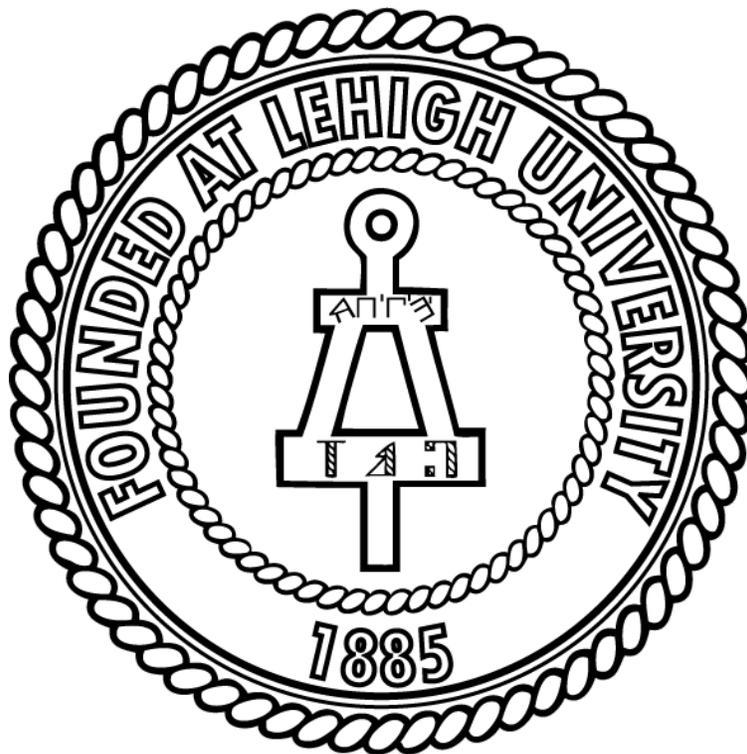


Tau Beta Pi
Chapter Project Report



Texas Alpha Chapter
Fall 2021 to Spring 2022

Executive Summary

The Tau Beta Pi Texas Alpha Chapter at the University of Texas at Austin initiated 66 Tau Beta Pi candidates into our chapter during the 2021-2022 academic year. These members showed integrity and excellence in engineering through the completion of thirteen candidate requirements in tandem with maintenance of outstanding scholastic and extracurricular achievements. Some of those requirements include attending five chapter social events, completing six hours of community service with the chapter, contributing four hours to internal chapter activities like fundraising, and attending at least one fireside hosted by a distinguished faculty member in the Cockrell School of Engineering. This chapter report contains a summary of all 148 events sponsored by our chapter that our candidates participated in.

Our diligent, semester-long initiation process is designed to ensure that our candidates are honorable engineers and not just high-GPA students. The social events provide opportunities for our candidates to develop interdepartmental connections with other high-achieving Cockrell School of Engineering students in the Texas Alpha chapter. Firesides allowed those candidates to connect with, gain valuable insights from and obtain career advice from professors outside a traditional academic setting.

Furthermore, our most committed, stressed, and important requirement is the fulfillment of at least six hours of community service. The goal of the community service hours is to motivate our candidates to help the community we all live in, whether it is helping to feed and interact with homeless persons, cleaning up our local parks, or tutoring middle schoolers in STEM subjects.

Texas Alpha strives to promote integrity and excellence in engineering by continuing to have a strict and rigorous initiation process. At the same time, we also try to increase active involvement by giving incentives to continue to participate in TBP events even after initiation. This year, we recognized several active Texas Alpha members who went above and beyond to contribute to the chapter's social and service activities throughout both semesters. As we move into the chapter's 2nd century, our officer team and active members will continue to provide an inclusive environment for our membership to develop connections, build their professional experience and improve the local community through community service.

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1 ECAC Resume Writing Workshop

Texas Alpha

1. Project Information

- i. Date(s): 08/26/21
- 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	1

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

- i. **General Description**

We hosted the Engineering Career Assistance Center (ECAC) virtually for a resume workshop presentation, followed by breaking down specific participant questions about building resumes.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This professional development activity provided the opportunity for TBP members to improve their chances of gaining interviews and landing internships or jobs through building quality resumes.
- iii. **Organization and Administration**

ECAC organized and advertised the presentation. The event was promoted to TBP members through the newsletter and announcements.
- iv. **Total Cost**

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

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

N/A

vii. **Overall Evaluation**

Attendees learned how to make a high-quality resume. This was a very nice intro to resume writing which will set us up nicely to dive into individuals' resumes as an officer team later in the year, and potentially allow for more activities related to this topic.

2 ECAC Expo Prep

Texas Alpha

1. Project Information

i. Date(s): 08/30/21

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	1

v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

i. General Description

ECAC held a virtual presentation to prepare attendees for the Engineering Expo (career fair) by explaining logistics and giving tips about how to make good impressions on recruiters.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

By understanding what companies are looking for, TBP members improve their chances of leaving meaningful impressions with their interviewers.

iii. Organization and Administration

ECAC organized and advertised the presentation. The event was promoted to TBP members through the newsletter and announcements.

iv. Total Cost

\$0.0

v. Cost Breakdown

N/A

vi. Special Problems Encountered

N/A

vii. **Overall Evaluation**

Attendees learned how Expo works and how to receive positive feedback from employers (job offers, recommendations, invites to apply). This workshop made sure that attendees were ready to succeed at Expo.

3 TBP Info Session 9/2

Texas Alpha

1. Project Information

- i. Date(s): 09/02/21
- 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	6
Electees	12

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

i. General Description

We hosted a Zoom informational session for potential candidates. Officers used a PowerPoint presentation to describe the main pillars of TBP and emphasized the social, service, and professional benefits that joining the organization will have on each individual. Then, along with active members, we broke off into breakout rooms on Zoom in order to spend time talking to each individual candidate about any questions they may have had about TBP.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

This allowed us to reach out to new people who may be interested in joining our organization, therefore improving the greater community surrounding the chapter as described by the Community/Liberal Culture option. Expanding the amount of active participants in the organization will allow us to continue growing the membership community and thus expand our outreach.

iii. Organization and Administration

The main responsibility for this project was on the Vice President - Internal of the chapter. He had to organize the date and time of each informational session and be in attendance. Additionally, he led the presentation and thus had to be knowledgeable about TBP. The other officers in attendance were responsible for being the main starters of conversation in the breakout rooms, so they also had to be passionate about TBP.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

There were no costs associated with this project.

vi. **Special Problems Encountered**

The only major issue that occurred during the info session was the inability of the computer to share the screen given its age. We had to switch the permission to another officer in attendance, but it ended up working out afterward. There was also a lack of music at the beginning of the session.

vii. **Overall Evaluation**

Overall, the meeting went a little bit off-plan, but there were still a fair amount of potential candidates who attended this meeting and ended up joining, meaning the general purpose of the meeting was accomplished.

