



Tau Beta Pi Florida Alpha
University of Florida
Annual Report 2021-2022



Fellow Tau Bates,

On behalf of the Florida Alpha chapter, we are pleased to present to you our 2021-2022 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 continued to host several GatorTRAX (K-12 MindSET) sessions per semester! We are also thrilled to have continued our lasting relationships with organizations in the community as well as created some new relationships.

Chapter members and electees contributed over 3000 hours towards our projects/events and over 1000 hours towards our chapter operations/meetings. In addition, **a total of 64 new members were initiated!** We are immensely proud that our chapter was able to send 4 officers and an advisor to the District 5 Conference in Orlando, Florida this year! The number of new members saw a 129% increase from the previous year, showing a huge improvement in our on-campus image.

The success of our chapter is the direct result of the **members who served in a total of over 20 officer positions**, some for a semester, and some for an entire academic year. These officers helped organize **59 chapter projects**. These events included many great community service projects such as volunteering with Project Makeover at a local elementary school, along with 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 focus for this year was to improve our member retention. We implemented our new TBP “families” during the Spring semester, which allowed for the formation of small groups where electees can meet officers and other members throughout the semester. We awarded the “best team” award at our end-of-year banquet to the team that had the most participation in social and service events, encouraging coordination between team members to attend events collectively.

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 very clear that Florida Alpha has much to look forward to in the upcoming years!

Sincerely,



Julia Withrow
President



Parker Kotlarz
Vice President

Contents

1	Advisory Board Meeting	4
2	SWE eSwamp Tabling	6
3	Officer Meeting #1	8
4	Fall Member Meeting	9
5	Street Clean-Up #1	10
6	FLEG Corporate Formal Tabling	13
7	Fall General Body Meeting #1	15
8	Billiards Social	16
9	GatorTRAX Event 1 - Rheology & Event Preparation	18
10	Virtual Game Night Social	22
11	D5: GA Gamma Welcome	23
12	Virtual Baking Social	25
13	Fall General Body Meeting #2	26
14	GatorTRAX Event 2 - Catapults & Event Preparation	27
15	Street Clean-Up #2	31
16	Volleyball Social	33
17	Fall Candidate Elections	35
18	Virtual Baking Social #2	36
19	Electee-Only Social	38
20	GatorTRAX Event 3 - American Nuclear Society & Event Preparation	40
21	Fall General Body Meeting #3	43
22	Virtual Game Night Social #2	44
23	Street Clean-Up #3	46
24	Fall Initiation Ceremony	48
25	Fall Banquet & Awards Ceremony	50

26 Fall Officer Elections 54

27 Street Clean-Up #4 55

28 Clock Tower Renovation Project 57

29 Spring Advisory Board Meeting 64

30 Spring Officer Meeting 66

31 Spring Member Meeting 67

32 Jan. 26 Cub Scouts GatorTRAX 68

33 Billiard’s Social 72

34 Baking Social 73

35 Spring 2022 GatorTRAX Event 1 - Magnetism 74

36 Spring General Body Meeting 1 76

37 Street Clean-up 1 77

38 Project Makeover 2022 80

39 Ice Cream Social 82

40 Spring 2022 GatorTRAX Event 2 - Learning about Volume, Density, and Buoyancy 83

41 Spring General Body Meeting 2 85

42 Scribbl.io Social 86

43 Street Clean-up 2 87

44 Pi Day Field Day 89

45 Spring Candidate Elections 92

46 Electee-Only Social 93

47 Game Night 96

48 Volleyball Social 97

49 Spring General Body Meeting 3 98

50 Code Words Game Night 99

51 Spring 2022 GatorTRAX Event 3 - Physical VS Chemical Change 100

52 Street Clean-up 3 103

53 Bent Polishing Social 105

54 Scribbl.io Social 2 107

55 Spring Banquet & Awards Ceremony 108

56 Spring Initiation Ceremony 110

57 April 12 GatorTRAX STEAM Night Event 112

58 April 18 Cub Scouts GatorTRAX 115

59 Spring Officer Elections 117

1 Advisory Board Meeting

Florida Alpha

1. Project Information

- i. Date(s): 08/26/21
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Meetings
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	7
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.5	1.0

2. Project Evaluation

- i. **General Description**

This was the meeting at the beginning of each semester with the advisory board to discuss plans for the semester.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This was important for transitioning new officers and making sure everyone knew the goals for the chapter this semester.
- iii. **Organization and Administration**

This was organized by Julia Withrow. The budget proposal at this meeting was organized by Colton Gonsisko.
- iv. **Total Cost**

\$0.0
- v. **Cost Breakdown**

N/A
- vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

This was a great meeting! We discussed bringing back physical letter mailing to eligible members after the COVID year, as well as plans for service events for the semester, and ideas for collaboration with other groups at the college on the clock tower we would like to redecorate.

2 SWE eSwamp Tabling

Florida Alpha

1. Project Information

- i. Date(s): 08/28/21
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	2
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.5	0.8

2. Project Evaluation

- i. **General Description**

The chapter tabled at the Society of Women Engineers' (SWE) event eSwamp, that many organizations come to in order to talk to members of SWE.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This was a tabling event to introduce other engineering students to TBP.
- iii. **Organization and Administration**

This was attended by Julia Withrow and Parker Kotlarz. Promotional material was organized for the event, including flyers to hand out to students.
- iv. **In Conjunction With**

Society of Women Engineers (SWE)
- v. **Total Cost**

\$0.0
- vi. **Cost Breakdown**

N/A
- vii. **Special Problems Encountered**

None

viii. **Overall Evaluation**

This was a great event! Tabling can be trickier when students need to wait for an eligibility letter, but I think it helps so that students recognize the organization at other service events and other on-campus events regardless. We talked to 15-20 students.

3 Officer Meeting #1

Florida Alpha

1. Project Information

- i. Date(s): 08/31/21
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Meetings
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	9
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.5	0.8

2. Project Evaluation

- i. **General Description**

This was the officer meeting to start off the semester and make sure all the new officers knew how to operate in their roles.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This was to ensure operation of the chapter with the new officer team.
- iii. **Organization and Administration**

This was organized by Julia Withrow.
- iv. **Total Cost**

\$0.0
- v. **Cost Breakdown**

N/A
- vi. **Special Problems Encountered**

None
- vii. **Overall Evaluation**

This was a successful meeting! Officers learned about the project reporting system, the budget, and asked any questions they had about their positions.

4 Fall Member Meeting

Florida Alpha

1. Project Information

- i. Date(s): 09/09/21
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Meetings
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	24
Electees	1

- v. Average number of hours per person spent:

Participating	Organizing
0.5	0.5

2. Project Evaluation

- i. **General Description**

This was the member meeting of the semester, discussing upcoming plans.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This is to get together with all current members and convey information prior to the beginning of electee attended meetings and events.
- iii. **Organization and Administration**

Slides were put together by officers and this meeting took place virtually over Zoom.
- iv. **Total Cost**

\$0.0
- v. **Cost Breakdown**

N/A
- vi. **Special Problems Encountered**

One electee attended the meeting in error. This was discussed later and the electee was initiated this semester.
- vii. **Overall Evaluation**

This was a great meeting to kick off the semester for existing members!

5 Street Clean-Up #1

Florida Alpha

1. Project Information

- i. Date(s): 09/12/21
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	4
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
1.0	3.0

2. Project Evaluation

i. General Description

Our chapter has adopted a street and is committed to its cleaning maintenance at least six times throughout the year. Adopting a street is a great way to help beautify our community and show our civic pride. Also, seeing volunteers at work is a visible reminder to others that littering is not okay. Participants meet at our two-mile section of road and collect litter for three hours or until the road is completely clean.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

As engineers, we strive to make the world a better place through skills and also through service. Through service projects, like the street clean-up, our members have the opportunity to give back to and get involved with the Gainesville community outside of the University of Florida.

iii. Organization and Administration

This project was led by our chapter's service coordinators through the Gainesville Adopt-A-Street program. Coordinators were responsible for maintaining contact with the Gainesville Adopt-A-Street chair, picking up the clean-up kit the week previous to the event, coordinating the transport of participating members, leading the clean-up, and returning the clean-up kit after the event.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

No funds were needed. The 'soft' four participant minimum for these projects was met.

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

This event was very early in the semester but necessary to fulfill the number of clean-ups required before the end of 2021. Although we had a low participant count, we look forward to a higher turn-out as prospective electees begin being active.

3. **Additional Attachments**

Figure 1: Our participants with our Adopt-A-Street sign



Figure 2: Posing proudly with our 15 bags of litter and completed cleaned up street



6 FLEG Corporate Formal Tabling

Florida Alpha

1. Project Information

- i. Date(s): 09/20/21
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	1
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.5	2.0

2. Project Evaluation

i. General Description

TBP FL-A attended the Freshman Leadership Engineering Group's (FLEG) Corporate Formal. This was like a tabling event, that involved talking with first year engineering students at the university who were interested in getting more involved with various engineering organizations. They also were looking for advice from engineers who were closer to graduating.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

This was an important mentorship event for younger engineering students, educating them about TBP and the opportunities within the organization that they may be presented with if they continue to work hard and show good character in their disciplines.

iii. Organization and Administration

This was attended by Julia Withrow.

iv. In Conjunction With

Freshman Leadership Engineering Group (FLEG)

v. Total Cost

\$0.0

vi. **Cost Breakdown**

N/A

vii. **Special Problems Encountered**

None

viii. **Overall Evaluation**

This was a successful event! Many younger engineers were curious about TBP and excited to work hard in their studies and in the community to hopefully become eligible in the future. It was also a great opportunity to provide general engineering advice on research involvement, internships, etc. for younger engineers.

7 Fall General Body Meeting #1

Florida Alpha

1. Project Information

- i. Date(s): 09/21/21
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Meetings
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	23
Electees	79

- v. Average number of hours per person spent:

Participating	Organizing
0.5	0.5

2. Project Evaluation

- i. **General Description**

This was the first general body meeting of the chapter of the Fall 2021 semester.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This meeting was used to discuss opportunities for service and socials within the organization as well as how electees can join.
- iii. **Organization and Administration**

Many of the officers worked on the presentation in the days before the meeting. This meeting was held virtually.
- iv. **Total Cost**

\$0.0
- v. **Cost Breakdown**

N/A
- vi. **Special Problems Encountered**

None
- vii. **Overall Evaluation**

This was a great meeting. It had a much larger turnout than expected, and we were very excited about engagement of electees!

8 Billiards Social

Florida Alpha

1. Project Information

- i. Date(s): 09/22/21
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	4
Electees	16

- v. Average number of hours per person spent:

Participating	Organizing
0.5	1.5

2. Project Evaluation

- i. **General Description**

This was our first social of the semester! It was at a local billiards place in Gainesville, and 20 people came.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

The purpose of this event was as a social, to begin to meet the new candidates.
- iii. **Organization and Administration**

It was organized by the president and vice president of the chapter, as we currently do not have social chairs. Many of the officers plan to put on a social or two throughout the semester. This event did not involve much planning at all as it was at another venue, and therefore already set up.
- iv. **Total Cost**

\$0.0
- v. **Cost Breakdown**

This social was free.
- vi. **Special Problems Encountered**

None.

vii. **Overall Evaluation**

This was a very successful social! We were very happy with the turn out given it was our first in-person event with new candidates. We plan to have a mix of virtual and in-person events to make sure everyone feels comfortable and included. We got to meet many of the candidates during this social, so it was a great event!

3. **Additional Attachments**

Figure 3:



9 GatorTRAX Event 1 - Rheology & Event Preparation

Florida Alpha

1. Project Information

- i. Date(s): 09/29/21 - 10/02/21
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	8
Electees	23

- v. Average number of hours per person spent:

Participating	Organizing
8.0	2.0

2. Project Evaluation

i. General Description

GatorTRAX is a DIY STEM activity event with K-12 kids in Gainesville. This event was held over Zoom due to the COVID-19 pandemic. The FL-A TBP VPs of Education Outreach planned the activity. We had five different experiments planned for the kids all teaching them about rheology topics. TBP volunteers (2 members, 7 electees) assembled kits for the parents to pick up the Wednesday before the Saturday event. The DIY kids had instructions on how to do the events, all the supplies needed to complete the experiments, and the Zoom link for the event. Then on Thursday (4 electees) and Friday (1 member, 2 electees), we had TBP volunteers pass the kits out to the parents. We had a specific spot on campus for the parents to pick up the kits and then volunteers held up GatorTRAX signs so they knew they were in the right place. Finally, at the Saturday event (5 members, 10 electees), we had 2 TBP volunteers per breakout room helping the kids through the activity. The kids learned about flow by playing with spaghetti, made gel beads to learn about crosslinking using calcium chloride and sodium alginate solutions, learned about the Deborah number using silly putty, learned about viscosity by studying different fluids, and looked at super absorbent polymers.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The purpose of this event was to educate students (K-12) about STEM topics. We discussed topics related to rheology with the kids.

iii. **Organization and Administration**

The event was organized and planned by the TBP VPs of Education Outreach. We sent emails to parents about how to sign up for GatorTRAX events, reminders to pick up the kits, and a reminder of the event with the zoom link.

iv. **Total Cost**

\$200.0

v. **Cost Breakdown**

Supplies for the experiments were bought from stores around Gainesville. TBP volunteers helped run all of the events necessary to make the Saturday GatorTRAX event successful.

vi. **Special Problems Encountered**

There were not any problems. Some parents had trouble finding the parking lot to pick up the kits but they had my phone number and I was able to provide them directions.

vii. **Overall Evaluation**

Overall, the event was successful. 73 students were signed up for the event and 63 students had their kits picked up by their parents. We had around 50 kids join the Saturday zoom which was more than last semester's events. Additionally, one child was not able to join the zoom, but one of the VPs of Education Outreach was able to go through the experiment with the child and his parents over zoom after the main event.

