electee participants to ensure the room takes an appropriate amount of time.

VI. Over-all Evaluation/Results (Be Specific):

The social was overall very successful. We began with a lively icebreaker in which electees had a famous person or character on a sticky note on their foreheads. They had to communicate with other electees to figure out who the character was, resulting in about 20 minutes of entertainment. Since the President ran the icebreaker, it provided ample time for the VPs of Electees to set up the escape room. Electees were then separated into two teams that were roughly equal in terms of engineering-discipline variety. For example, each team had at least one Mechanical, Chemical, and Computer Engineering student. This was done to ensure the teams each had a fair chance at solving the variety of puzzles waiting for them inside. Once the room was complete, electees were allowed inside to briefly eat and socialize before beginning the activity. When the main activity started, the electees were enthusiastic and eager to work together to solve the problems. Since the problems touched on subjects from a variety of disciplines, all of the electees were heavily involved in working together. It was impressive to see the many different ways the electees went about attempting to solve the problems. Problems spanning from floating marbles on water using duct tape to solving chemical equations to crack codes made for an exciting and challenging event. Many of the problem setups and solutions used can be found at the end of this document for future reference. At the end of the event the response was overwhelmingly positive. Some electees said they would love to be involved in similar events in the future, and that this format for the social should also be used for upcoming semesters.

VII. Index of Exhibits:

Members in Attendance: Felipe Lenz, Jessica Matthews, Nathan Miller.

Electees in Attendance: Lauren Medlin, Shreedevi Kumar, Jake Pistiner, Charles Hernandez, Liam Carroll, Yantong Chen, Brian Habing, David Leonard, Zachary Tveraas, Jacob Amontree, Parker Evora, Kaileigh Rock, Michael Woc.

Puzzles and Challenges:

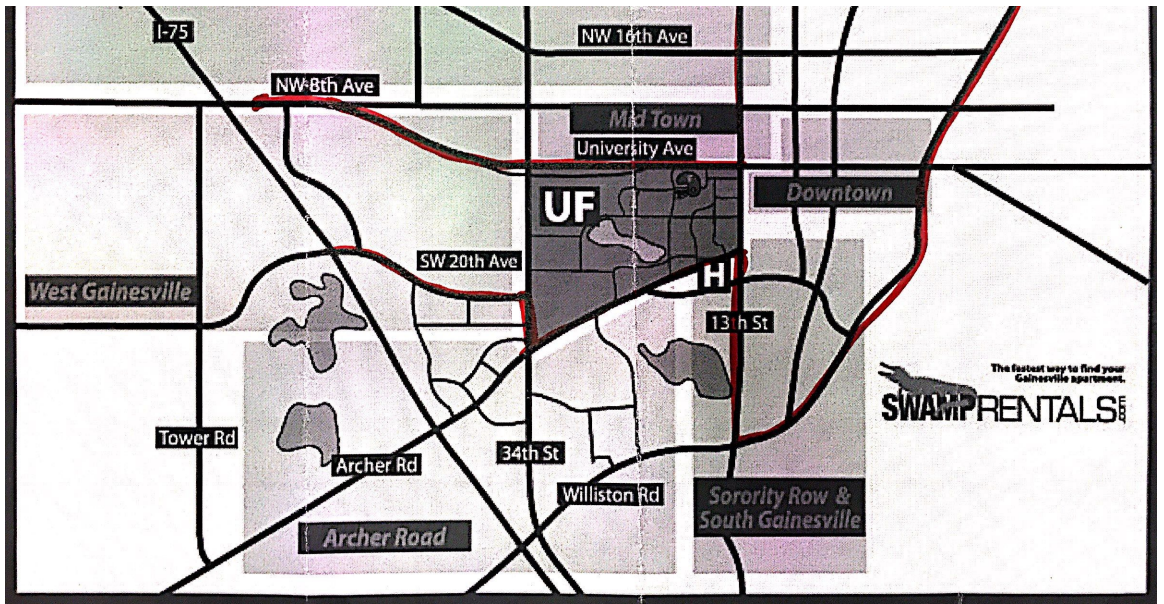


Figure 1 - Directions and this map were used to create a "circuit" pattern – see Figure 2