4 9/2/2021 Actives Meeting #1

Texas Alpha

1. Project Information

- i. Date(s): 09/02/21
- 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	44
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

- i. **General Description**

This was the first meeting of our chapter this semester. Because it is before our info sessions to recruit new members, the attendance was just our current active members. This was also our first meeting held in person in almost 3 semesters. We also streamed the meeting virtually on zoom so that we could offer a hybrid option. We bought Cabo Bob's (burritos) to hand out at the end of the meeting.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

The purpose of this event was primarily to inform our members about the state of the chapter and to receive feedback from members about our current events/operations.
- iii. **Organization and Administration**

The President organized the planning for the event. It was up to all the officers to update the presentation with information that they were in charge of. Our Vice President-Operations was in charge of ordering food for the meeting. The President hosted the meeting and presented the slides both in person and on zoom.
- iv. **Total Cost**

\$584.35

v. **Cost Breakdown**

All of the cost was spent on Cabo Bob's.

vi. **Special Problems Encountered**

It was tricky to host the meeting both in person and on zoom at the same time. We spent a while getting the technology set up beforehand. We overestimated how much food we needed, since some of the members only attended virtually and could not pick up food.

vii. **Overall Evaluation**

The meeting went well, and we had good turnout. The energy was a little subdued because most members had never met each other in person before.

5 Actives Icebreaker Social

Texas Alpha

1. Project Information

- i. Date(s): 09/02/21
- 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	17
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

- i. **General Description**

This was a social for Actives to get to know each other better after a year of online university.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This social was held at our first in-person gathering in over a year to get everyone better acquainted after a year on zoom. This social was held to help better connect the members of our chapter.
- iii. **Organization and Administration**

The activity was organized by the social coordinators. The event was a series of icebreaker activities and went according to the initial plan.
- iv. **Total Cost**

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

No cost was required. Seventeen active members of the organization participated, which was enough for the social to be successfully run.
- vi. **Special Problems Encountered**

There was a small amount of rain that prevented the social from occurring outside.

vii. **Overall Evaluation**

The social went according to plan, however, having a bigger set of icebreaker activities that encouraged interaction between members of the organization could have improved it. This will be considered when planning an icebreaker event for the incoming candidates to the chapter.

6 TBP Info Session 9/3

Texas Alpha

1. Project Information

- i. Date(s): 09/03/21
- 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	7
Electees	9

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

i. General Description

We hosted a Zoom informational session for potential candidates. Officers used a PowerPoint presentation to describe the main pillars of TBP and emphasized the social, service, and professional benefits that joining the organization will have on each individual. Then, along with active members, we broke off into breakout rooms on Zoom in order to spend time talking to each individual candidate about any questions they may have had about TBP.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

This allowed us to reach out to new people who may be interested in joining our organization, therefore improving the greater community surrounding the chapter as described by the Community/Liberal Culture option. Expanding the amount of active participants in the organization will allow us to continue growing the membership community and thus expand our outreach.

iii. Organization and Administration

The main responsibility for this project was on the Vice President - Internal of the chapter. He had to organize the date and time of each informational session and be in attendance. Additionally, he led the presentation and thus had to be knowledgeable about TBP. The other officers in attendance were responsible for being the main starters of conversation in the breakout rooms, so they also had to be passionate about TBP.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

There were no costs associated with this project.

vi. **Special Problems Encountered**

There were no major problems that occurred during this info session. The only thing that was a little bit disorganized was the slight lag time that occurred between clicking the slides and the slide actually playing, but that wasn't a major issue during the presentation.

vii. **Overall Evaluation**

Overall, this info session went a lot better than the first one, which is understandable given the familiarity we had with the overall flow of the presentation after one attempt at it. A lot of the potential members who joined the call seemed pretty excited about joining the organization, which means the officer team did a great job of showing the passion they have towards TBP.

7 TBP Info Session 9/4

Texas Alpha

1. Project Information

- i. Date(s): 09/04/21
- 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	4
Electees	5

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

i. General Description

We hosted a Zoom informational session for potential candidates. Officers used a PowerPoint presentation to describe the main pillars of TBP and emphasized the social, service, and professional benefits that joining the organization will have on each individual. Then, along with active members, we broke off into breakout rooms on Zoom in order to spend time talking to each individual candidate about any questions they may have had about TBP.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

This allowed us to reach out to new people who may be interested in joining our organization, therefore improving the greater community surrounding the chapter as described by the Community/Liberal Culture option. Expanding the amount of active participants in the organization will allow us to continue growing the membership community and thus expand our outreach.

iii. Organization and Administration

The main responsibility for this project was on the Vice President - Internal of the chapter. He had to organize the date and time of each informational session and be in attendance. Additionally, he led the presentation and thus had to be knowledgeable about TBP. The other officers in attendance were responsible for being the main starters of conversation in the breakout rooms, so they also had to be passionate about TBP.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

There were no costs associated with this project.

vi. **Special Problems Encountered**

There were no special problems that occurred during the presentation or in the breakout rooms afterwards.

vii. **Overall Evaluation**

Overall, this info session went pretty smoothly. We had a great time talking to the candidates that attended, and they were very easy to converse with. All of the potential candidates who attended this info session ended up in the candidacy process, which is great to see; it really shows that we did a great job of emphasizing the benefits of TBP and the great attributes that the organization has.

8 TBP Info Session 9/5

Texas Alpha

1. Project Information

- i. Date(s): 09/05/21
- 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	3
Electees	8

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

i. General Description

We hosted a Zoom informational session for potential candidates. Officers used a PowerPoint presentation to describe the main pillars of TBP and emphasized the social, service, and professional benefits that joining the organization will have on each individual. Then, along with active members, we broke off into breakout rooms on Zoom in order to spend time talking to each individual candidate about any questions they may have had about TBP.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

This allowed us to reach out to new people who may be interested in joining our organization, therefore improving the greater community surrounding the chapter as described by the Community/Liberal Culture option. Expanding the amount of active participants in the organization will allow us to continue growing the membership community and thus expand our outreach.

iii. Organization and Administration

The main responsibility for this project was on the Vice President - Internal of the chapter. He had to organize the date and time of each informational session and be in attendance. Additionally, he led the presentation and thus had to be knowledgeable about TBP. The other officers in attendance were responsible for being the main starters of conversation in the breakout rooms, so they also had to be passionate about TBP.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

There were no costs associated with this project.

vi. **Special Problems Encountered**

There were no special problems that we encountered while undergoing this project.

vii. **Overall Evaluation**

Overall, this info session went very well. We had a great time speaking with the potential candidates at this info session. All of the potential candidates that joined this call are now candidates in TBP, which shows that we did a great job of persuading them to join despite the rather rigorous candidacy process.