3. **Additional Attachments**

Figure 4:



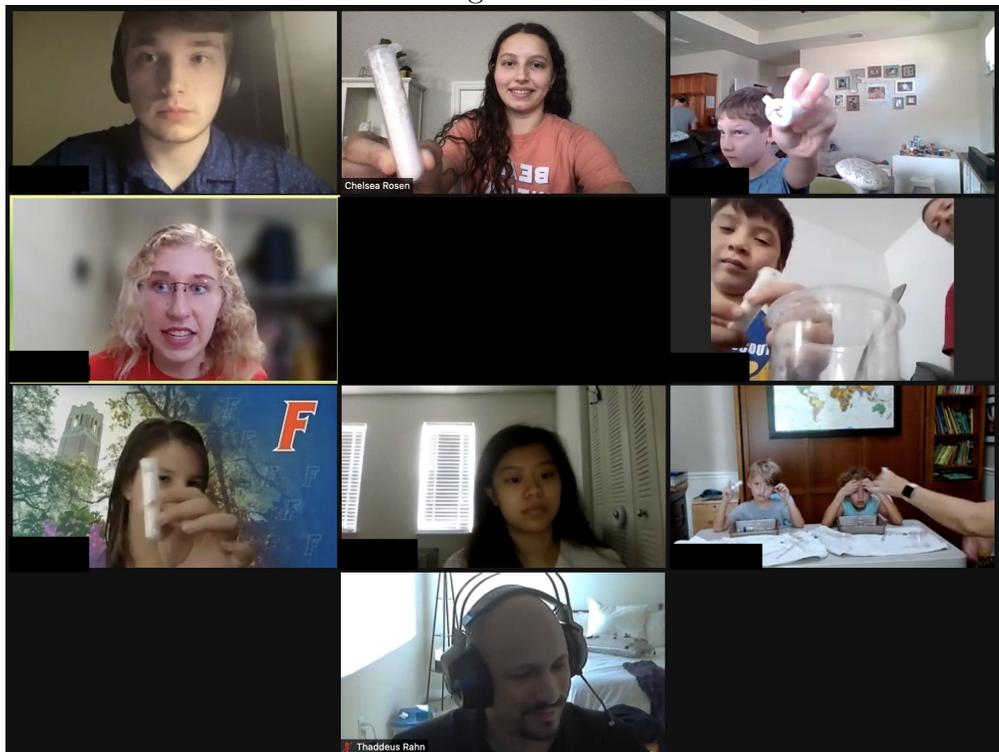
Figure 5:



Figure 6:



Figure 7:



10 Virtual Game Night Social

Florida Alpha

1. Project Information

- i. Date(s): 10/01/21
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	2
Electees	12

- v. Average number of hours per person spent:

Participating	Organizing
0.5	1.0

2. Project Evaluation

- i. **General Description**

This was a virtual game night social for members and electees to get to know one another. We played an online game similar to pictionary.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This was a social for the members and electees to get to know one another.
- iii. **Organization and Administration**

This was organized by myself. It took place for about an hour over zoom, as one of our virtual options for students that are still remote.
- iv. **Total Cost**

\$0.0
- v. **Cost Breakdown**

N/A
- vi. **Special Problems Encountered**

None
- vii. **Overall Evaluation**

This was a great social! There was high attendance and it was a lot of fun for everyone who attended. I think some of the electees and members made some friends as well.

11 D5: GA Gamma Welcome

Florida Alpha

1. Project Information

- i. Date(s): 10/04/21
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	1
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.25	0.25

2. Project Evaluation

- i. **General Description**

A slide was created for a D5 slide deck to welcome GA Gamma as a new chapter. All of the D5 chapters introduced themselves via this slideshow.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This was to network with and meet GA Gamma, as well as introduce FL Alpha.
- iii. **Organization and Administration**

This involved the creation of a slide representing FL A.
- iv. **Total Cost**

\$0.0
- v. **Cost Breakdown**

N/A
- vi. **Special Problems Encountered**

None
- vii. **Overall Evaluation**

This was a success! The slides were presented by D5 directors to GA Gamma and they were able to hear about all the chapters in D5.

Figure 8:



3. Additional Attachments

12 Virtual Baking Social

Florida Alpha

1. Project Information

- i. Date(s): 10/08/21
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	1
Electees	2

- v. Average number of hours per person spent:

Participating	Organizing
1.0	0.5

2. Project Evaluation

- i. **General Description**

This was a social for new electees and members. This was a virtual social which was Florida gators themed due to it being on homecoming. It was a baking tutorial for how to make chocolate covered pretzel rods, decorated to be full of school spirit!
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This was a social for electees and members to get to know one another.
- iii. **Organization and Administration**

This was organized by myself. It took about an hour of preparation for the cooking and recipe ingredients, and the event itself was a bit shorter, only about a half hour in duration.
- iv. **Total Cost**

\$0.0
- v. **Cost Breakdown**

N/A
- vi. **Special Problems Encountered**

None
- vii. **Overall Evaluation**

This was a very low attendance social. Since it was on a UF holiday, this is likely why. This will be noted and factored into planning more in the future.

13 Fall General Body Meeting #2

Florida Alpha

1. Project Information

- i. Date(s): 10/12/21
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Meetings
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	17
Electees	57

- v. Average number of hours per person spent:

Participating	Organizing
0.5	0.5

2. Project Evaluation

- i. **General Description**

This was the second general body meeting of the Fall 2021 semester.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This was to convey opportunities within TBP to members and electees and how to join for electees.
- iii. **Organization and Administration**

The slides were put together by the officers. This meeting was hybrid, with both a virtual Zoom option and an in person option.
- iv. **Total Cost**

\$51.27
- v. **Cost Breakdown**

This was for the cost of food for in person attendees. This was paid for using the chapter's debit card.
- vi. **Special Problems Encountered**

None
- vii. **Overall Evaluation**

This was another successful meeting. Most attendance was still virtual, but we got about 10 in person attendees.

14 GatorTRAX Event 2 - Catapults & Event Preparation

Florida Alpha

1. Project Information

- i. Date(s): 10/13/21 - 10/16/21
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	6
Electees	55

- v. Average number of hours per person spent:

Participating	Organizing
8.0	2.0

2. Project Evaluation

i. General Description

GatorTRAX is a DIY STEM activity event with K-12 kids in Gainesville. This event was held over Zoom due to the COVID-19 pandemic. The FL-A TBP VPs of Education Outreach planned the activity. We built wooden catapults with the kids. TBP volunteers (3 members, 26 electees) assembled kits for the parents to pick up the Wednesday before the Saturday event. The DIY kids had instructions on how to do the events, all the supplies needed to complete the experiments, and the Zoom link for the event. Then on Thursday (3 electees) and Friday (3 electees), we had TBP volunteers pass the kits out to the parents. We had a specific spot on campus for the parents to pick up the kits and then volunteers held up GatorTRAX signs so they knew they were in the right place. Finally, at the Saturday event (3 members, 22 electees), we had 3 TBP volunteers per breakout room helping the kids through the activity. The kids built wooden catapults and had 3 different objects (mini eraser, marshmallow, and mini pumpkin) to test how they differed when launched on the catapult.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The purpose of this event was to educate students (K-12) about STEM topics. We discussed Newton's laws of motion, the history of catapults, and kinetic and potential energy.

iii. **Organization and Administration**

The event was organized and planned by the TBP VPs of Education Outreach. We sent emails to parents about how to sign up for GatorTRAX events, reminders to pick up the kits, and a reminder of the event with the zoom link.

iv. **Total Cost**

\$47.03

v. **Cost Breakdown**

We were able to use some supplies we already had in storage for this event. Additional supplies needed for the experiments were bought from stores around Gainesville. TBP volunteers helped run all of the events necessary to make the Saturday GatorTRAX event successful.

vi. **Special Problems Encountered**

There were not any problems. Some parents had trouble finding the parking lot to pick up the kits but they had my phone number and I was able to provide them directions.

vii. **Overall Evaluation**

Overall, the event was successful. 78 students were signed up for the event and 60 students had their kits picked up by their parents. We had around 40 kids join the Saturday zoom. Some children began to make their own changes to the catapults or test out launching other objects, which was exciting to see them making their own experiments.

3. **Additional Attachments**

Figure 9:

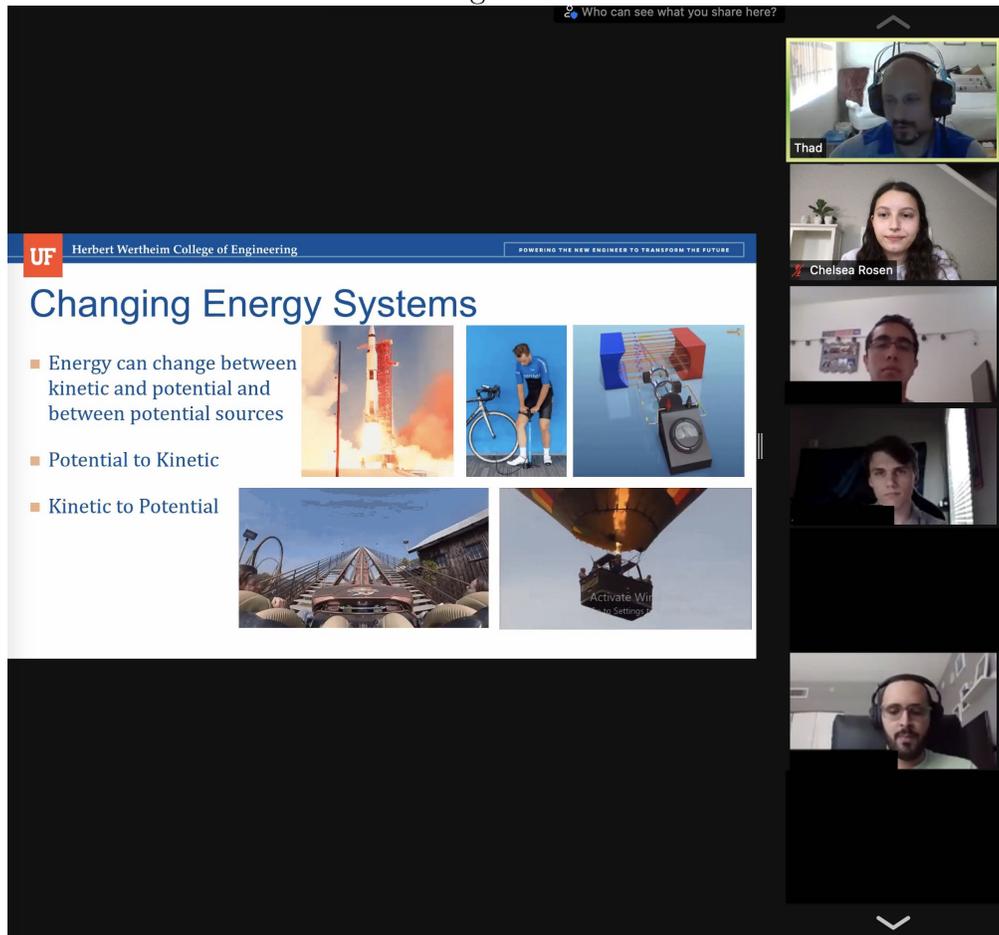


Figure 10:

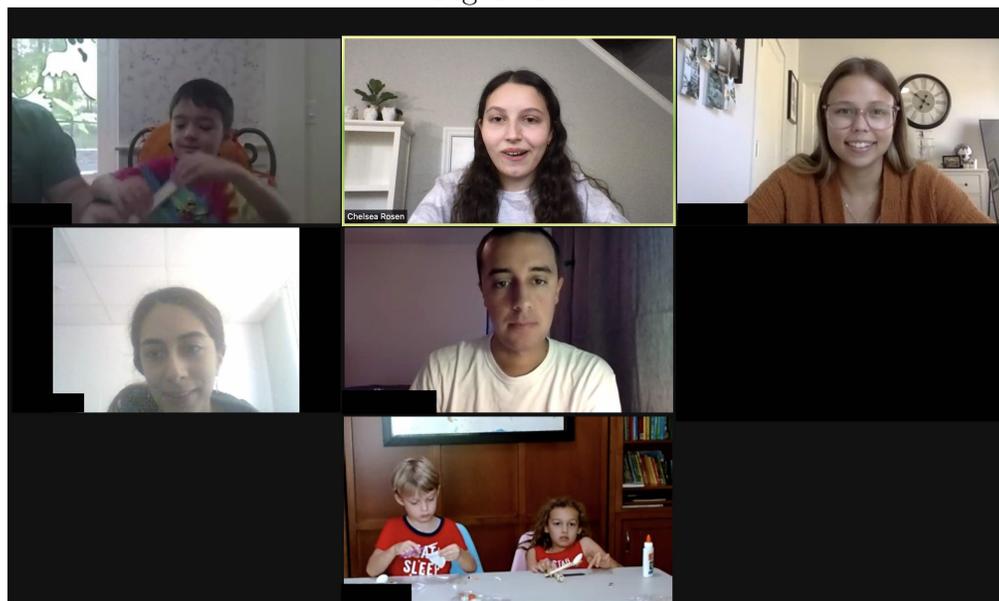
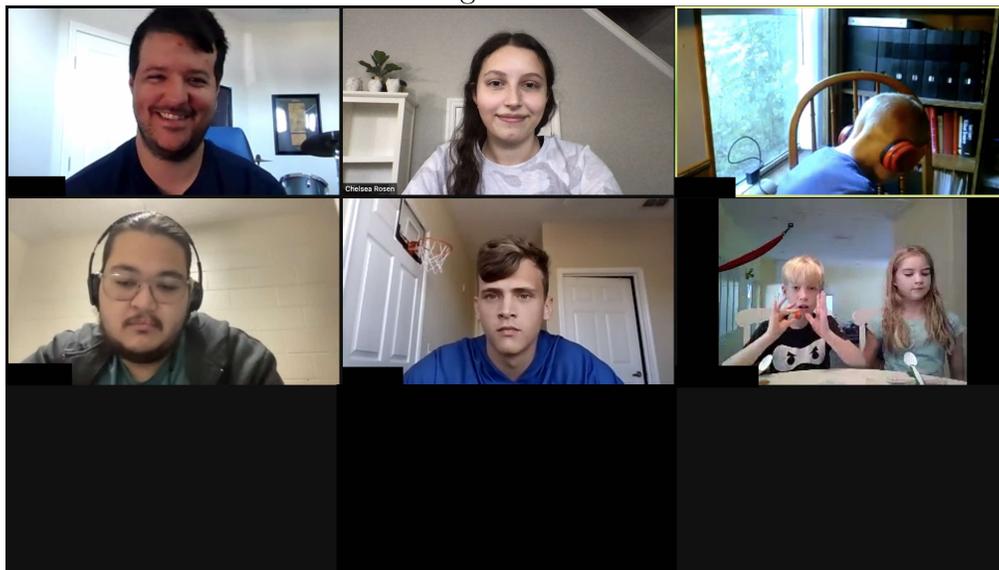


Figure 11:



15 Street Clean-Up #2

Florida Alpha

1. Project Information

- i. Date(s): 10/17/21
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	2
Electees	9

- v. Average number of hours per person spent:

Participating	Organizing
0.5	3.0

2. Project Evaluation

i. General Description

Our chapter has adopted a street and is committed to its cleaning maintenance at least six times throughout the year. Adopting a street is a great way to help beautify our community and show our civic pride. Also, seeing volunteers at work is a visible reminder to others that littering is not okay. Participants meet at our two-mile section of road and collect litter for three hours or until the road is completely clean.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

As engineers, we strive to make the world a better place through skills and also through service. Through service projects, like the street clean-up, our members have the opportunity to give back to and get involved with the Gainesville community outside of the University of Florida.

iii. Organization and Administration

This project was led by our chapter's service coordinators through the Gainesville Adopt-A-Street program. Coordinators were responsible for maintaining contact with the Gainesville Adopt-A-Street chair, picking up the clean-up kit the week previous to the event, coordinating the transport of participating members, leading the clean-up, and returning the clean-up kit after the event.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

No funds were needed. The 'soft' four participant minimum for these projects was met.

vi. **Special Problems Encountered**

We unexpectedly discovered a tombstone of a US veteran from Kentucky. We called a historical objects preserve to handle it. It is unlikely that another chapter will encounter a similar scenario, but there will likely be organizations that can help for similar unusual objects.

vii. **Overall Evaluation**

This event was the first event that had many candidates present (to meet their requirements). It was thus a good opportunity for them to meet each other and some officers and learn how service events are conducted. Two officers were present who were able to lead smaller groups of candidates and practice leadership. We had a bit of fun and finished on-time, collecting a lot of trash and beautifying the community.

3. **Additional Attachments**

Figure 12: Participants standing next to the trash



16 Volleyball Social

Florida Alpha

1. Project Information

- i. Date(s): 10/20/21
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	2
Electees	21

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.5

2. Project Evaluation

- i. **General Description**

This event was a volleyball social located at the University of Florida volleyball courts. Teams of 5-6 players played beach volleyball against each other. The winner of the game stayed on the court while the loser of the game switch with another team.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

The purpose of this event was to help FL-Alpha members become more acquainted with each other. Additionally, an active social allows members/electees to destress, especially during a busy midterm season.
- iii. **Organization and Administration**

Parker K. organized the project (choosing date, location, sport) and Calvin F. sent out the reminder email of the event.
- iv. **Total Cost**

\$0.0
- v. **Cost Breakdown**

This event had no cost.
- vi. **Special Problems Encountered**

There were no special problems during this event.

vii. **Overall Evaluation**

The volleyball social was a great success. The turnout at the event allowed for a fun rotation of 4 teams. Additionally, even while teams were not playing, members/electees were socializing on the sidelines and rooting for their friends.

17 Fall Candidate Elections

Florida Alpha

1. Project Information

- i. Date(s): 10/26/21
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Elections
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	21
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.5	1.0

2. Project Evaluation

- i. **General Description**
This was our election of candidates to be initiated.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**
This was in order to determine who had completed their requirements and interviewed and elect candidates for initiation.
- iii. **Organization and Administration**
This meeting was attended by members only. It was done virtually over zoom.
- iv. **Total Cost**
\$0.0
- v. **Cost Breakdown**
None
- vi. **Special Problems Encountered**
None
- vii. **Overall Evaluation**
This was a productive meeting. We discussed electees thoroughly to determine who had made sufficient progress towards completing their requirements.

18 Virtual Baking Social #2

Florida Alpha

1. Project Information

- i. Date(s): 10/27/21
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	3
Electees	18

- v. Average number of hours per person spent:

Participating	Organizing
0.5	1.0

2. Project Evaluation

- i. **General Description**

This was a virtual baking social for the electees and members to get to know one another. This time we all followed a recipe together to make mini pumpkin-shaped pumpkin pies to get in the halloween spirit!
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This was a social intended for members and electees to spend some time together!
- iii. **Organization and Administration**

This was organized by Julia Withrow. Each attendee had to organize and get necessary ingredients.
- iv. **Total Cost**

\$0.0
- v. **Cost Breakdown**

N/A
- vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

This was a success! We all got to share stories of favorite halloween movies, costumes, and other fun conversation points while baking together.

3. **Additional Attachments**

Figure 13: One of the attendee's pumpkin pies!



19 Electee-Only Social

Florida Alpha

1. Project Information

- i. Date(s): 10/28/21
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	2
Electees	40

- v. Average number of hours per person spent:

Participating	Organizing
4.0	1.8

2. Project Evaluation

i. General Description

This Electee-Only Social was conducted over virtual environment on Zoom to be most accommodating for all electees this semester. The Vice President of Electees, myself and Mathew Spiteri, brainstormed ways to create an engaging social. After sorting through ideas, we decided on three activities. The first was an icebreaker through Mentimeter, a program that allowed us to take poll responses from all the electees. The second activity was our version of human bingo. Like a scavenger hunt, we had a list of characteristics of fun facts we wanted people to ask each other. We had people gather in breakout rooms and move around freely, to simulate in person socializing, and find things other people could check off of their list. In the end, the winner had 20/35 items completed! Lastly, everyone participated in an online, Halloween-themed trivia game formatted in Jeopardy style. The electees were separated into 8 groups and had to work together to buzz in their answers, come up with an answer, and choose different categories. This social went well considering the virtual format, and I have heard positive feedback from electees that they enjoyed how social and interactive the whole night was.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

This project ties into the Objectives of Tau Beta Pi to unite engineering students together and create social networking bonds within the chapters. This social also focused on collaboration between electees (trivia teams) and helped individuals interact on a more personal level (bingo).

iii. **Organization and Administration**

The actual event went according to plan with very few adjustments made on the spot. A few of the trivia rules had to be determined on the spot since there was a buzzer that people could hit early before the question was finished being read. The organization and planning for the event was done in about 3 planning meetings and then some individual work by each person on their own.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

No cost, but this did not limit the plan for the social. The planning committee for this project was only the two Vice Presidents of Electees which was sufficient for the work load.

vi. **Special Problems Encountered**

There were no special problems.

vii. **Overall Evaluation**

This project ended successfully with an Electee-only social that really allowed the electees to participate in some friendly competition, better get to know another, and work in teams as friends and companions. The ideas used for this social can be transferred to in-person environment when necessary, but can also be implemented as a virtual social again, should the chapter require it to be one. One thing to achieve better results in the future could be to have multiple trivia games (2 with 20 people, instead of 1 with 40 people) to help everyone feel more actively involved in such a fast moving game.

20 GatorTRAX Event 3 - American Nuclear Society & Event Preparation

Florida Alpha

1. Project Information

- i. Date(s): 11/01/21 - 11/06/21
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
ANS Volunteers	6
Members	7
Electees	53

- v. Average number of hours per person spent:

Participating	Organizing
8.0	2.0

2. Project Evaluation

i. General Description

GatorTRAX is a DIY STEM activity event with K-12 kids in Gainesville. This event was held over Zoom due to the COVID-19 pandemic. The FL-A TBP VPs of Education Outreach planned the logistics and the UF American Nuclear Society (ANS) planned the activity and got the supplies for the activity. We taught the students about nuclear energy and they built nuclear reactors out of gummy bears and straws and they learned about half-lives using Twizzlers.

TBP volunteers (3 members, 17 electees, 3 ANS) assembled kits for the parents to pick up the Wednesday before the Saturday event. The DIY kids had instructions on how to do the events, all the supplies needed to complete the experiments, and the Zoom link for the event. Then on Thursday (5 electees) and Friday (4 electees), we had TBP volunteers pass the kits out to the parents. We had a specific spot on campus for the parents to pick up the kits and then volunteers held up GatorTRAX signs so they knew they were in the right place. Finally, at the Saturday event (4 members, 25 electees, 3 ANS), we had 3-4 TBP volunteers per breakout room helping the kids through the activity.

ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

The purpose of this event was to educate students (K-12) about STEM topics. We discussed nuclear energy, ways to use nuclear energy, the safety of nuclear energy, radioactivity, nuclear reactors, and half-lives.

iii. **Organization and Administration**

The event was organized by the TBP VPs of Education Outreach and the UF American Nuclear Society came up with the activity, presentation, and brought the supplies for the activities. We sent emails to parents about how to sign up for GatorTRAX events, reminders to pick up the kits, and a reminder of the event with the zoom link.

iv. **In Conjunction With**

UF American Nuclear Society (ANS)

v. **Total Cost**

\$0.0

vi. **Cost Breakdown**

The UF ANS provided the supplies for this event. TBP and ANS volunteers helped run all of the events necessary to make the Saturday GatorTRAX event successful.

vii. **Special Problems Encountered**

There were not any problems. Some parents had trouble finding the parking lot to pick up the kits but they had my phone number and I was able to provide them directions.

viii. **Overall Evaluation**

Overall, the event was successful. 40 students had their kits picked up by their parents. We had around 40 kids join the Saturday zoom. The children had fun answering questions about the presentation and building their nuclear reactors and half-life curves.