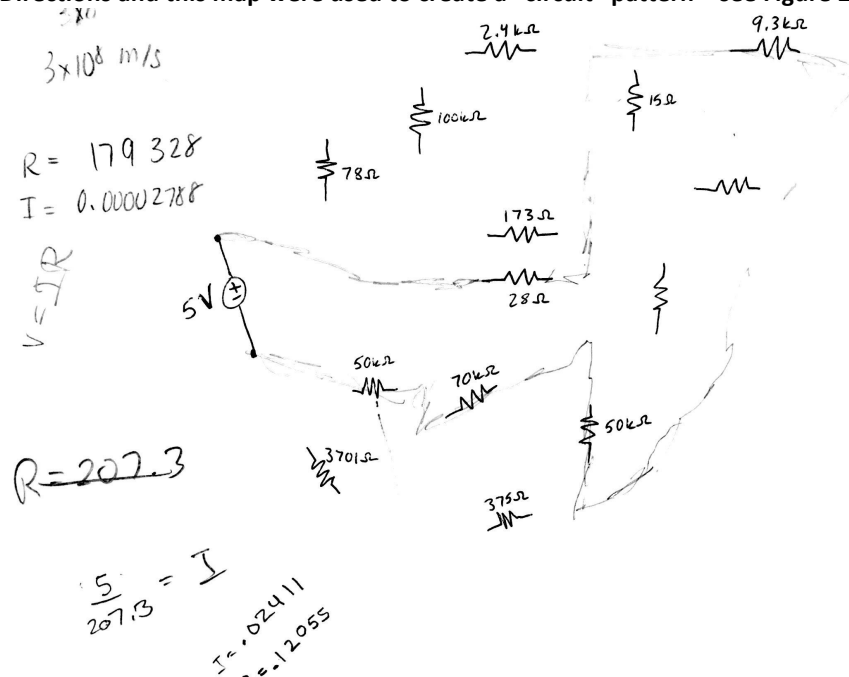


Figure 2 - Overlaying the map on this image yielded a 6 digit equivalent resistance for a phone passcode

| | | | | |
|---|----|----|----|----|
| 1 | 23 | 18 | 7 | 32 |
| 2 | 15 | 5 | 29 | 10 |
| 3 | 37 | 11 | 24 | 6 |
| 4 | 25 | 4 | 20 | 34 |
| 5 | 14 | 16 | 1 | 31 |

Figure 3 - A combustion reaction yielded coefficients (left) for each element. The resulting numbers were a combination for a lock

$$\int_0^2 4\mu^3 d\mu$$

$$\frac{2^4}{4} = 16$$

Cylinder with radius $r = 2$ and height $h = \frac{2}{\pi}$.
 Volume?

Figure 4 - Solving these equations yielded 16 and 8, referring to hexadecimal and octal ASCII decoding