9 TBP Info Session 9/7

Texas Alpha

1. Project Information

- i. Date(s): 09/07/21
- 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	5
Electees	20

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

i. General Description

We hosted a Zoom informational session for potential candidates. Officers used a PowerPoint presentation to describe the main pillars of TBP and emphasized the social, service, and professional benefits that joining the organization will have on each individual. Then, along with active members, we broke off into breakout rooms on Zoom in order to spend time talking to each individual candidate about any questions they may have had about TBP.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

This allowed us to reach out to new people who may be interested in joining our organization, therefore improving the greater community surrounding the chapter as described by the Community/Liberal Culture option. Expanding the amount of active participants in the organization will allow us to continue growing the membership community and thus expand our outreach.

iii. Organization and Administration

The main responsibility for this project was on the Vice President - Internal of the chapter. He had to organize the date and time of each informational session and be in attendance. Additionally, he led the presentation and thus had to be knowledgeable about TBP. The other officers in attendance were responsible for being the main starters of conversation in the breakout rooms, so they also had to be passionate about TBP.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

There were no costs associated with this project.

vi. **Special Problems Encountered**

There were no special problems that occurred during this project.

vii. **Overall Evaluation**

This info session was the best out of all the info sessions that we held this semester. There were 20 prospective candidates at this info session, which meant that there were a lot more people to talk to, which is always exciting. Most of the potential candidates also ended up deciding to become an actual candidate, which is great because we had been worried about our membership numbers prior to this meeting.

10 Frisbee Social

Texas Alpha

1. Project Information

- i. Date(s): 09/09/21
- 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	6
Electees	2

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

- i. **General Description**

This was a social for candidates and actives to come together outside and relax with some frisbee throwing.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This social, hosting officers, actives, and candidates, was held to foster a connection between the members of our Texas Alpha chapter.
- iii. **Organization and Administration**

This activity was organized by the social coordinators. Several frisbees were tossed in small groups for an hour, as according to the initial plan.
- iv. **Total Cost**

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

No cost required. 6 active members and 2 candidates attended, resulting in a successful meeting.
- vi. **Special Problems Encountered**

No problems arose.
- vii. **Overall Evaluation**

The social went according to plan. We will try to make the occurrence of the social more known so that more members will attend.

11 Fireside with Dr. Derek Haas

Texas Alpha

1. Project Information

- i. Date(s): 09/14/21
- 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	5
Electees	11

- v. Average number of hours per person spent:

Participating	Organizing
0.5	1.0

2. Project Evaluation

i. General Description

For this fireside, TBP members and candidates met with Dr. Derek Haas, an assistant professor in the Walker Department of Mechanical Engineering at UT Austin specializing in nuclear and radiation engineering. Dr. Haas started by giving a brief background to his work and career, including previous experience working at the Pacific Northwest National Laboratory. Following the introduction, the session opened to a Q&A discussion where students asked Dr. Haas various questions related to his work in radiation signature research, as well as professional career advice for seeking internships and undergraduate research opportunities.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

As with all faculty firesides, this event provided TBP members and candidates with the opportunity to meet with a faculty member in a casual setting, allowing students a window into the interesting and varied career of a current UT Austin engineering faculty member. The Q&A discussion also provided attendees with professional development tips for working and researching in the field of engineering.

iii. Organization and Administration

The event was planned by the chapter recording secretary, who reached out to Professor Haas via email following a tip received after a request for TBP member recommendations of interesting

faculty. A date was arranged, after which members and candidates were invited to sign up to attend. Given the transitory nature of the return to in-person activities while Covid-19 is an ongoing threat, this fireside was still held on Zoom (a meeting link was provided to attendees in advance). The recording secretary guided the general format of the conversation as necessary: introducing Dr. Haas once the fireside began, adding in additional questions or prompting questions from the audience during Q&A, and thanking Dr. Haas as the session wrapped up.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

N/A

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

This was an excellent first fireside of the Fall 2021 semester. Dr. Haas was an engaging speaker, interested in hearing about the attendees' experiences and thoughts on research and professional opportunities. He gave thoughtful answers to questions that ranged from nuclear research to professional career advice, and from the beginning wanted to have audience participation. Engagement from the audience reflected Dr. Haas's enthusiasm, and led to the fireside comfortably filling the full hour allotted.

12 Icebreaker Social

Texas Alpha

1. Project Information

- i. Date(s): 09/16/21
- 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	10
Electees	19

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

- i. **General Description**

An icebreaker social was conducted following the first general meeting to allow candidates, actives, and officers to meet each other.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This event aimed to foster the social spirit intrinsic to TBP. Building interpersonal relationships is an important skill and we aim to develop it with every event.
- iii. **Organization and Administration**

Tic-tac-toe print-outs were provided with prompts that encouraged everyone to mingle and spark a conversation.
- iv. **Total Cost**

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

With 29 participants, an apt amount of candidates/members were present to hold a successful social.
- vi. **Special Problems Encountered**

We made sure to encourage everyone to continue to wear masks as this was an indoor social.

vii. **Overall Evaluation**

This social was a great success with active members, officers, and candidates all coming together to speak to one another and get to know one another. Ideally socials will be held outside, so we may try to encourage more movement out of the room in the future.

13 General Meeting #1

Texas Alpha

1. Project Information

- i. Date(s): 09/16/21
- 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	33
Electees	38

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.0

2. Project Evaluation

i. General Description

This event was the first General Meeting of the Fall 2021 semester, and we executed this event in a hybrid format. As we utilize our General Meetings to update our members about upcoming events and to partner with a company, we invited Chevron to come to speak about their engineering programs and asked the Chevron company representatives to talk about why they have enjoyed working at Chevron. As for the planning of the event, we marketed the General Meeting through our weekly chapter newsletter as well as on our social media. This semester, to streamline the membership experience and to reduce the number of links we distribute, we have started a Linktree website for members to easily attend our online events! The General Meeting was very successful for the first large online event of the semester, and the company representatives had a great time as well!