3. **Additional Attachments**

Figure 14:

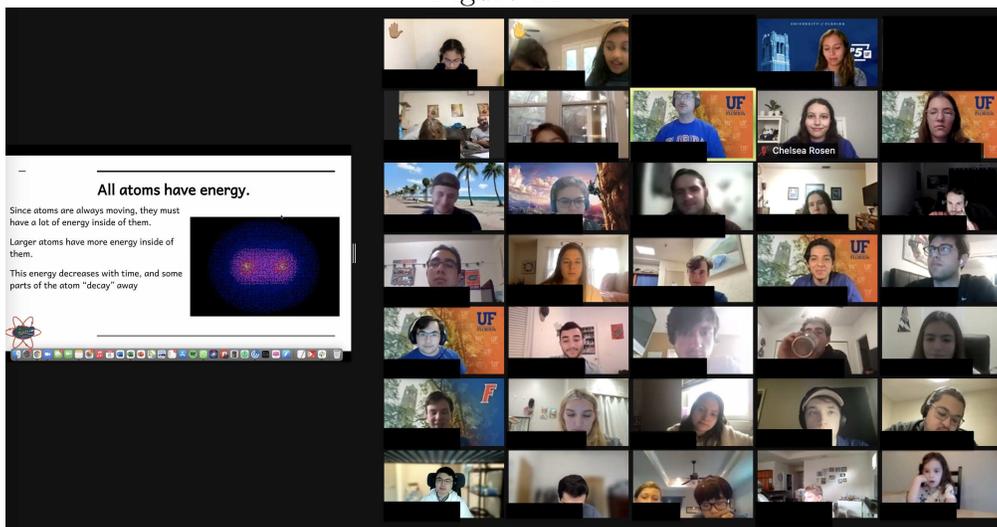
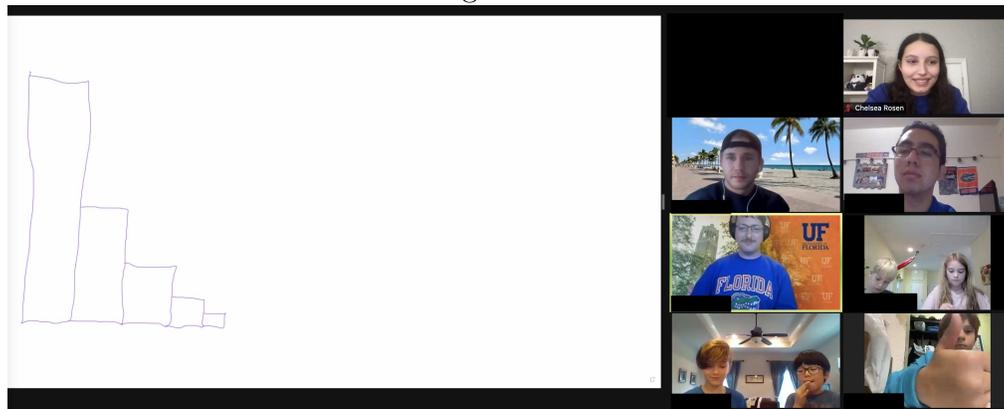


Figure 15:



Figure 16:



21 Fall General Body Meeting #3

Florida Alpha

1. Project Information

- i. Date(s): 11/02/21
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Meetings
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	11
Electees	31

- v. Average number of hours per person spent:

Participating	Organizing
0.5	0.5

2. Project Evaluation

- i. **General Description**

This was the third general body meeting of the Fall 2021 semester.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This was to convey more opportunities for the final socials and service events of the semester as well as information about initiation attendance and banquet.
- iii. **Organization and Administration**

The slides were put together by the officer team prior to the meeting. This was a hybrid meeting, similar to general body meeting #2.
- iv. **Total Cost**

\$51.27
- v. **Cost Breakdown**

The cost was for food for the in person attendees. This was handled by the treasurer who used our chapter's debit card for the charge.
- vi. **Special Problems Encountered**

None
- vii. **Overall Evaluation**

This was another great meeting. It was most important to convey information about the upcoming initiation and banquet attendance, and this seemed to be successful.

22 Virtual Game Night Social #2

Florida Alpha

1. Project Information

- i. Date(s): 11/03/21
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	4
Electees	20

- v. Average number of hours per person spent:

Participating	Organizing
0.5	1.5

2. Project Evaluation

- i. **General Description**

This was a virtual game night social for members and electees to get to know one another. We played an online game similar to pictionary, called skribbl.io
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This was a social for the members and electees to get to know one another.
- iii. **Organization and Administration**

This was organized by Maddy Fuchs. It took place for a little over an hour over zoom, as one of our virtual options for students that are still remote.
- iv. **Total Cost**

\$0.0
- v. **Cost Breakdown**

N/A
- vi. **Special Problems Encountered**

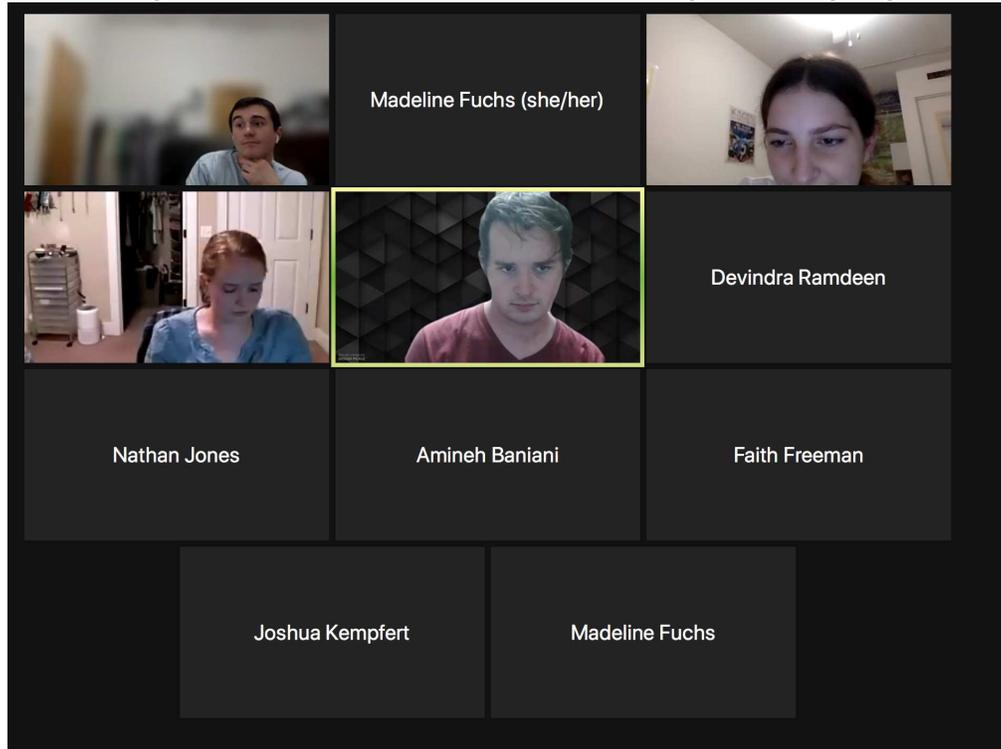
None in particular, but we had high attendance and only 12 people can play the game at a time so we had to make two breakout rooms to divide everyone up to play. If we had more electees there it might've been difficult to open a third breakout room for them because it would probably require another member or officer to run the breakout room. This wasn't a problem this time, but maybe something to consider in the future!

vii. **Overall Evaluation**

We hosted a similar social earlier in the semester and got great feedback so we offered another one. Again, it was great! We had great attendance and I think everyone had fun.

3. **Additional Attachments**

Figure 17: Screenshot of Zoom while the game was going



23 Street Clean-Up #3

Florida Alpha

1. Project Information

- i. Date(s): 11/07/21
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	3
Electees	10

- v. Average number of hours per person spent:

Participating	Organizing
0.5	3.0

2. Project Evaluation

i. General Description

Our chapter has adopted a street and is committed to its cleaning maintenance at least six times throughout the year. Adopting a street is a great way to help beautify our community and show our civic pride. Also, seeing volunteers at work is a visible reminder to others that littering is not okay. Participants meet at our two-mile section of road and collect litter for three hours or until the road is completely clean.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

As engineers, we strive to make the world a better place through skills and also through service. Through service projects, like the street clean-up, our members have the opportunity to give back to and get involved with the Gainesville community outside of the University of Florida.

iii. Organization and Administration

This project was led by our chapter's service coordinators through the Gainesville Adopt-A-Street program. Coordinators were responsible for maintaining contact with the Gainesville Adopt-A-Street chair, picking up the clean-up kit the week previous to the event, coordinating the transport of participating members, leading the clean-up, and returning the clean-up kit after the event.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

No funds were needed. The 'soft' four participant minimum for these projects was met.

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

This event was the most heavily attended service project of the semester. It was essential for many electees' completion of their service requirement before initiation.

3. **Additional Attachments**

Figure 18: Participants with our Adopt-A-Street Sign



24 Fall Initiation Ceremony

Florida Alpha

1. Project Information

- i. Date(s): 11/12/21
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Initiation Related Events
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Advisor	3
Initiates (New Members)	47
Members	7
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

- i. **General Description**
This was our fall initiation ceremony.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**
This was the ceremony to initiate the new members for the semester.
- iii. **Organization and Administration**
This was organized by 7 of the officers and 3 advisors and took place virtually and in person, with a few members initiated in person at the UCF chapter (total initiates 47, includes virtual, in person UF, and UCF attendees initiated into FL-A).
- iv. **Total Cost**
\$0.0
- v. **Cost Breakdown**
None
- vi. **Special Problems Encountered**
None

vii. **Overall Evaluation**

This was great! It was our first in person initiation since before the pandemic, so it took a lot of preparation with many officers unfamiliar with the in person ceremony. It went smoothly with the abundance of help we had from the officer team.

3. **Additional Attachments**

Figure 19:



25 Fall Banquet & Awards Ceremony

Florida Alpha

1. Project Information

- i. Date(s): 11/12/21
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Initiation Related Events
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Advisor	3
Members	48
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.5	2.0

2. Project Evaluation

- i. **General Description**

This was the banquet following initiation ceremony.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This was to celebrate the new members! Their families and friends could attend as well. Since attendance was not formally taken at the event, this total count of 48 members includes members and their guests.
- iii. **Organization and Administration**

This was organized by Julia Withrow and Chelsea Rosen. It took place at a restaurant in town.
- iv. **Total Cost**

\$1774.8
- v. **Cost Breakdown**

This was the total cost including members and their guests. Members tickets were included in their dues and they paid the chapter for any additional guests. This bill was then paid for by the chapter.
- vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

This was a great banquet! We were able to celebrate the new members and have an awards ceremony to honor the best electee, best officer, member with the best bent, and more.

3. **Additional Attachments**

Figure 20:



Figure 21: The judging of the best bent award by the advisors.



Figure 22: Brain challenge award



Figure 23:



26 Fall Officer Elections

Florida Alpha

1. Project Information

- i. Date(s): 11/16/21
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Elections
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	38
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.5	1.0

2. Project Evaluation

- i. **General Description**

This was the meeting where we elect semester-long positions for officers in the Spring semester.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This is to ensure officer continuity in the organization and delegation of tasks.
- iii. **Organization and Administration**

This was done over zoom virtually and attended by members.
- iv. **Total Cost**

\$0.0
- v. **Cost Breakdown**

None
- vi. **Special Problems Encountered**

None
- vii. **Overall Evaluation**

This was a very successful election! We had a lot of renewed interest in officer positions and filled all roles, as well as one that had not been filled from the previous election cycle.

27 Street Clean-Up #4

Florida Alpha

1. Project Information

- i. Date(s): 12/05/21
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	4
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.5	3.0

2. Project Evaluation

i. General Description

Our chapter has adopted a street and is committed to its cleaning maintenance at least six times throughout the year. Adopting a street is a great way to help beautify our community and show our civic pride. Also, seeing volunteers at work is a visible reminder to others that littering is not okay. Participants meet at our two-mile section of road and collect litter for three hours or until the road is completely clean.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

As engineers, we strive to make the world a better place through skills and also through service. Through service projects, like the street clean-up, our members have the opportunity to give back to and get involved with the Gainesville community outside of the University of Florida.

iii. Organization and Administration

This project was led by our chapter's service coordinators through the Gainesville Adopt-A-Street program. Coordinators were responsible for maintaining contact with the Gainesville Adopt-A-Street chair, picking up the clean-up kit the week previous to the event, coordinating the transport of participating members, leading the clean-up, and returning the clean-up kit after the event.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

No funds were needed. The 'soft' four participant minimum for these projects was met.

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

Although the event was not heavily attended, the final street clean up was essential to meet the City of Gainesville requirement for 6 clean ups per year.

28 Clock Tower Renovation Project

Florida Alpha

1. Project Information

- i. Date(s): 01/05/22 - 04/29/22
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM

- iv. Number of persons who participated:

Category	Count
Members	1
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
10.0	20.0

2. Project Evaluation

i. General Description

This semester the clock tower coordinator, Michael Macri, worked with the design team SDC and school faculty to completely renovate the existing clocks on the clock tower outside of Weil Hall and to design two new clocks to fill the two unoccupied slots on the tower. The renovation consisted of taking down the existing clocks and reverse engineering them to understand how they work since it has been decades since they were put up and the information about them has been lost.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

Fulfill Tau Beta Pi's responsibilities to maintaining the clock tower and develop practical engineering skills in the process.

iii. Organization and Administration

Regularly coordinated meeting with professors, SDC members, and UF alumni who previously worked on the original clocks. Regularly met at the UF solar park for manufacturing.

iv. In Conjunction With

SDC Design Team

v. Total Cost

\$2000.0

vi. **Cost Breakdown**

Funded by the university for renovation supplies such as paint, sanding paper, etc.

vii. **Special Problems Encountered**

Time constraints and budget limitations were the only main constricting factors for this project.

viii. **Overall Evaluation**

After understanding the mechanism of the mechanical wandering dial clock and the electrical binary clock, the clocks were cleaned and sanded down to be repainted. After sanding, the clocks were painted via the use of a paint spray gun and decals were made to restore the numbers and figures on the clocks. The electronics were completely redone for both clocks to allow better controllability and a longer lifespan. Once completed both clocks were returned to their place in the Weil Hall clocktower. Next semester will focus on the manufacturing of the two new clocks (a chomping gator and a racetrack clock) that were designed.