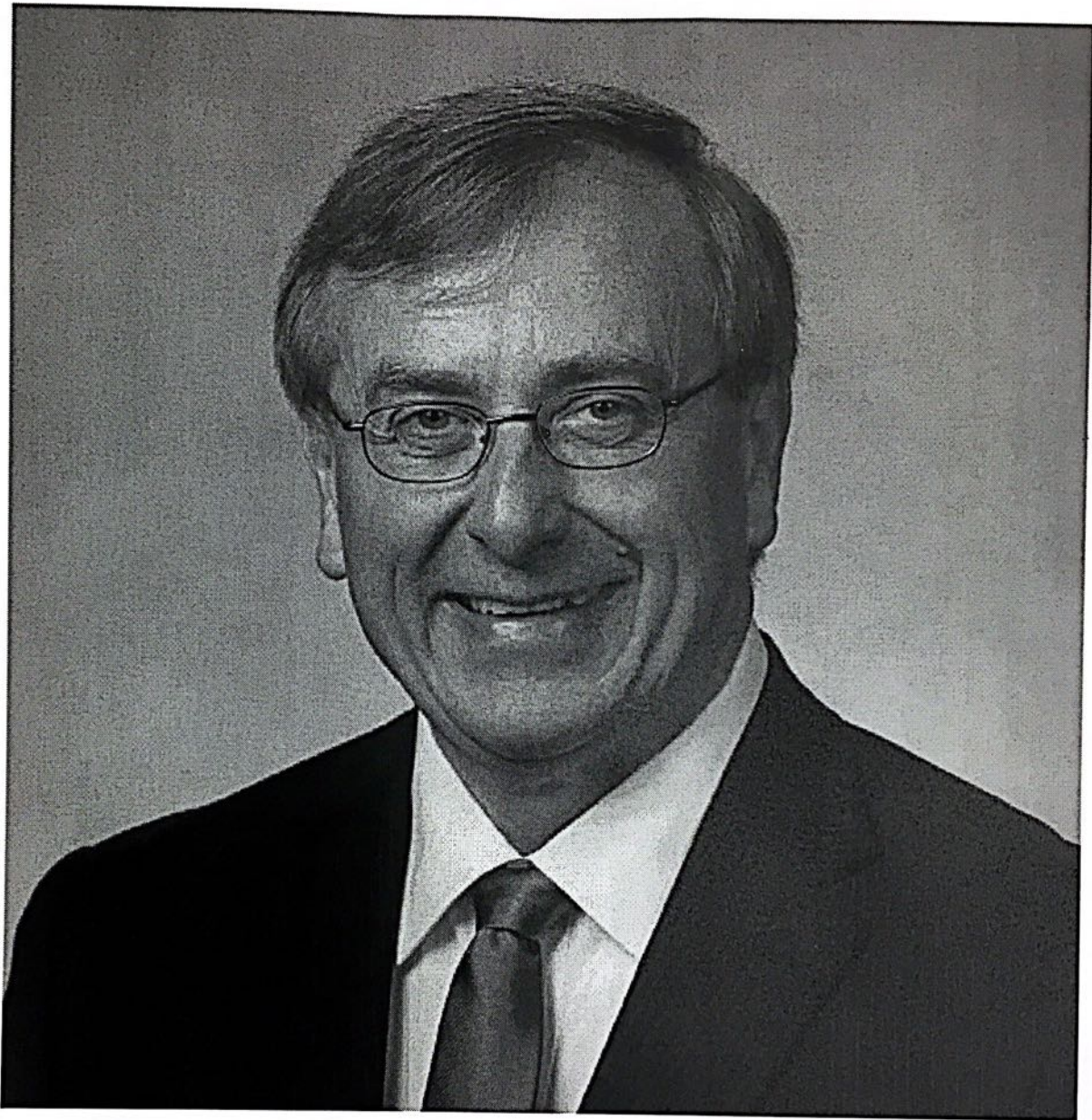


Figure 5 - Famous engineers and Tau Bates were pictured to be used in ASCII codes. The correct picture had a combination written on the back



Figure 6 - The directional locks were used with a code produced from a free body diagram

ASCII Code Examples:

436F6D62757374433348364F = "Combust C3H60"

125156154157143153164150145146141154154145156141160160154145 = "Unlock the fallen apple" (Sir Isaac Newton's picture)

103141154154164150145146141157165163124141165102141164145 = "Call the famous Tau Bate" (Kent Fuchs)

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 104

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Breakfast Club: Cracker Barrel

Date(s) of Project: 03/18/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 8

Electees: 2

Average number of hours per person spent on this project

Organizing: 1

Participating: 1

I. General Description:

At the Cracker Barrel Breakfast Social, officers, members, and electees had the opportunity to sit at a table and enjoy a homemade country breakfast while engaging in conversation with each other and learning about each other. We hosted the event because we, as an organization, wanted to get to know the electees that we would be inducting, and we knew the electees wanted to get to know the people already in Tau Beta Pi. The event allowed people to strengthen their network which will prove useful when going to apply for jobs, and even when we are working in our jobs.