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The purpose of this event to primarily to expose our members to professional opportunities within the chemical industry as engineers and to provide our members with a networking opportunity to connect with company representatives.

iii. Organization and Administration

The organization of the event was distributed amongst the event coordinators to fill out their

specific event updates, while the planning of the overall event was brainstormed by the entire officer team, but executed by the executive officers. Our Vice President External secured the partnership with Chevron so that we could have company representatives speak at the event, while the Vice President Internal led the virtual meeting. The rest of the officer team primarily aided in handling technical issues, engaging with our members, and ensuring that the contents of the General Meeting were complete.

iv. **Total Cost**

\$500.0

v. **Cost Breakdown**

The only expense that we had was paying for the food for the in-person portion of the event.

vi. **Special Problems Encountered**

We ran into a problem when it comes to connecting with the Chevron representative, who was attending virtually. However, we eventually worked it out and Chevron will come and speak again at our third general meeting!

vii. **Overall Evaluation**

The General Meeting was overall a very successful event. We reached our goals to still continue operations this semester despite the circumstances. We were able to effectively communicate with our members through the online Zoom platform as well as in-person, and the Chevron representatives informed us about their professional opportunities in a fun and engaging manner. In the future, we could increase membership engagement through Breakout Rooms. Additionally, to achieve better results, we could explore requiring video for all of our members to create a more "full" environment virtually while also providing a welcome atmosphere for those who came in person.

14 Hiking Social

Texas Alpha

1. Project Information

i. Date(s): 09/18/21

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	7
Electees	14

v. Average number of hours per person spent:

Participating	Organizing
2.0	2.0

2. Project Evaluation

i. General Description

This was a hiking social at Zilker Park. Participants drove to the hiking trailhead north of Lake Austin and walked over to Zilker. There, they hiked to the lookout point in the nature preserve before hiking back.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

This project achieves the social mission of TBP. This was an opportunity for members and electees in this chapter of TBP to socialize in a non-academic setting.

iii. Organization and Administration

This social was organized by polling the active members and electees of the chapter and organizing the participants into groups. These groups were driven to Zilker by volunteers within the chapter. Once there, the whole group walked to Zilker park together.

iv. Total Cost

\$0.0

v. Cost Breakdown

N/A

vi. **Special Problems Encountered**

During the social, the wrong parking address was given out which caused a lot of confusion all around. Additionally, the football game required a change of plans at the meeting place which added further confusion.

vii. **Overall Evaluation**

Overall the social was fun. However, it could have been better executed. In the future, we will better organize carpooling ahead of time, pick a meeting place that doesn't coincide with other major events occurring on campus, and double-check the parking information.

15 UT Microfarm

Texas Alpha

1. Project Information

- i. Date(s): 09/19/21
- 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	10
Electees	10

- v. Average number of hours per person spent:

Participating	Organizing
2.0	3.0

2. Project Evaluation

i. General Description

We volunteered at the UT Microfarm, a student-run farm located in downtown Austin. The week we volunteered, the organization was planting its fall plants. We were divided into two teams that switched responsibilities halfway through to give everyone an opportunity to plant. The first activity was planting, mulching, and watering the rows of crops. The other activity was helping with weeding and general maintenance of the farm.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

One of our core values is to serve, so the service that candidates complete is an important aspect of their candidacy and the service that actives do allows them to help improve their community and continue being active members.

iii. Organization and Administration

The registering, sign-ups, and transportation were planned by the Service Coordinators. We first reached out to the UT Microfarm for available dates and then registered a time for the group to volunteer. Then, we announced the event and posted a sign-up to get the number of people who were interested in volunteering. Lastly, we organized rides and ensured we had enough spots to arrive on time for the event.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

There were no associated costs and the event had a sufficient amount of volunteers attend.

vi. **Special Problems Encountered**

As this was our first service event of the semester and was only a couple days after after our first GM, I had only registered TBP for 15 spots at the event. We received much more interest than I had anticipated with the short notice, so we had more people sign-up than we initially had spots for. Luckily, the UT Microfarm had available spots left and was very accommodating with our increase in attendance.

vii. **Overall Evaluation**

This project was a success as we had a large turnout and it allowed many members to get started on their requirements early in the semester. This event also helped us gauge how much interest there was in attending in-person service events, as this was our first return from the virtual setting.

16 Fireside with Dr. Carolyn Seepersad

Texas Alpha

1. Project Information

- i. Date(s): 09/21/21
- 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	5
Electees	7

- v. Average number of hours per person spent:

Participating	Organizing
0.5	1.0

2. Project Evaluation

i. General Description

For this fireside, TBP members and candidates met with Dr. Carolyn Seepersad, a professor in the Walker Department of Mechanical Engineering at UT Austin specializing in computational tools for engineering design and additive manufacturing. Dr. Seepersad started by giving a brief background on her academic career, including her experience as a Rhodes Scholar. Following the introduction, the session opened to a Q&A discussion where students asked Dr. Seepersad various questions related to her work in additive manufacturing, as well as graduate school advice and the experience of studying at a university abroad.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

As with all faculty firesides, this event provided TBP members and candidates with the opportunity to meet with a faculty member in a casual setting, allowing students a window into the interesting and varied career of a current UT Austin engineering faculty member. The Q&A discussion also provided attendees with professional development tips for graduate school.

iii. Organization and Administration

The event was planned by the chapter recording secretary, who reached out to Professor Seepersad via email, as she is one of our chapter sponsors. A date was arranged, after which members and candidates were invited to sign up to attend. Given the transitory nature of the return

to in-person activities while Covid-19 is an ongoing threat, this fireside was still held on Zoom (a meeting link was provided to attendees in advance). The recording secretary guided the general format of the conversation as necessary: introducing Dr. Seepersad once the fireside began, adding in additional questions or prompting questions from the audience during Q&A, and thanking Dr. Seepersad as the session wrapped up.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

N/A

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

This was another good Fall '21 fireside. Dr. Seepersad was an engaging speaker and was more than willing to pull up a PowerPoint during Q&A with photos to discuss various projects that were being carried out in the UT additive manufacturing labs. She engaged members on the topic of graduate school and gave insight into the experience of operating in a foreign academic system with different methods of teaching and testing. The overall engagement was high, and the session took the full hour allotted.

17 Skribbl.io Social

Texas Alpha

1. Project Information

- i. Date(s): 09/21/21
- 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	11

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

- i. **General Description**

This was a social where members and candidates played skribbl.io online over zoom.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

Like all other socials, this social was designed to increase the camaraderie of TBP members.
- iii. **Organization and Administration**

The participants were asked to join a zoom call at a specified time and then proceeded to the same skribbl.io room where they played the game for an hour.
- iv. **Total Cost**

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

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

None were encountered
- vii. **Overall Evaluation**

Overall this was a pretty standard online social.