3. **Additional Attachments**

Figure 24:

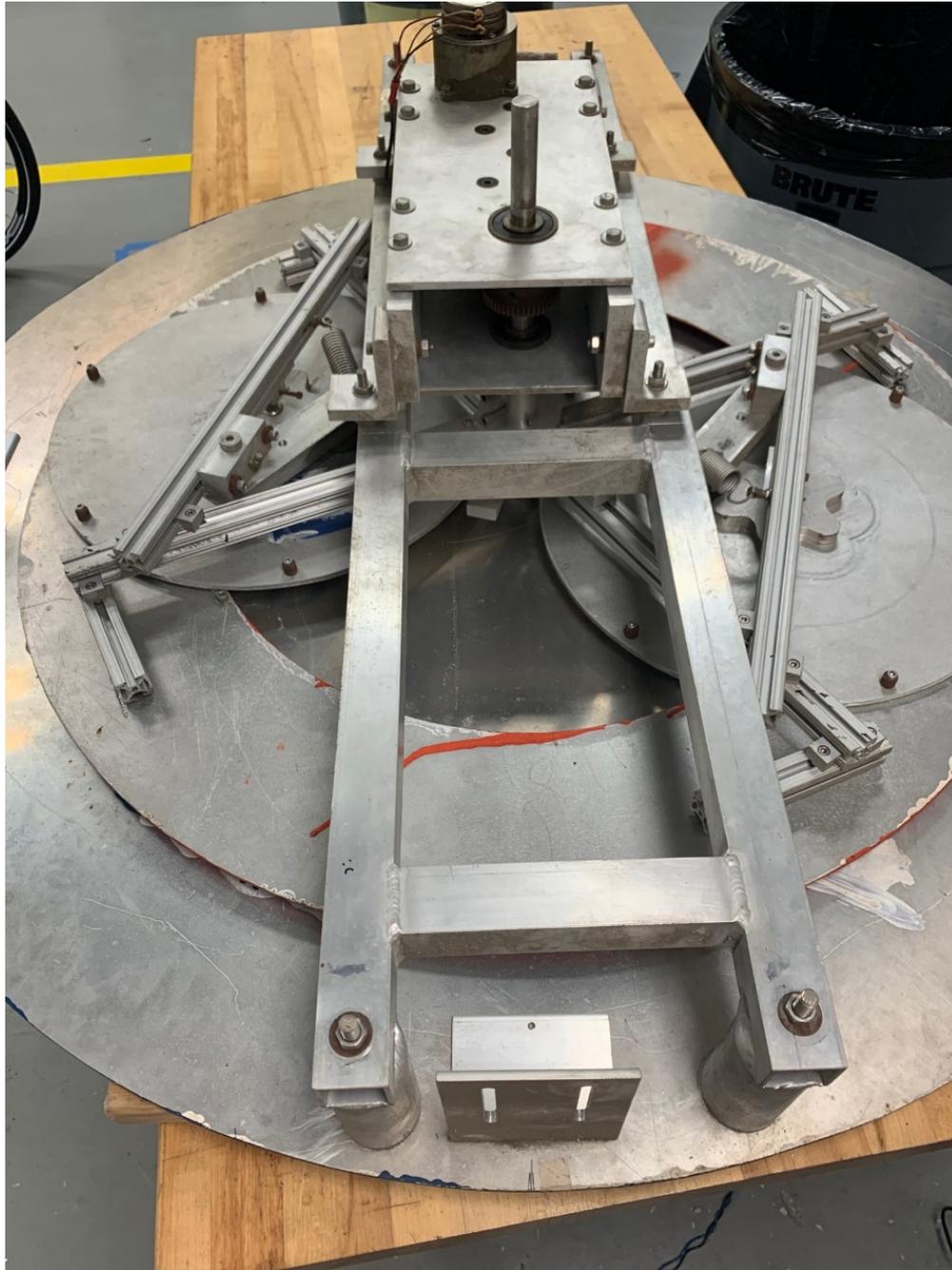


Figure 25:



Figure 26:



Figure 27:



Figure 28:



29 Spring Advisory Board Meeting

Florida Alpha

1. Project Information

- i. Date(s): 01/06/22
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Meetings
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Advisor	2
Members	3
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.5	0.5

2. Project Evaluation

- i. **General Description**

This was the meeting of the advisory board for the Spring semester.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

The purpose of this meeting is to discuss the major big picture objectives of the chapter for the semester as well as all tasks that need to be completed for preparation for electees.
- iii. **Organization and Administration**

The slides were organized by Julia Withrow and Colton Gonsisko. Colton proposed a budget for the semester. This meeting was held virtually over Zoom.
- iv. **Total Cost**

\$0.0
- v. **Cost Breakdown**

None
- vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

This was a great meeting! We discussed plans for a clock tower project, FE review sessions, eligibility letters, and new emails for the chapter. We also discussed new equipment potentially being needed for initiation, which will be looked into by the new initiation coordinator.

30 Spring Officer Meeting

Florida Alpha

1. Project Information

- i. Date(s): 01/13/22
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Meetings
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	18
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.5	0.5

2. Project Evaluation

- i. **General Description**
This was our officer meeting to start off the semester.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**
To ensure all officers understand their duties for the semester as well as preparing eligibility letters to be sent out.
- iii. **Organization and Administration**
This was organized by the president.
- iv. **Total Cost**
\$0.0
- v. **Cost Breakdown**
N/A
- vi. **Special Problems Encountered**
None
- vii. **Overall Evaluation**
This went well! We were able to get the letters of eligibility ready to be sent out with the help of everyone folding and placing letters in envelopes.

31 Spring Member Meeting

Florida Alpha

1. Project Information

- i. Date(s): 01/18/22
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Meetings
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	48
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.5	0.5

2. Project Evaluation

- i. **General Description**

This was our member meeting we do at the beginning of each semester!
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

We used this to approve the budget for the semester as well as approve our constitution to send to Student Activities and Involvement at UF.
- iii. **Organization and Administration**

It was organized by the president and then each officer added slides based on what they needed to share with the members.
- iv. **Total Cost**

\$0.0
- v. **Cost Breakdown**

N/A
- vi. **Special Problems Encountered**

None
- vii. **Overall Evaluation**

This was a successful meeting! We got the two major votes we needed to get done accomplished.

32 Jan. 26 Cub Scouts GatorTRAX

Florida Alpha

1. Project Information

- i. Date(s): 01/20/22 - 01/26/22
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	3
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
4.0	2.0

2. Project Evaluation

i. General Description

We worked with a local Cub Scouts troupe to help them fill one of the engineering requirements. The kids were 4th graders. There were 16 cub scouts in attendance. First, we taught them about different types of engineers. They filled out a worksheet about biomedical, chemical, computer, and electrical engineers. Then, we used MathLink cubes and isometric grid paper to teach them how to draw isometric drawings. We also brought a couple of 3D-printed parts to get them excited about modeling and engineering. Finally, we went over the four forces of flight and made paper airplanes together.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The purpose of this event was to educate students (K-12) about STEM topics. The kids learned about specific types of engineers, isometric drawings, 3D Printing, CAD, blueprints, and the four forces of flight.

iii. Organization and Administration

The event was organized and planned by one of the TBP VPs of Education Outreach, Chelsea Rosen.

iv. Total Cost

\$32.82

v. **Cost Breakdown**

paper for the paper airplanes (\$8.44) and MathLink cubes to practice isometric drawings (\$24.38)

vi. **Special Problems Encountered**

No special problems!

vii. **Overall Evaluation**

This was a great event for the volunteers and the Cub Scouts. The kids had a great time. One of the parents is a VP of a local elementary school and was impressed by the event and wanted to work with us in the future.

3. **Additional Attachments**

Figure 29:

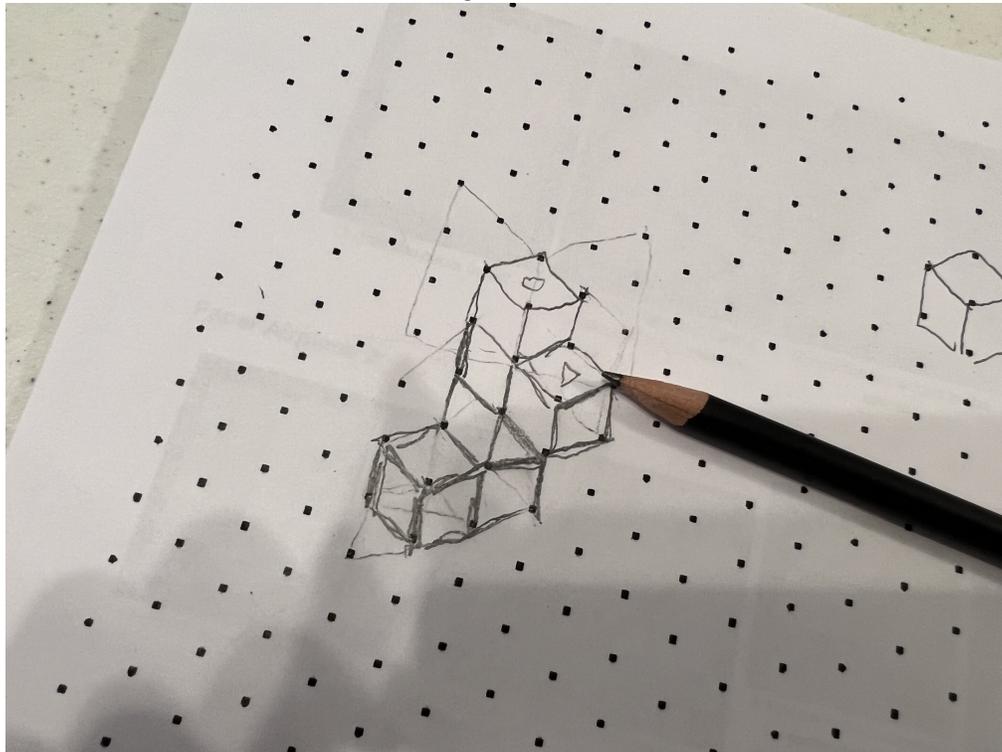


Figure 30:

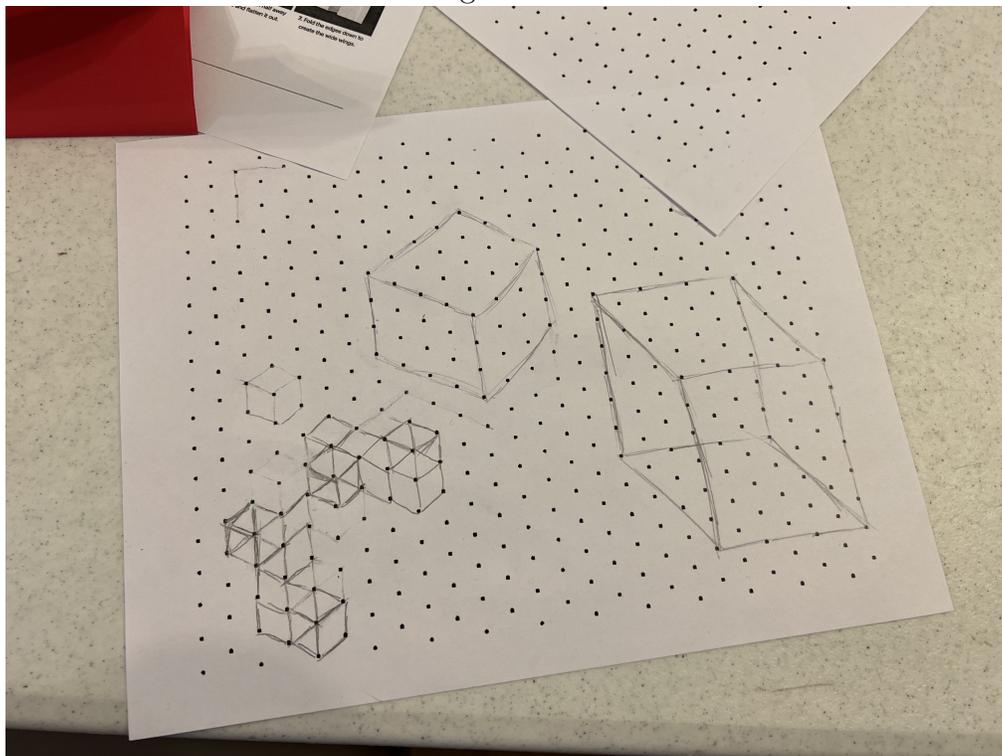
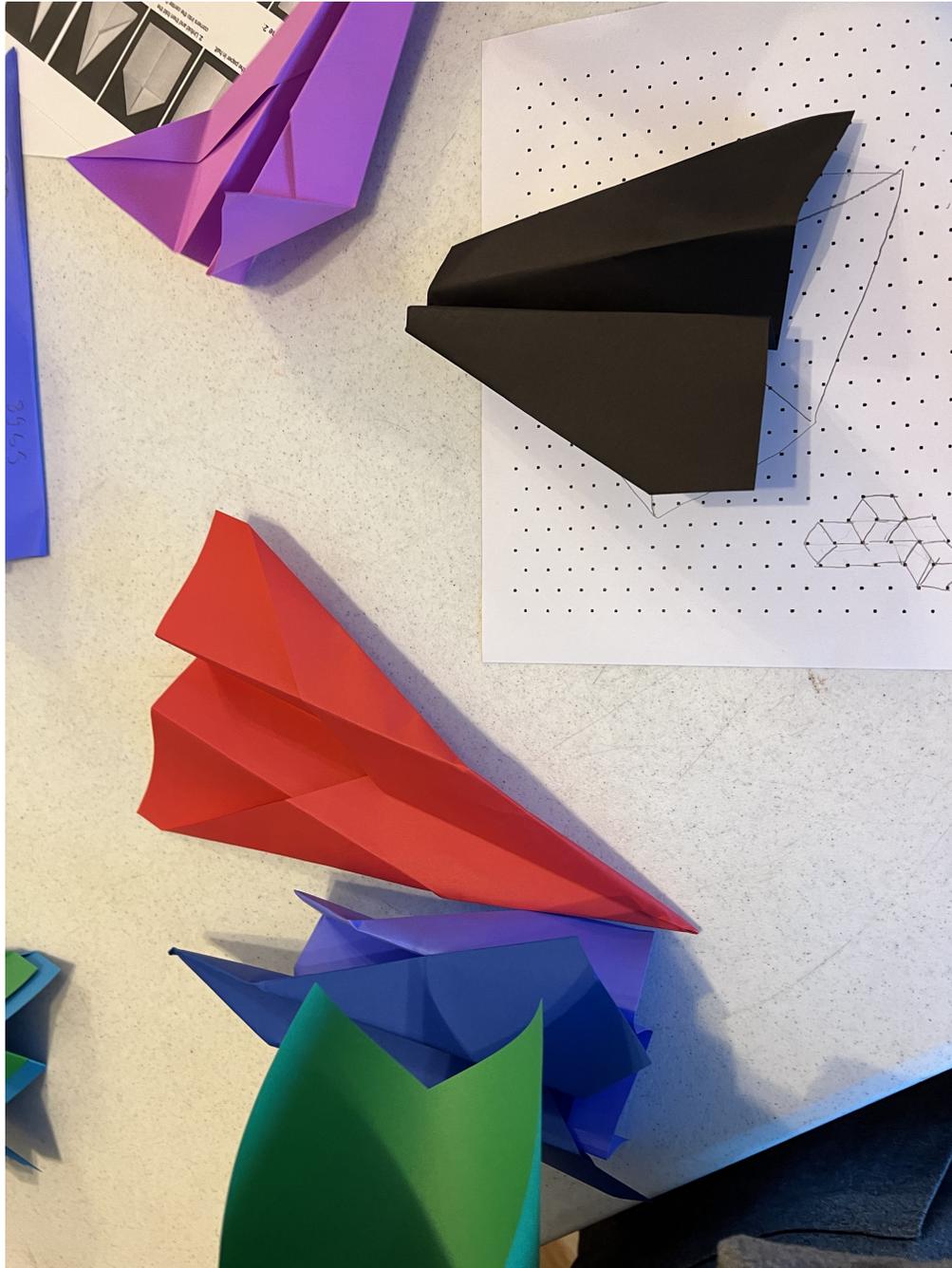