II. Purpose & Relationship to Objectives of TBP:

Tau Beta Pi was involved in this event because it is a great way for fellow members and candidates to network. The Tau Beta Pi community becomes stronger with networking since people can help each other get a job or internship in the future through their connections with each other. As the Tau Beta Pi community grows, and the members become successful in their careers, the prestige and successful reputation of Tau Beta Pi is strengthened.

III. Organization & Administration: (in conjunction with another group? Yes No)

This event was not in conjunction with another organization. The event was advertised in the "This Week in Tau Beta Pi" email at the beginning of the week, the general body meeting that was a few days before the event, and in an email that was sent out the day before the event. The event was organized by one of the Social Coordinators in Tau Beta Pi, and we got a table at 1:00PM as was advertised.

IV. Cost & Personnel Requirements:

We did not pay for personnel for this event although we interacted with the cashiers to pay for the food and have it served to us while we were in the restaurant. Tau Beta Pi did not pay for this event; all

attendees paid for their own food.

V. Special Problems:

Although I would have liked to see more people attend for the event, I do not think that was a problem we encountered. A possible problem could be that the event occurred after Spring Break, so many people have exams scheduled after Spring Break and may prefer to study to maintain their grades. Another issue could have been the location of the event being at Cracker Barrel, which could be out of the way for some people. It is possible that people were not able to get a ride, even though we would have accommodated for that. I do not think these problems played a huge role for the turnout of the event if they played any role at all.

VI. Over-all Evaluation/Results (Be Specific):

This event was a success financially since Tau Beta Pi could host the event and save our money for an event in the future. It was a success due to advertisement since we used all the resources we had to advertise the event, and we had a great turnout of 10 people total at the Breakfast Social. Everyone who RSVPed for the event and attended was accommodated. The event was also a success because it gave all attendees the opportunity to build their network and establish a stronger foundation for their future through interacting with other engineering disciplines.

VII. Index of Exhibits:

Members in Attendance: Danny Fuenmayor, Kasandra Gilley, Carla Guidi Azarola, Felipe Lenz, Jessica Matthews, Lauren Northrup, Maddie Scullo, Felicia Sedwick.

Electees in Attendance: Parker Evora, Zach Tveraas.

Picture:



Our members and electees pose for a group picture outside Cracker Barrel

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 105

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Pi Day 5k run

Date(s) of Project: 03/19/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 12

Electees: 2

Others: 18

Average number of hours per person spent on this project

Organizing: 15

Participating: 3

I. General Description:

The Pi Day 5K was a 3.14 mile run on the Hawthorne Trail in Gainesville, Florida to celebrate Pi Day. After the participants run or walk, they are rewarded with pie at the finish line. This is event we put on each year as close to Pi Day as possible. This year the cost to participate was \$5 which went towards dry fit T-shirts for the event.

II. Purpose & Relationship to Objectives of TBP:

The purpose was to celebrate Pi Day with the members and electees, as well as to raise awareness for TBP in the community.

III. Organization & Administration: (in conjunction with another group? Yes No)

I reserved the trail for the run, designed and ordered t-shirts, purchased bibs, pies, fruit, and water for the run, made signs showing mileage displayed on the trail, advertised during meetings, on facebook, and around campus, made a Google RSVP link, bought prizes for the winners, set up before the run, collected participant money, and cleaned up afterwards.

IV. Cost & Personnel Requirements:

Cost of 66 dry fit t-shirts was \$460.08. The cost of the pies, water, and fruit was \$72.35. The cost of race equipment which included bibs and safety pins was \$33.66. The and President and Pi Run Coordinator made the race signs before the event and arrived at the park there early to set them up on the trail.