18 Painting Social

Texas Alpha

1. Project Information

- i. Date(s): 09/24/21
- 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	8

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.0

2. Project Evaluation

- i. **General Description**

This was a social where TBP members and electees came together and painted under the shade of the bleachers near the UT Tower. The organization purchased and brought paints for all the participants to use. During the event the electees and members painted while listening to music.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This social promotes positive chapter camaraderie and creativity.
- iii. **Organization and Administration**

The Social Coordinators purchased and brought the paints and submitted the receipt to the Treasurer for reimbursement. We also organized a set of images and pictures to use as inspiration for the participants. Water for the paints was brought over from a nearby building and dumped into the dirt once the social was over.
- iv. **Total Cost**

\$46.72
- v. **Cost Breakdown**

Canvasses for every member who signed up, five paint bottles (black, white, yellow, blue, red), and a pack of paintbrushes were purchased.

vi. **Special Problems Encountered**

During that day, the UT Presidential Inauguration Ceremony's aftermath was in full swing, creating a lot of noise from the dismantling process. This made it slightly difficult for people to find the social and was in general not ideal.

vii. **Overall Evaluation**

This was definitely one of the best socials held this year. It promoted a lot of good engagement from the electees and it allowed everyone to showcase their creative talents.

19 Tau Bate Talk - Dr. Charles Kuehmann

Texas Alpha

1. Project Information

- i. Date(s): 09/26/21
- 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	6
Electees	1

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

- i. **General Description**

TBP Nationals held this event, where Dr. Charles Kuehmann described the growing field of computational materials engineering and how the integration of engineering disciplines shaped his career within SpaceX and Tesla.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This activity fostered professional development through learning applications of engineering principles.
- iii. **Organization and Administration**

We shared the TBP nationals link with members in the newsletters and the meetings.
- iv. **Total Cost**

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

The Director of Professional Development attended in order to account for active and candidate attendance at the event.
- vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

This informative talk was very inspiring because of the useful methods and applications Dr. Kuehmann described which members can use to spark their own interest in computational materials.

20 LBJ Wildflower Center

Texas Alpha

1. Project Information

- i. Date(s): 09/26/21
- 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	8

- v. Average number of hours per person spent:

Participating	Organizing
2.0	3.0

2. Project Evaluation

i. General Description

We volunteered at the LBJ Wildflower Center, an organization that helps with the conservation of native plants and sustainable ecosystems. We volunteered to help them with some prep work for their Fall Native Plant Sale. We aided in the plant sale and created boxes to allow the customers to transport their plants.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

One of our core values is to serve, so the service that candidates complete is an important aspect of their candidacy and the service that actives do allows them to help improve their community and continue being active members.

iii. Organization and Administration

The registering, sign-ups, and transportation were planned by me. We contacted the LBJ Wildflower Center for available dates and they responded that they need volunteers very soon. We then announced the event to our organization and posted a sign-up to get the number of people who were interested in volunteering. Lastly, we organized rides and ensured we had enough spots and left early enough to arrive on time to the event.

iv. Total Cost

\$0.0

v. **Cost Breakdown**

There were no associated costs and the event had a sufficient amount of volunteers attend.

vi. **Special Problems Encountered**

We had reached out to the LBJ Wildflower and they had responded that they needed volunteers immediately that next weekend. This left us with less time than usual to announce the event and allow for people to sign up. However, we were still able to get a decent amount of volunteers by reaching out to the members through multiple modes of communication and encouraging them to sign up throughout the week.

vii. **Overall Evaluation**

This project was a success. We were able to bring a lot of our electees to help them complete their requirements even on a short notice.

21 Codenames Social

Texas Alpha

1. Project Information

i. Date(s): 09/27/21

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	6

v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

i. General Description

The Codenames social was a zoom social where participants played codenames, a social party game where players try to guess words using clues given by a "spymaster", at the website codenames.game.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

This social promoted positive interaction among members of the organization.

iii. Organization and Administration

The zoom link for the social was sent out to members and candidates two weeks in advance. When the time of the social arrived, everyone joined the zoom call and went to the website codenames.game where the social coordinator set up a codenames room. Then, we played codenames for an hour.

iv. Total Cost

\$0.0

v. Cost Breakdown

There was no cost associated with this event.

vi. **Special Problems Encountered**

Some of the participants didn't know how to play codenames. Perhaps sending out a set of rules in advance would have been a good idea.

vii. **Overall Evaluation**

This was a pretty standard online social. Compared to some of our in-person socials this semester, it wasn't as engaging, but it was also not that bad either.

22 Engineering Futures - Getting Great Recommendations: How to Ask for Strong Letters of Support

Texas Alpha

1. Project Information

- i. Date(s): 09/28/21
- 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	7
Electees	1

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

- i. **General Description**

TBP nationals held this virtual presentation through the Engineering Futures program, where attendees learned the important criteria for requesting a high-quality recommendation letter when applying for jobs or for graduate school.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This activity allowed members to bolster their profiles for applications through improving their references.
- iii. **Organization and Administration**

We shared the nationals registration information with chapter members.
- iv. **Total Cost**

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

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

N/A

vii. **Overall Evaluation**

The presentation was very thorough and helpful when it comes to navigating the sometimes intimidating world of recommendation letters.

23 Fireside with Dr. Kara Kockelman

Texas Alpha

1. Project Information

- i. Date(s): 09/29/21
- 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	6

- v. Average number of hours per person spent:

Participating	Organizing
0.5	1.5

2. Project Evaluation

i. General Description

For this fireside, TBP members and candidates met with Dr. Kara Kockelman, a professor in the Department of Civil, Architectural, and Environmental Engineering at UT Austin specializing in shared autonomous vehicles, traffic safety and demand, and energy and greenhouse emissions. Dr. Kockelman started by giving a brief background on her academic career, including her experience volunteering for two years in the Peace Corps. Following that introduction she gave an overview of the future of autonomous vehicles and city infrastructure. Afterwards the session opened to a Q&A discussion where students asked Dr. Kockelman various questions related to her research, city design for efficient movement, and risks/opportunities of autonomous vehicles.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

As with all faculty firesides, this event provided TBP members and candidates with the opportunity to meet with a faculty member in a casual setting, allowing students a window into the interesting and varied career of a current UT Austin engineering faculty member. The Q&A discussion also provided attendees with a chance to ask questions on topics of interest related to the discussion.

iii. Organization and Administration

The event was planned by the chapter Recording Secretary, who reached out to Professor Kockelman via email, as she is one of our chapter sponsors. A date was arranged, after which

members and candidates were invited to sign up to attend. The recording secretary worked with the Vice President of Operations to order and purchase food for the meeting. This fireside was held in-person in a classroom on campus. Following the Q&A, the group moved outside to continue the discussion over a light dinner. The recording secretary guided the general format of the conversation as necessary: introducing Dr. Kockelman once the fireside began, adding in additional questions or prompting questions from the audience during Q&A, and thanking Dr. Kockelman at the end of the event.

iv. **Total Cost**

\$99.98

v. **Cost Breakdown**

Food was purchased for the attendees.