Figure 31:



33 Billiard's Social

Florida Alpha

1. Project Information

- i. Date(s): 02/10/22
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	3
Electees	1

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

- i. **General Description**

A billiards social event at Palomino's a local bar and billiards establishment.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This social meets both electee and member social requirements.
- iii. **Organization and Administration**

The two officers for social events planned this event. The officers are Brendan McCue and me. We both decided on a time.
- iv. **Total Cost**

\$0.0
- v. **Cost Breakdown**

N/A
- vi. **Special Problems Encountered**

Very poor attendance. I believe next time we need to send out reminders the day before and probably two hours before as well. Overall the social event has been having very poor attendance.
- vii. **Overall Evaluation**

The social was fun and everyone who went had a good time but the attendance was disappointing, to say the least.

34 Baking Social

Florida Alpha

1. Project Information

- i. Date(s): 02/13/22
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	1
Electees	1

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.0

2. Project Evaluation

- i. **General Description**

A baking social the Sunday before Valentine's day. We made strawberry shortcake cupcakes.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This fulfills the member and electee social requirements.
- iii. **Organization and Administration**

I, Maeloni took the lead on this one. To plan for the event I found a recipe and tried the recipe out to make sure it was a good fit. We had a poor turnout, however, I believe that this is falling on the same day as the super bowl.
- iv. **Total Cost**

\$0.0
- v. **Cost Breakdown**

N/A
- vi. **Special Problems Encountered**

Very poor turn out I believe because it was super bowl weekend.
- vii. **Overall Evaluation**

It was a fun social but there was only one other person. He did not have all the ingredients or cookware but that was okay because I was able to pull up a mug cake recipe.

35 Spring 2022 GatorTRAX Event 1 - Magnetism

Florida Alpha

1. Project Information

- i. Date(s): 02/14/22 - 02/19/22
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	8
Electees	16

- v. Average number of hours per person spent:

Participating	Organizing
8.0	2.0

2. Project Evaluation

i. General Description

GatorTRAX is a DIY STEM activity event with K-12 kids in Gainesville. This event was held over Zoom due to the COVID-19 pandemic. The FL-A TBP VPs of Education Outreach planned the activity. We had three different experiments planned for the kids all teaching them about magnetism. TBP volunteers (4 members, 5 electees) assembled kits for the parents to pick up the Wednesday before the Saturday event. The DIY kids had instructions on how to do the events, all the supplies needed to complete the experiments, and the Zoom link for the event. Then on Thursday (2 electees) and Friday (3 electees), we had TBP volunteers pass the kits out to the parents. We had a specific spot on campus for the parents to pick up the kits and then volunteers held up GatorTRAX signs so they knew they were in the right place. Finally, at the Saturday event (3 members, 7 electees), we had 2 TBP volunteers per breakout room helping the kids through the activity. The kids learned about the different poles of magnets, the inverse square law, and made a car they could move forward with magnets.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The purpose of this event was to educate students (K-12) about STEM topics. We discussed topics related to magnetism with the kids.

iii. **Organization and Administration**

The event was organized and planned by the TBP VPs of Education Outreach. We sent emails to parents about how to sign up for GatorTRAX events, reminders to pick up the kits, and a reminder of the event with the zoom link.

iv. **Total Cost**

\$223.23

v. **Cost Breakdown**

Supplies for the experiments were bought from Amazon. TBP volunteers helped run all of the events necessary to make the Saturday GatorTRAX event successful.

vi. **Special Problems Encountered**

There were not any problems.

vii. **Overall Evaluation**

Overall, the event was successful. 100 students were signed up for the event. We even received a few thank you emails from parents.

36 Spring General Body Meeting 1

Florida Alpha

1. Project Information

- i. Date(s): 02/15/22
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Meetings
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	30
Electees	22

- v. Average number of hours per person spent:

Participating	Organizing
0.5	0.5

2. Project Evaluation

- i. **General Description**

This was our first general body meeting of the semester.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

At this meeting, we met our new electees for the first time and discussed all upcoming events and requirements for membership.
- iii. **Organization and Administration**

This was organized by the president and information was presented by all officers.
- iv. **Total Cost**

\$51.27
- v. **Cost Breakdown**

Pizza for the meeting
- vi. **Special Problems Encountered**

None
- vii. **Overall Evaluation**

This was a great meeting. We got to meet all the new electees!

37 Street Clean-up 1

Florida Alpha

1. Project Information

i. Date(s): 02/20/22

ii. New/Recurring Project: New

iii. Project Areas:

- Custom
- Community/Liberal Culture
- University/College
- Profession/Engineering
- Chapter/Social
- Education/Professional Development
- K-12 STEM

iv. Number of persons who participated:

Category	Count
Members	4
Electees	1

v. Average number of hours per person spent:

Participating	Organizing
1.0	3.0

2. Project Evaluation

i. General Description

Our chapter has adopted a street and is committed to its cleaning maintenance at least six times throughout the year. Adopting a street is a great way to help beautify our community and show our civic pride. Also, seeing volunteers at work is a visible reminder to others that littering is not okay. Participants meet at our two-mile section of road and collect litter for three hours or until the road is completely clean.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

As engineers, we strive to make the world a better place through skills and through service. Through service projects, like the street clean-up, our members have the opportunity to give back to and get involved with the Gainesville community outside of the University of Florida.

iii. Organization and Administration

This project was led by our chapter's service coordinators through the Gainesville Adopt-A-Street program. Coordinators were responsible for maintaining contact with the Gainesville Adopt-A-Street chair, picking up the clean-up kit the week prior to the event, coordinating the transport of participating members, leading the clean-up, and returning the clean-up kit after the event

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

No funds were needed. The 'soft' four participant minimum for these projects was met.

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

This event was relatively early in the semester but was necessary to fulfill the number of clean-ups required before the end of this semester. Although we had a low participant count, we look forward to a higher turn-out as more electees begin being active.

3. **Additional Attachments**

Figure 32: Participants proudly posing with our street sign



Figure 33: Participants showing the huge pile of garbage collected



38 Project Makeover 2022

Florida Alpha

1. Project Information

- i. Date(s): 02/26/22
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	2
Electees	2

- v. Average number of hours per person spent:

Participating	Organizing
1.0	3.0

2. Project Evaluation

i. General Description

We participated in the annual Project Makeover event this year that aimed to beautify a local elementary school through painting, landscaping, and small construction projects. In their own words, "Project Makeover at the University of Florida is a nonprofit that works year-round to create imaginative school spaces for communities." Our participants met at the elementary school and worked through our shift to finish murals and prepare flower beds for planting, all in an effort to make the school a more inviting place to learn.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

As engineers, we strive to make the world a better place through skills and through service. Through service projects, like the Project Makeover event, our members have the opportunity to give back to and get involved with other students and the community outside of the University of Florida

iii. Organization and Administration

This project was led by our chapter's service coordinators through the University of Florida Project Makeover organization. Coordinators were responsible for maintaining contact with Project Makeover coordinators, coordinating the transport of participating members, and supervising our group within the project.

iv. **In Conjunction With**
Project Makeover

v. **Total Cost**
\$0.0

vi. **Cost Breakdown**
No funds were needed. The 'soft' four participant minimum for these projects was met.

vii. **Special Problems Encountered**
N/A

viii. **Overall Evaluation**

This event was a new service activity for our chapter, so members were unsure what to expect to do. Although we had a low participant count, we look forward to a higher turn-out next year as more members hear about the event and the amazing service it provides.

39 Ice Cream Social

Florida Alpha

1. Project Information

i. Date(s): 03/03/22

ii. New/Recurring Project: New

iii. Project Areas:

- Custom
- Community/Liberal Culture
- University/College
- Profession/Engineering
- Chapter/Social
- Education/Professional Development
- K-12 STEM

iv. Number of persons who participated:

Category	Count
Members	7
Electees	6

v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

i. General Description

Ice cream social to hang out and get a social requirement!

ii. Purpose and Relationship to Objectives of Tau Beta Pi

To get social requirements.

iii. Organization and Administration

Brendan McCue and Maeloni Pompilio create and put on the social event.

iv. Total Cost

\$0.0

v. Cost Breakdown

0

vi. Special Problems Encountered

No, we even had a good turnout.

vii. Overall Evaluation

We had a really good turnout from both members and electees! It was also really fun.

40 Spring 2022 GatorTRAX Event 2 - Learning about Volume, Density, and Buoyancy

Florida Alpha

1. Project Information

- i. Date(s): 03/14/22 - 03/19/22
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM

- iv. Number of persons who participated:

Category	Count
Members	10
Electees	18

- v. Average number of hours per person spent:

Participating	Organizing
8.0	2.0

2. Project Evaluation

i. General Description

GatorTRAX is a DIY STEM activity event with K-12 kids in Gainesville. This event was held over Zoom due to the COVID-19 pandemic. The FL-A TBP VPs of Education Outreach planned the activity. We had three different experiments planned for the kids all teaching them about volume, density, and buoyancy. TBP volunteers (1 member, 7 electees) assembled kits for the parents to pick up the Wednesday before the Saturday event. The DIY kids had instructions on how to do the events, all the supplies needed to complete the experiments, and the Zoom link for the event. Then on Thursday (3 electees) and Friday (3 electees), we had TBP volunteers pass the kits out to the parents. We had a specific spot on campus for the parents to pick up the kits and then volunteers held up GatorTRAX signs so they knew they were in the right place. Finally, at the Saturday event (9 members, 5 electees), we had 3 TBP volunteers per breakout room helping the kids through the activity. The kids learned about the different how to calculate volume, how you can layer liquids with different densities, and about buoyancy using fresh and saltwater.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The purpose of this event was to educate students (K-12) about STEM topics. We discussed topics related to volume, density, and buoyancy with the kids.

iii. **Organization and Administration**

The event was organized and planned by the TBP VPs of Education Outreach. We sent emails to parents about how to sign up for GatorTRAX events, reminders to pick up the kits, and a reminder of the event with the zoom link.

iv. **Total Cost**

\$256.76

v. **Cost Breakdown**

Supplies for the experiments were bought from Amazon. TBP volunteers helped run all of the events necessary to make the Saturday GatorTRAX event successful.

vi. **Special Problems Encountered**

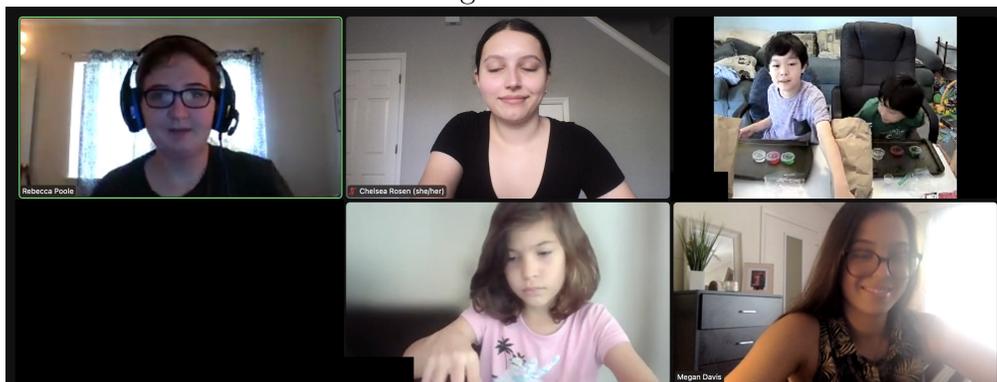
There were not any problems.

vii. **Overall Evaluation**

Overall, the event was successful! The kids seemed to have fun and were engaged with the volunteers.