V. Special Problems:

We had approximately 30 people sign up who did not show up. Therefore, we had ordered way too many shirts. We also ordered too much pie for the event, however we were able to return these and

got out money back.

VI. Over-all Evaluation/Results (Be Specific):

The event was overall a success. People enjoyed celebrating pi day and the pie afterwards. The t-shirt design was very popular. We sold many after the event and didn't include a year in the design so we will be able to continue selling the extras. Next year we should have people pay ahead of time so that we don't lose money on shirts for no-shows. Also, it would be a good idea to change the price based on Tau Beta Pi affiliation (i.e. charging more for non-members). Organizing the event alone was somewhat difficult and it may be nice to have committees set up to help organize.

VII. Index of Exhibits:

Members in Attendance: Shannon Brown, Ryan Dargan, Felipe Lenz, Jessica Matthews, Thomas Scruggs, Chad Spreadbury, Andrew Bingler, Paige Bohana, Maggie Fettis, Venkata Surya Chaitanya Kolluru, Anna Montgomery, Dominick Mulder

Electees in Attendance: Shreedevi Kumar, Kaileigh Rock

Others in Attendance: Colin Adema, Phoebe Brown, Caroline Comeau, Phillip Dixon, Jeff Fedenko, Sarathy Kannan Gopalakrishnan, Ryan Hardy, Li Jason, Calixtro Joyce, Justin Lane, Lan Nguyen, Valentina Otero, Janani Prakash, Biswas Rijal, Donna Rock, Regan Straeb, Vrunda Trivedi, Ruthwik Nekkanti

Photos:



All participants of the race pose for a group picture following the event.



The t-shirt design for the event. We used Tau Beta Pi's official Pi Day logo for the front.

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 106

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Trampoline Social

Date(s) of Project: 3/22/17

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 3

Electees: 1

Average number of hours per person spent on this project

Organizing: 1

Participating: 1

I. General Description:

This social was an experimental event at Get Air! Gainesville, a trampoline center in town. Attendees were able jump high and far on the main floor as well as test themselves on the many challenges. Because of the relatively high cost of admission, the price of the required socks was reimbursed to attendees.

II. Purpose & Relationship to Objectives of TBP:

The purpose of this event was to allow for socialization and networking between members, as well as get some much needed exercise and stress relief.

III. Organization & Administration: (in conjunction with another group? Yes No)

The event was advertised at the prior meetings, as well as by email through the "this week in tau beta pi" update. The event originally was going to be a game night at the student union, but the trampoline social was chosen by the officer team. Expected attendance was tracked with an RSVP via google forms.

IV. Cost & Personnel Requirements:

There was no personnel requirement but the event did cost \$5.50 per attendee (4 people, \$22 total). This encompassed the socks for each person as well as the cost of the discount that was unexpectedly not available.

V. Special Problems:

There is normally a 20% off discount for students on Wednesdays, but because it was spring break for local schools, there was no discount. We solved this by reimbursing the discount to the attendees from the social budget.

VI. Over-all Evaluation/Results (Be Specific):

Despite a very low turnout the event was successful and the attendees very much enjoyed themselves.

VII. Index of Exhibits:

Members in Attendance: Felipe Lenz, Ryan Dargan, Anderson Sheets

Electees in Attendance: Alex Leven

Pictures:



(Left) our attendees have fun jumping on the trampoline park. (Right) Our President attempts to look like Superman.

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 107

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Bent Polishing Social

Date(s) of Project: 03/30/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 3

Electees: 7

Average number of hours per person spent on this project

Organizing: 1

Participating: 2

I. General Description:

This social was an opportunity for the new electees to polish their bents. The VPs of Electees brought tools to polish the bents, and one of the social coordinators brought some additional supplies. The electees had a fun time getting to know one another and finding the best way to polish their bents. The result was some very well polished bents, one of which won the "best bent" award at banquet, and a stronger bond between the electees.