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

This was a great first in-person Fall '21 fireside. Dr. Kockelman was an engaging speaker, and was more than willing to share her opinions and thoughts on the future of transportation engineering. She spoke to her original motivation to get into transportation engineering, which was a desire to make an impact on society for the better. She was then kind enough to stay an extra 30 minutes to chat some more with the remaining TBP members and candidates over dinner. Overall engagement was high, and the session exceeded the full hour allotted.

24 General Meeting #2

Texas Alpha

1. Project Information

- i. Date(s): 09/30/21
- 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	34
Electees	32

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.0

2. Project Evaluation

i. General Description

This event was the second General Meeting of the Fall 2021 semester, and we executed this event in a hybrid format. As we utilize our General Meetings to update our members about upcoming events and to partner with a company, we invited Texas Instruments to speak about their engineering programs and opportunities, as well as their personal experiences working for TI. As for the planning of the event, we marketed the General Meeting through our weekly chapter newsletter as well as on our social media.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The purpose of this event to primarily to expose our members to professional opportunities within the industry as engineers and to provide our members with a networking opportunity to connect with company representatives. We also ensured that attendees were made aware of all events that are being conducted by our chapter.

iii. Organization and Administration

The organization of the event was distributed amongst the event coordinators to fill out their specific event updates, while the planning of the overall event was brainstormed by the entire officer team, but executed by the executive officers. Our Vice President External secured the partnership with TI so that we could have company representatives speak at the event, while

the Vice President Internal led the virtual meeting. The rest of the officer team primarily aided in handling technical issues, engaging with our members, and ensuring that the contents of the General Meeting was complete.

iv. **Total Cost**

\$500.0

v. **Cost Breakdown**

The only expense that we had was paying for the food for the in-person portion of the event.

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

The General Meeting was overall a very successful event. We reached our goals to still continue operations this semester despite the circumstances. We were able to effectively communicate with our members through the online Zoom platform as well as in-person, and the TI representatives informed us about their professional opportunities in a fun and engaging manner. In the future, we could increase membership engagement through Breakout Rooms.

25 Jeopardy! Social

Texas 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	4
Electees	9

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.0

2. Project Evaluation

i. General Description

This was a Jeopardy! social held in conjunction with Omega Chi Epsilon, the chemical engineering honors society. Each organization's team took turns picking a question from the Jeopardy! board and answering the associated question. After all the normal Jeopardy! questions were utilized, each team wagered an amount and answered a final Jeopardy! question.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

This social promoted positive interactions between members of the organization. Additionally, TBP was able develop connections with OXE.

iii. Organization and Administration

This event was jointly organized by the social officers of TBP and OXE. The social officers used a Jeopardy! template with a bunch of slides that were linked together. Then they came up with a bunch of questions for each round, as well as a final question.

iv. In Conjunction With

Omega Chi Epsilon

v. Total Cost

\$0.0

vi. **Cost Breakdown**

N/A

vii. **Special Problems Encountered**

N/A

viii. **Overall Evaluation**

This was a great social event! The energy at in person events is just incomparable to online events. The social was a lot of fun, although people can get a little heated over questions, so we need to ensure the accuracy of the answers to each question. In addition, the National Parks category was too hard, so having some sort of play test to get those kinks out of the questions would be great.

26 Fireside with Dr. Kenneth Diller

Texas 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	8
Electees	9

- v. Average number of hours per person spent:

Participating	Organizing
0.5	1.0

2. Project Evaluation

i. General Description

For this fireside TBP members and candidates met with Dr. Kenneth Diller, a professor in the Biomedical Engineering Department at UT Austin specializing in human thermoregulation and thermal treatments. Dr. Diller started by giving a brief background on his academic career, including his history as founding chair of the BME department. Following the introduction, the session opened to a Q&A discussion where students asked Dr. Diller various questions related to his work, including heat treatments for better sleep and the subsequent impact on high-blood pressure.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

As with all faculty firesides, this event provided TBP members and candidates with the opportunity to meet with a faculty member in a casual setting, allowing students a window into the interesting and varied career of a current UT Austin engineering faculty member. The Q&A discussion also provided attendees with a chance to ask questions on topics of interest related to the discussion.

iii. Organization and Administration

The event was planned by the chapter Recording Secretary, who reached out to Professor Diller via email. A date was arranged, after which members and candidates were invited to sign up

to attend. Given the transitory nature of the return to in-person activities while Covid-19 is an ongoing threat, this fireside was still held on Zoom (a meeting link was provided to attendees in advance). The recording secretary guided the general format of the conversation as necessary: introducing Dr. Diller once the fireside began, adding in additional questions or prompting questions from the audience during Q&A, and thanking Dr. Diller as the session wrapped up.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

N/A

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

This was another good Fall '21 fireside. Dr. Diller has a fascinating history with UT Austin, having taught here for 49 years. In that time he was heavily involved in the creation of an undergraduate BME program, and became the founding chair of the department. He engaged members on questions related to medical treatments he has researched, explaining the concepts in terms general enough to be understood by the gathered cohort of diverse engineering disciplines. Overall turnout and engagement was high, and the session took the full hour allotted.

27 Sig Block Social

Texas 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	8
Electees	20

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

- i. **General Description**

This event brought candidates and officers together to help candidates complete their signature blocks. The signature blocks are a chapter tradition that allow candidates to meet active members, the officers, and the chapter advisors.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This event helped the officers and candidates get to know each other.
- iii. **Organization and Administration**

We just chose a time at which the most officers were available simultaneously to maximize the number of signatures the candidates could get. We also chose the place, the east side of the EER. That was chosen since it was a nice open area with chairs for people to place their bags.
- iv. **Total Cost**

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

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

None were encountered

vii. **Overall Evaluation**

This social served its purpose. Plenty of candidates came and they were able to get their signatures.