3. **Additional Attachments**

Figure 34:



41 Spring General Body Meeting 2

Florida Alpha

1. Project Information

- i. Date(s): 03/15/22
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Meetings
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	31
Electees	13

- v. Average number of hours per person spent:

Participating	Organizing
0.5	0.5

2. Project Evaluation

- i. **General Description**
This was our second general body meeting of the semester.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**
This was to continue to give updates of upcoming events and make sure electees knew about the interview process and remaining requirements.
- iii. **Organization and Administration**
This was organized by the president and officers presented information.
- iv. **Total Cost**
\$51.27
- v. **Cost Breakdown**
Pizza
- vi. **Special Problems Encountered**
None
- vii. **Overall Evaluation**
This went well! We conveyed all the information necessary to the electees.

42 Scribbl.io Social

Florida Alpha

1. Project Information

- i. Date(s): 03/16/22
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	5
Electees	5

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

- i. **General Description**
Online social where we played scribbl.io
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**
For social credit
- iii. **Organization and Administration**
Maeloni organized and led the social.
- iv. **Total Cost**
\$0.0
- v. **Cost Breakdown**
N/A
- vi. **Special Problems Encountered**
N/A
- vii. **Overall Evaluation**
Very good social, good turn out.

43 Street Clean-up 2

Florida Alpha

1. Project Information

- i. Date(s): 03/20/22
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	1
Electees	2

- v. Average number of hours per person spent:

Participating	Organizing
1.0	3.0

2. Project Evaluation

i. General Description

Our chapter has adopted a street and is committed to its cleaning maintenance at least six times throughout the year. Adopting a street is a great way to help beautify our community and show our civic pride. Also, seeing volunteers at work is a visible reminder to others that littering is not okay. Participants meet at our two-mile section of road and collect litter for three hours or until the road is completely clean.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

As engineers, we strive to make the world a better place through skills and through service. Through service projects, like the street clean-up, our members have the opportunity to give back to and get involved with the Gainesville community outside of the University of Florida.

iii. Organization and Administration

This project was led by our chapter's service coordinators through the Gainesville Adopt-A-Street program. Coordinators were responsible for maintaining contact with the Gainesville Adopt-A-Street chair, picking up the clean-up kit the week prior to the event, coordinating the transport of participating members, leading the clean-up, and returning the clean-up kit after the event

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

No funds were needed. The 'soft' four participant minimum for these projects was not met, but the event took place in order to let candidates earn service hours.

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

This event was very lightly attended, but there were conflicts with other events and there were complications that make carpool impossible. Although we had a low participant count, we look forward to a higher turn-out as more electees begin being active.

3. **Additional Attachments**

Figure 35: Candidate participants standing proudly by the garbage collected



44 Pi Day Field Day

Florida Alpha

1. Project Information

i. Date(s): 03/21/22

ii. New/Recurring Project: New

iii. Project Areas:

- Custom
- Community/Liberal Culture
- University/College
- Profession/Engineering
- Chapter/Social
- Education/Professional Development
- K-12 STEM

iv. Number of persons who participated:

Category	Count
Non-Members	1
Members	4
Electees	1

v. Average number of hours per person spent:

Participating	Organizing
1.0	2.0

2. Project Evaluation

i. General Description

Pi Day Field Day is designed to be a large social activity for TBP members and non-member UF students designed for chapter bonding and building teamwork skills as new electees enter the end of the electee process. The event consisted of around an hour to an hour and a half of activities with a "pie break" between.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

This activity helps to "cultivate a dedicated community of high achievers".

iii. Organization and Administration

Natalie Thurlow, as the Pi Day Chair, organized activities, established the time and field that was open for use, and coordinated attendance and volunteers to bring activities and pies.

iv. Total Cost

\$0.0

v. Cost Breakdown

No costs/payments were attributed to TBP, but people were encouraged to donate components for activities (usually no purchase needed) or pies (store-bought or homemade).

vi. **Special Problems Encountered**

Attendance was low. This event was originally designed with ~25 people as the predicted attendance, so this limited the amount of team work and social aspect of the event.

vii. **Overall Evaluation**

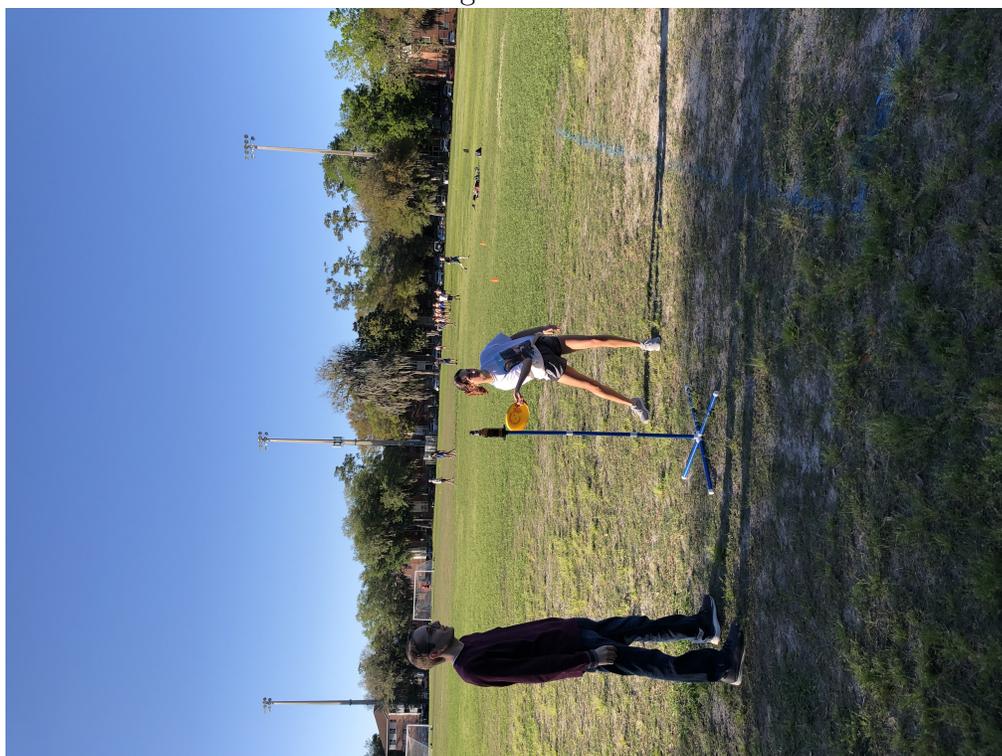
Overall, the event was moderately successful. Those in attendance enjoyed the event, but attendance and timing could have been improved. Establishing the activity and time earlier (few weeks before spring break) and really pushing heavy advertisement outside of TBP would have boosted the number of attendees.

3. **Additional Attachments**

Figure 36:



Figure 37:



45 Spring Candidate Elections

Florida Alpha

1. Project Information

- i. Date(s): 03/22/22
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Elections
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	43
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.5	0.5

2. Project Evaluation

- i. **General Description**

This was our meeting for discussing electees and whether or not to elect them to candidacy.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This is an important process for ensuring we elect those who will be able to complete their requirements on time and meet our character requirement.
- iii. **Organization and Administration**

This was led by the president.
- iv. **Total Cost**

\$0.0
- v. **Cost Breakdown**

None
- vi. **Special Problems Encountered**

None
- vii. **Overall Evaluation**

This went well, and we were able to elect everyone, except for one which we elected as a probationary candidate due to little progress on requirements. Ultimately, she was initiated!

46 Electee-Only Social

Florida Alpha

1. Project Information

- i. Date(s): 03/24/22
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	2
Electees	15

- v. Average number of hours per person spent:

Participating	Organizing
5.0	1.5

2. Project Evaluation

i. General Description

This Electee-Only Social was conducted in person this semester. The Vice President of Electees, Mathew Spiteri and Derek Colon, brainstormed ways to create an engaging social. After sorting through ideas, we decided on three activities. The first was our version of human bingo. Like a scavenger hunt, we had a list of characteristics of fun facts we wanted people to ask each other. We had people move around freely and find things other people could check off of their list. In the end, the winner had 25/35 items completed! Secondly, we had members complete a simulated survival game where they had to choose their top 5 items from a list, they thought were most important. We did this by dividing them into 3 teams of 5. Lastly, everyone participated in a trivia game formatted in a bar trivia style. The electees stayed in their groups and had to work together to come up with an answer within 2 minutes before moving onto the next question. The team with the most correct answers won. This social went well and we have heard positive feedback from electees that they enjoyed how social and interactive the whole night was.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

This project ties into the Objectives of Tau Beta Pi to unite engineering students together and create social networking bonds within the chapters. This social also focused on collaboration between electees (survival game and trivia teams) and helped individuals interact on a more personal level (bingo).

iii. **Organization and Administration**

The actual event went according to plan with very few adjustments made on the spot. The organization and planning for the event were done in about 3 planning meetings and then some individual work by each person on their own.

iv. **Total Cost**

\$35.0

v. **Cost Breakdown**

The cost was spent on 3 pizzas, 2 gallons of lemonade, paper cups and plates, and napkins. The planning committee for this project was only the two Vice Presidents of Electees which was sufficient for the workload.

vi. **Special Problems Encountered**

There were no special problems.

vii. **Overall Evaluation**

This project ended successfully with an Electee-only social that really allowed the electees to participate in some friendly competition, better get to know another, and work in teams as friends and companions. The ideas used for this social can be transferred to a virtual environment should the chapter require it to be one. One thing to achieve better results in the future could be to have a quick icebreaker and only 2 activities to shorten the length of the social. Also reserving a room at the student union to have a more private space with catering options would be ideal.

3. **Additional Attachments**

Figure 38:



47 Game Night

Florida Alpha

1. Project Information

i. Date(s): 03/25/22

ii. New/Recurring Project: New

iii. Project Areas:

- Custom
- Community/Liberal Culture
- University/College
- Profession/Engineering
- Chapter/Social
- Education/Professional Development
- K-12 STEM

iv. Number of persons who participated:

Category	Count
Members	5
Electees	8

v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

i. General Description

On Social Night we gathered and played a game called chameleon

ii. Purpose and Relationship to Objectives of Tau Beta Pi

So members could meet and get their social requirement.

iii. Organization and Administration

Maeloni put on the event, booked a room and grabbed games

iv. Total Cost

\$0.0

v. Cost Breakdown

0

vi. Special Problems Encountered

No this was a good event.

vii. Overall Evaluation

Great event and great turn out too.

48 Volleyball Social

Florida Alpha

1. Project Information

- i. Date(s): 03/26/22
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	2
Electees	6

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

- i. **General Description**

This was a social we gathered at the volleyball court and played volleyball for an hour.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

For members and electees to get their social credits.
- iii. **Organization and Administration**

Brendan McCue and Maeloni Pompilio put on and attended the event secured a spot and a ball.
- iv. **Total Cost**

\$0.0
- v. **Cost Breakdown**

N/A
- vi. **Special Problems Encountered**

Low amount of attendees but a lot better than last time
- vii. **Overall Evaluation**

Overall was a good event. However, because of all the games that happen on the weekend, we are going to move social events to weekdays!

49 Spring General Body Meeting 3

Florida Alpha

1. Project Information

- i. Date(s): 03/29/22
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Meetings
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	29
Electees	14

- v. Average number of hours per person spent:

Participating	Organizing
0.5	0.5

2. Project Evaluation

- i. **General Description**
This was our final general body meeting of the semester.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**
This was mainly to convey information about the remaining events, including banquet and initiation.
- iii. **Organization and Administration**
This was organized by the president. Officers presented information.
- iv. **Total Cost**
\$51.27
- v. **Cost Breakdown**
Pizza
- vi. **Special Problems Encountered**
None
- vii. **Overall Evaluation**
This meeting went well. Everyone got the information they needed about initiation and banquet.

50 Code Words Game Night

Florida Alpha

1. Project Information

- i. Date(s): 03/31/22
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	3
Electees	4

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

- i. **General Description**
Played code words online over zoom!
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**
To get social credit!
- iii. **Organization and Administration**
Maeloni created and put on the event!
- iv. **Total Cost**
\$0.0
- v. **Cost Breakdown**
N/A
- vi. **Special Problems Encountered**
no problems pretty good social
- vii. **Overall Evaluation**
No problems though there were not a lot of members.