II. Purpose & Relationship to Objectives of TBP:

One main objective of this event was to give electees an opportunity to polish their bents without being required to purchase supplies for themselves. Additionally, new friendships were formed as they shared the journey of polishing their bents. This forms a sense of belonging in the organization, which is imperative in our attempts to increase member retention post-initiation.

III. Organization & Administration: (in conjunction with another group? Yes No)

The Vice Presidents of Electees organized this event. The Social Coordinator, Anderson Sheets, gave a talk on the best approach to polish your bent casting.

IV. Cost & Personnel Requirements:

Supplies such as sandpaper, brass polish, and polishing rags had already been purchased in previous semesters. The VPs of Electees and social coordinator provided other tools such as files and cordless drills. Officers were present to ensure safe practice with the power tools and to answer questions about polishing techniques.

V. Special Problems:

No problems occurred during the social. The only potential for problem was running out of battery on

the drills, which could be solved by bringing a charger or an extra battery.

VI. Over-all Evaluation/Results (Be Specific):

The social was very successful. It did not take very long to plan, it was not necessary to book a room (since it was held outdoors), and the materials had already been purchased from previous semesters. The result was an easy event that allowed the electees to create more relationships and be competitive for the “best bent” award.

VII. Index of Exhibits:

Members in Attendance: Anderson Sheets, Jessica Matthews, Nathan Miller.

Electees in Attendance: Lauren Medlin, David Leonard, Matthew Capriotti, Liam Carroll, Austin Vera, Brian Habing.

Picture:



Our electees polish their bent castings. The shiniest bent will receive a \$50 check during the Initiation Banquet!

The Tau Beta Pi Association

Chapter Project Report

Chapter: Florida Alpha

Project number: 108

New Recurring

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: End of Year Social

Date(s) of Project: 04/08/2017

Project area: Community/
Liberal Culture University/
College Profession/
Engineering Chapter/
Social Education/
Professional
Development

Number of persons who participated in this project

Members: 25

Electees: 0

Average number of hours per person spent on this project

Organizing: 1

Participating: 3

I. General Description:

The end of the year social was a bar-be-que at Lake Wauburg intended to give new and old members a chance to interact and relax before finals started. Hamburgers and hotdogs were made for all the attendees. Chips and drinks were also provided. A volleyball was brought and many members got a chance to play some beach volleyball at the courts!

II. Purpose & Relationship to Objectives of TBP:

The purpose of this project was to give an opportunity for the new and old members to socialize and network, give the leaving members a sort of send-off, as well as provide a stress relief opportunity.

III. Organization & Administration: (in conjunction with another group? Yes No)

Initial ideas for the event were pitched to the officer team a month in advance. Once the event had been finalized, planning and advertising started, using email and meetings to advertise. An RSVP google form was used to track expected attendance, as well as food requirements and any special food needs of attendees.

IV. Cost & Personnel Requirements:

The event cost \$120.87, for food, drinks, charcoal, and any other items needed. One of the chairs arrived early to secure a grill and table at the lake, and the other chair was in charge of food preparation and manning the grill.

V. Special Problems:

The only major problem was that chunk charcoal takes a long time to light and the food was ready later than anticipated. There was also a minor issue, where a number of members who RSVP'd canceled late or didn't show up at all.

VI. Over-all Evaluation/Results (Be Specific):

The event was overall a success. Attendance was a little lower than expected but still very good. Everyone seemed to enjoy themselves and good conversation was abound.

VII. Index of Exhibits:

Members in Attendance: Islam Badreldin, Haley Bross, Matthew Capriotti, Leah Carol, Yantong Chen, Ryan Dargan, Trevor Garlinghouse, Max Greene, Carla Guidi, Frederick Hodgins, Adam Lemay, Felipe Lenz, Tobias Lodemann, Brianna Malcolm, Lauren Medlin, Catherine Miney, Dominick Mulder, Thomas Scruggs, Felicia Sedwick, Michael Shang, Anderson Sheets.

Picture:



Our social Coordinator, Anderson Sheets, prepares fresh burgers! Yum!