28 Engineering Futures - Leading the Change: Diversity and Inclusion

Texas Alpha

1. Project Information

- i. Date(s): 10/05/21
- 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	5
Electees	1

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

- i. **General Description**

TBP nationals held this virtual presentation through the Engineering Futures program, where attendees learned to identify, reflect upon, and engage with diverse perspectives to build relationships and improve environments.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This activity allowed members to see the benefits of diversity and how to function well in a diverse environment.
- iii. **Organization and Administration**

We shared the nationals registration information with chapter members.
- iv. **Total Cost**

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

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

N/A

vii. **Overall Evaluation**

This was a very practical presentation over increasingly relevant topics, considering the globalization of the present, that is sure to boost our interpersonal skills.

29 TBP Burger Burn #1

Texas Alpha

1. Project Information

i. Date(s): 10/07/21

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	11
Electees	11

v. Average number of hours per person spent:

Participating	Organizing
3.0	1.5

2. Project Evaluation

i. General Description

The Burger Burn is our longstanding fundraising event, where we grill and sell burgers, hot dogs, drinks, and chips to passersby from early morning to early afternoon.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The Burger Burn raises money for TBP (used for such expenditures as chapter scholarships) and is the best publicity TBP has since a lot of people stop by the Burger Burn.

iii. Organization and Administration

It was organized at the beginning of September with UT Austin's Environmental Health and Safety Services, Fire Prevention Services, and The Dean of Students' Office.

iv. Total Cost

\$400.0

v. Cost Breakdown

The cost of running the Burger Burn was about \$400 from Tau Beta Pi's UFCU checking account. No personal reimbursements were required.

vi. **Special Problems Encountered**

Since this was the first Burger Burn in about 2 years, a lot of equipment had to be replaced and there were new costs due to maintenance.

vii. **Overall Evaluation**

The Burger Burn ran smoothly, and we made approximately \$30 in profit.

30 Fish Family Meeting #1

Texas Alpha

1. Project Information

- i. Date(s): 10/07/21
- 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	2
Electees	8

- v. Average number of hours per person spent:

Participating	Organizing
0.5	1.0

2. Project Evaluation

- i. **General Description**

This was the first meeting of this year's Fish Family. We introduced ourselves to each other and planned for the Family dress-up day.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This social allowed the members of the family to get to know each other better.
- iii. **Organization and Administration**

We sent out a whenisgood form for the candidates to fill out to pick an appropriate time. Then we picked the time that had the most free candidates. We picked an easily accessible place on campus (in front of the CPE) to hold the social.
- iv. **Total Cost**

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

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

None were encountered
- vii. **Overall Evaluation**

This meeting was really successfully. 8/9 of the candidates were able to come and all those that said they were available stopped by which was great.

31 Mammals Family Meeting #1

Texas Alpha

1. Project Information

- i. Date(s): 10/07/21
- 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	5
Electees	6

- v. Average number of hours per person spent:

Participating	Organizing
0.1	1.0

2. Project Evaluation

- i. **General Description**

The meeting focused on picking a costume for family dress-up day at the following week's general meeting. There were some smaller items also handled at the meeting, such as getting signatures for candidates' sig blocks.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

The meeting allowed candidates to fulfill one of their membership requirements, and it allowed members to know each other better, promoting social elements of the chapter.
- iii. **Organization and Administration**

The meeting was led by the officers in the family.
- iv. **Total Cost**

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

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

We had to find a room with a computer and projector in order to search for costumes as a group, which took some time but was eventually resolved.

vii. **Overall Evaluation**

The meeting took a bit longer than expected but was successful in its primary goals. The only major area for improvement is ensuring that candidates who could not attend this meeting are able to attend future family meetings.

32 Board Game Social

Texas 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	5
Electees	7

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.5

2. Project Evaluation

- i. **General Description**

We played a variety of board games together.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This event, much like all the other socials, increased the feeling of community among the actives and candidates in TBP.
- iii. **Organization and Administration**

We picked a good time and place to hold the social. We picked CPE in particular since some of the rooms have long flat tables which are conducive to playing board games. The Social Coordinators brought some board games from their homes and some that were being stored in the TBP office.
- iv. **Total Cost**

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

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

None were encountered

vii. **Overall Evaluation**

This was definitely one of the more fun socials. One of the candidates brought Coup which a lot of people had fun with. Going into the future, we should have a set of social party games such as Coup, One Night Ultimate Werewolf, etc since the members and candidates seem to really enjoy those.

33 Reptile Family Meeting #1

Texas Alpha

1. Project Information

- i. Date(s): 10/10/21
- 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	6
Electees	7

- v. Average number of hours per person spent:

Participating	Organizing
0.3	0.8

2. Project Evaluation

i. General Description

The meeting focused on picking a costume and theme for the Family Dress-Up Day. We also took the opportunity to discuss outstanding candidate requirements, plan any future family meetings and events, and any questions the candidates may have had about their bent and other items. The meeting was held on Zoom for convenience.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The family meetings serve as a way for the family members to get to know each other while contributing to a family-specific project. The meeting also allowed candidates to fulfill one of their membership requirements.

iii. Organization and Administration

The family officers for the Reptile Family worked with the candidates and active members in the family to decide on a suitable time for the meeting. As mentioned previously, the meeting took place over Zoom.

iv. Total Cost

\$0.0

v. **Cost Breakdown**

There were enough attendees for this meeting to qualify as a family meeting, namely >5 candidates and >2 active members.

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

The meeting was productive, and we were able to brainstorm a fun yet feasible idea for the Dress-Up day. We were also able to schedule some future family meetings and possible socials, as well as discuss candidate requirements with the electees.

34 Sig Block Social #2

Texas Alpha

1. Project Information

- i. Date(s): 10/12/21
- 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	14
Electees	22

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

- i. **General Description**

This event brought candidates and actives together to help the candidates complete their signature blocks.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

Much like all the other social events, this one helped members and candidates get to know each other better.
- iii. **Organization and Administration**

Like the last sig block social, a poll was sent to the officers to maximize turnout. Additionally, we tried to pick a time where a lot of officers who weren't available at the last social could show up.
- iv. **Total Cost**

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

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

None were encountered

vii. **Overall Evaluation**

This social was much more successful than the last one. We struggled to bring out actives who were not officers at the last social. This time, more actives came out through a combination of the availability of snacks, a general call to actives to attend, and messages to individual actives we were close with.

35 Fish Family Meeting #2

Texas Alpha

1. Project Information

- i. Date(s): 10/12/21
- 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	2
Electees	6

- v. Average number of hours per person spent:

Participating	Organizing
1.0	2.0

2. Project Evaluation

- i. **General Description**

This was a meeting between the members of Fish Family to make costumes for Family Dress-Up Day.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This allowed us to build social connections between members of the family.
- iii. **Organization and Administration**

A whenisgood form was sent out to coordinate a good time for the family meeting. Additionally, certain members brought the supplies needed to make costumes.
- iv. **Total Cost**

\$10.0
- v. **Cost Breakdown**

\$10 for two gray spray paint cans. One member brought a bunch of cardboard boxes and another brought supplies like scissors and paper.
- vi. **Special Problems Encountered**

None
- vii. **Overall Evaluation**

This was a good family meeting.