51 Spring 2022 GatorTRAX Event 3 - Physical VS Chemical Change

Florida Alpha

1. Project Information

- i. Date(s): 04/02/22
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM

- iv. Number of persons who participated:

Category	Count
Non-Members	5
Members	4
Electees	5

- v. Average number of hours per person spent:

Participating	Organizing
8.0	2.0

2. Project Evaluation

i. General Description

GatorTRAX is a STEM activity event with K-12 kids in Gainesville. This event was held in person in the UF Reitz Union. The FL-A TBP VPs of Education Outreach planned the activity. We had multiple experiments planned to teach the kids about the difference between physical and chemical changes. At the event, we had five kids per table with a total of 35 participants. We showed the kids a few chemical experiments that included fire. We then had the volunteers show the children a couple of precipitation reactions at the table. The kids were also able to fold paper airplanes to learn about physical changes, as well as test the pH of different liquids.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The purpose of this event was to educate students (K-12) about STEM topics. We discussed topics related to physical vs chemical changes with the kids.

iii. Organization and Administration

The event was organized and planned by the TBP VPs of Education Outreach. We sent emails to parents about how to sign up for GatorTRAX events and a reminder of the event with the room number.

iv. **Total Cost**

\$400.0

v. **Cost Breakdown**

Supplies for the experiments were bought from Amazon. TBP volunteers helped run all of the events necessary to make the Saturday GatorTRAX event successful.

vi. **Special Problems Encountered**

There were not any problems.

vii. **Overall Evaluation**

Overall, the event was successful! The kids seemed to have fun and were engaged with the volunteers.

3. **Additional Attachments**

Figure 39:



Figure 40:



52 Street Clean-up 3

Florida Alpha

1. Project Information

- i. Date(s): 04/03/22
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	1
Electees	2

- v. Average number of hours per person spent:

Participating	Organizing
1.0	3.0

2. Project Evaluation

i. General Description

Our chapter has adopted a street and is committed to its cleaning maintenance at least six times throughout the year. Adopting a street is a great way to help beautify our community and show our civic pride. Also, seeing volunteers at work is a visible reminder to others that littering is not okay. Participants meet at our two-mile section of road and collect litter for three hours or until the road is completely clean.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

As engineers, we strive to make the world a better place through skills and through service. Through service projects, like the street clean-up, our members have the opportunity to give back to and get involved with the Gainesville community outside of the University of Florida.

iii. Organization and Administration

This project was led by our chapter's service coordinators through the Gainesville Adopt-A-Street program. Coordinators were responsible for maintaining contact with the Gainesville Adopt-A-Street chair, picking up the clean-up kit the week prior to the event, coordinating the transport of participating members, leading the clean-up, and returning the clean-up kit after the event

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

No funds were needed. The 'soft' four participant minimum for these projects was not met, but the event took place in order to let candidates earn service hours.

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

This event was very lightly attended, but there were conflicts with other events, including another TBP service event this day. Although we had a low participant count, we look forward to a higher turn-out as more electees begin being active.

53 Bent Polishing Social

Florida Alpha

1. Project Information

- i. Date(s): 04/04/22
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	2
Electees	8

- v. Average number of hours per person spent:

Participating	Organizing
1.5	1.0

2. Project Evaluation

i. General Description

The Bent Polishing Social is hosted once a semester to help electees get their bents ready for initiation. Before the social, 800, 400, 150, 100, and 60 grit sandpaper were reused from prior socials. During this social, the basics of sanding and polishing the bents are discussed as the electees prepare their bents. This was also the event where the majority of the electees received their bents.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

Bent polishing is a large part of the initiation process and is an excellent opportunity for electees to get to know each other. The objective of this social was also to generate excitement about the upcoming initiation.

iii. Organization and Administration

Planning for the bent polishing social was very straightforward. The Vice Presidents of Electees were responsible for getting the sanding and polishing materials and picking the location for the social. The social was conducted in an outdoor public location so that the metal shavings from the bents weren't a problem.

iv. Total Cost

\$0.0

v. **Cost Breakdown**

Enough electees attended the social to make it a worthwhile endeavor. The goal was for the new electees to bond while preparing for initiation and that was achieved.

vi. **Special Problems Encountered**

Some of the bents had more excess material on them than others. This made the polishing process much harder for people who received these bents. In the future we will bring better equipment to deal with this specific issue.

vii. **Overall Evaluation**

Given that the majority of the electees this semester participated in bent polishing to some degree, it seems as though this event was a success. Although the social went very well it would be nice to get more electees to attend next time. The attendance still exceeded expectations but in future semesters an additional notification will be sent out beforehand.

54 Scribbl.io Social 2

Florida Alpha

1. Project Information

- i. Date(s): 04/06/22
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	3
Electees	1

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

- i. **General Description**
Online social where we played scribbl.io
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**
For social credit
- iii. **Organization and Administration**
Maeloni organized and led the social.
- iv. **Total Cost**
\$0.0
- v. **Cost Breakdown**
N/A
- vi. **Special Problems Encountered**
N/A
- vii. **Overall Evaluation**
Very good social, good turn out.

55 Spring Banquet & Awards Ceremony

Florida Alpha

1. Project Information

- i. Date(s): 04/08/22
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Initiation Related Events
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Advisor	2
Members	11
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.5

2. Project Evaluation

- i. **General Description**

This was our post-initiation banquet and awards ceremony.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This is to celebrate all the new members who were just initiated!
- iii. **Organization and Administration**

This was organized by our banquet coordinator. It was set up at Blue Gill restaurant. Awards and planning the reservation were all handled by the banquet coordinator with financial help from the treasurer.
- iv. **Total Cost**

\$672.0
- v. **Cost Breakdown**

This is a rough estimate of the cost, as it has not been finalized and attendance was different than originally projected for cost. But based on about 16 people in attendance, the cost was projected to be 672.
- vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

This went well! Costs went up at this restaurant, but we are able to get a private room. This venue is likely most suitable in fall semesters when the initiate class is larger, as it was unnecessarily large for this group this semester.

56 Spring Initiation Ceremony

Florida Alpha

1. Project Information

- i. Date(s): 04/08/22
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Initiation Related Events
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	13
Electees	17

- v. Average number of hours per person spent:

Participating	Organizing
2.5	1.0

2. Project Evaluation

- i. **General Description**
This was our initiation ceremony for the semester.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**
This is to initiate new members!
- iii. **Organization and Administration**
This was organized by the officer team.
- iv. **Total Cost**
\$0.0
- v. **Cost Breakdown**
None
- vi. **Special Problems Encountered**
None
- vii. **Overall Evaluation**
This went very well! We had 3 out of 4 advisors in attendance and lots of the officer team to help with set up.

3. Additional Attachments

Figure 41:



57 April 12 GatorTRAX STEAM Night Event

Florida Alpha

1. Project Information

- i. Date(s): 04/12/22
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	2
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
4.0	2.0

2. Project Evaluation

- i. **General Description**

We worked with a local elementary school, Norton, and attend their STEAM Night. This event had organizations from the Gainesville area that brought activities for the students to complete. We gave the students the option to make magnetic slime, a car that moves using magnets, or a catapult.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

The purpose of this event was to educate students (K-12) about STEM topics and engage with the local community. We were also able to spread awareness about GatorTRAX.
- iii. **Organization and Administration**

The event was organized and planned by the TBP VPs of Education Outreach.
- iv. **Total Cost**

\$0.0
- v. **Cost Breakdown**

We used leftover supplies from previous experiments
- vi. **Special Problems Encountered**

No special problems!

vii. Overall Evaluation

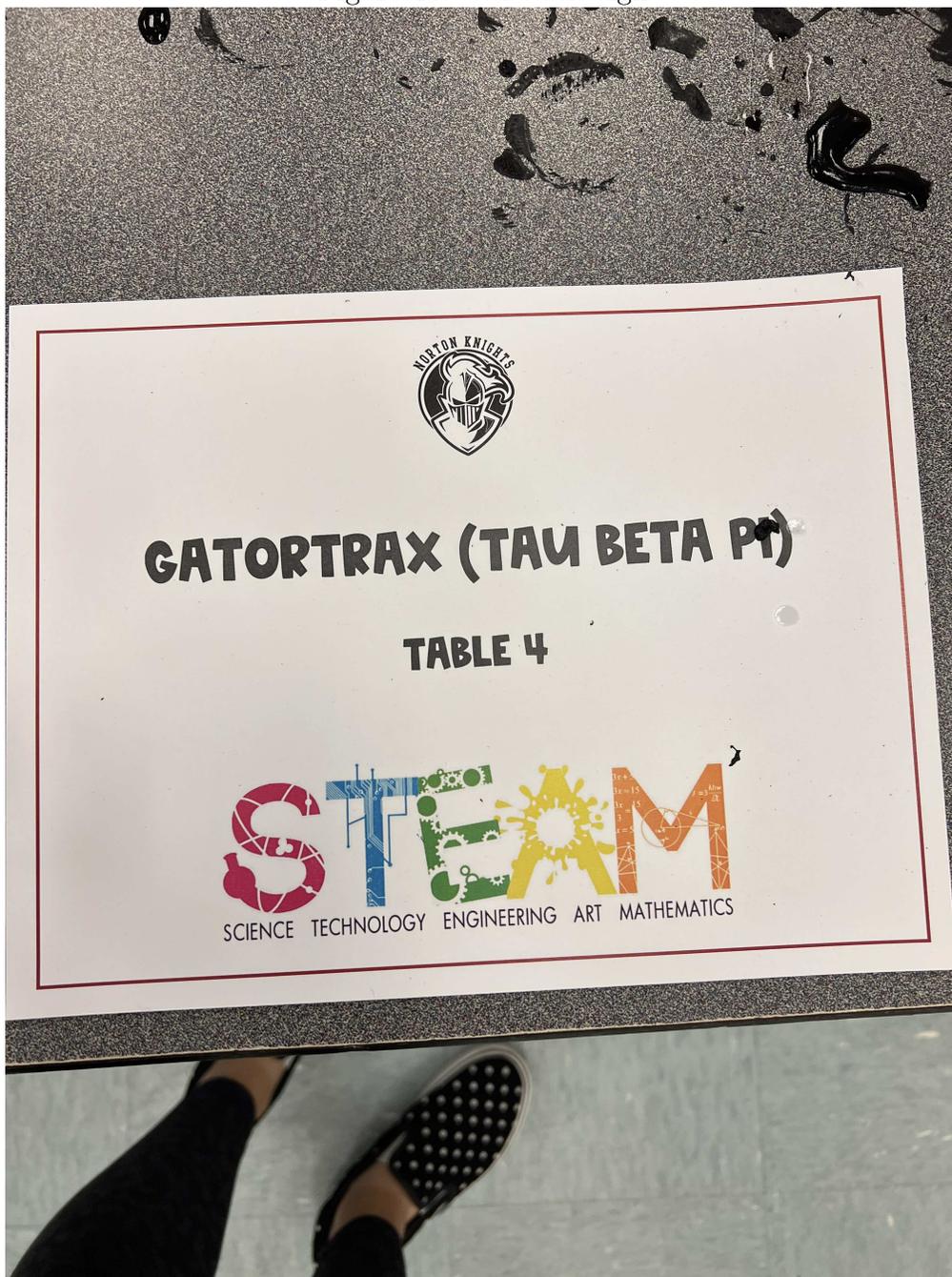
This was a great event for the volunteers and the STEAM night attendees. The kids had a great time.

3. Additional Attachments

Figure 42: Magnetic Slime



Figure 43: Our table sign



58 April 18 Cub Scouts GatorTRAX

Florida Alpha

1. Project Information

- i. Date(s): 04/18/22
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
 - Custom
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	2
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
4.0	2.0

2. Project Evaluation

- i. **General Description**

We worked with a local Cub Scouts troupe to help them fill one of the engineering requirements. The kids were 4th graders. There were 13 cub scouts in attendance. We taught them about different types of robots and how robots can help in our daily lives. Then, we took them through an activity to make their own robotic hand.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

The purpose of this event was to educate students (K-12) about STEM topics. The kids learned about robots and built their own robotic hand out of common household items.
- iii. **Organization and Administration**

The event was organized and planned by one of the TBP VPs of Education Outreach, Chelsea Rosen.
- iv. **Total Cost**

\$27.18
- v. **Cost Breakdown**

we used supplies we already had, but had to buy needles, ping pong balls, and clay
- vi. **Special Problems Encountered**

No special problems!

vii. **Overall Evaluation**

This was a great event for the volunteers and the Cub Scouts. The kids had a great time.

3. **Additional Attachments**

Figure 44: The kids with their robot hands



59 Spring Officer Elections

Florida Alpha

1. Project Information

- i. Date(s): 04/19/22
- ii. New/Recurring Project: New
- iii. Project Areas:
 - Meetings
 - Community/Liberal Culture
 - University/College
 - Profession/Engineering
 - Chapter/Social
 - Education/Professional Development
 - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	41
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.5	1.0

2. Project Evaluation

- i. **General Description**
This was our officer elections for the next semester/year.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**
This is an important meeting to make sure we have all tasks covered by new officers for the next term. We also had to vote on renewing an advisor term for one of our advisors.
- iii. **Organization and Administration**
This was led by the president.
- iv. **Total Cost**
\$0.0
- v. **Cost Breakdown**
None
- vi. **Special Problems Encountered**
None
- vii. **Overall Evaluation**
This was a great meeting! We filled all officer roles and renewed one of our advisors for a 4 year term.