36 Uno Social

Texas Alpha

1. Project Information

i. Date(s): 10/13/21

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	4

v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

i. General Description

This was a social where members of TBP played Uno online over a zoom call.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

Like all other socials, this promotes the social atmosphere of TBP by increasing the amount of time candidates can interact with each other and actives.

iii. Organization and Administration

Candidates and actives joined a zoom room at a specified time where they proceeded to play online Uno with each other.

iv. Total Cost

\$0.0

v. Cost Breakdown

N/A

vi. Special Problems Encountered

None were encountered

vii. **Overall Evaluation**

Overall this was a pretty standard online social. In general, online socials seem to have lesser attendance and engagement than in-person socials. We decided to implement an online option for those that couldn't make it in-person for personal or health reasons, but all the attendees of this social have been to an in-person social, so we may lessen the number of these in the future.

37 Fireside with Professor Larry Speck

Texas Alpha

1. Project Information

- i. Date(s): 10/13/21
- 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	10
Electees	16

- v. Average number of hours per person spent:

Participating	Organizing
0.5	1.0

2. Project Evaluation

i. General Description

For this fireside, TBP members and candidates met with Professor Larry Speck, a professor in the School of Architecture at UT Austin and practicing architect at Page. Prof. Speck immediately opened the fireside to a Q&A format, and attending members asked various questions regarding his career and architecture in general, including architecture at UT specifically.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

As with all faculty firesides, this event provided TBP members and candidates with the opportunity to meet with a faculty member in a casual setting, allowing students a window into the interesting and varied career of a current UT Austin engineering faculty member. The Q&A discussion provided attendees with a chance to ask questions on topics of interest related to the discussion.

iii. Organization and Administration

The event was planned by the chapter recording secretary, who reached out to Professor Speck via email and during a visit to officer hours. A date was arranged, after which members and candidates were invited to sign up to attend. The recording secretary worked with the Vice President of Operations to order and purchase food for the meeting. This fireside was held in-person in a classroom on campus. The recording secretary guided the general format of the

conversation as necessary: introducing Prof. Speck once the fireside began, adding in additional questions or prompting questions from the audience during Q&A, and thanking Prof. Speck at the end of the event.

iv. **Total Cost**

\$197.78

v. **Cost Breakdown**

Food was purchased for the attendees.

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

This was our largest fireside of the Fall '21 semester thus far, likely due to Prof. Speck's popularity. Multiple attendees had previously taken Speck's large UT Austin lecture course entitled Architecture and Society. Prof. Speck was more than willing to share stories from his career, as well as his perspective and thoughts on architecture. Overall engagement was high, and the Q&A-style session filled the full hour allotted.

38 General Meeting #3

Texas Alpha

1. Project Information

- i. Date(s): 10/14/21
- 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	29
Electees	31

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.0

2. Project Evaluation

i. General Description

This event was the third General Meeting of the Fall 2021 semester, and we executed this event in a hybrid format. As we utilize our General Meetings to update our members about upcoming events and speak about our policies, we had a meeting discussing the organization. Instead of a corporate representative, we presented on some safety and campus protocol aspects that UT requires organizations to inform their members about. As for the planning of the event, we marketed the General Meeting through our weekly chapter newsletter as well as on our social media.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The purpose of this event was primarily to expose our members to safety and other campus policies for the organization.

iii. Organization and Administration

The organization of the event was distributed amongst the event coordinators to fill out their specific event updates, while the planning of the overall event was brainstormed by the entire officer team, but executed by the executive officers. The Vice President Internal led the virtual meeting. The rest of the officer team primarily aided in handling technical issues, engaging with our members, and ensuring that the contents of the General Meeting was complete.

iv. **Total Cost**

\$500.0

v. **Cost Breakdown**

The only expense that we had was paying for the food for the in-person portion of the event.

vi. **Special Problems Encountered**

There were no problems with the event.

vii. **Overall Evaluation**

The General Meeting was overall a very successful event. We reached our goals to still continue operations this semester despite the circumstances. We were able to effectively communicate with our members through the online Zoom platform as well as in-person. Additionally, to achieve better results, we could explore requiring video for all of our members to create a more "full" environment virtually while also providing a welcome atmosphere for those who came in person.

39 Halloween Movie Social

Texas Alpha

1. Project Information

- i. Date(s): 10/15/21
- 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	5
Electees	8

- v. Average number of hours per person spent:

Participating	Organizing
2.0	2.0

2. Project Evaluation

- i. **General Description**

This was a Halloween movie social in which members ate candy and watched The Nightmare Before Christmas.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

Like all socials, this improved the comradery between members of TBP.
- iii. **Organization and Administration**

Attendees were asked for their movie preference and favorite candy. This data was used to choose the most popular movie and purchase candy from HEB.
- iv. **Total Cost**

\$40.0
- v. **Cost Breakdown**

A bunch of candy, popcorn, and juice boxes were bought for the event.
- vi. **Special Problems Encountered**

N/A
- vii. **Overall Evaluation**

This was a good social. It provided an opportunity for people to enjoy a movie, or catch up on work if that was needed.

40 Tetris Social

Texas Alpha

1. Project Information

- i. Date(s): 10/18/21
- 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	3

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

- i. **General Description**

This was a social where people played Tetris online at the website tetr.io.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

Like all the other socials, this helped increase the social cohesion between TBP members.
- iii. **Organization and Administration**

A zoom call was set up along with a tetr.io room.
- iv. **Total Cost**

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

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

N/A
- vii. **Overall Evaluation**

This was a pretty standard online social. Additionally, the disparity in people's skills in Tetris may have made the social more fun for some than others.

41 Engineering Futures - Smart Strategies for Managing Debt

Texas 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	9
Electees	1

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

- i. **General Description**

TBP nationals held this virtual presentation through the Engineering Futures program, where attendees learned about different types of debt and how we can adjust our financial strategies to plan for debt.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This activity allowed members to gain insight into an important financial topic.
- iii. **Organization and Administration**

We shared the nationals registration information with chapter members.
- iv. **Total Cost**

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

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

N/A
- vii. **Overall Evaluation**

This was a very practical presentation which gave specific information about debts and tips to improve our financial standing.

42 TBP Burger Burn #2

Texas Alpha

1. Project Information

- i. Date(s): 10/21/21
- 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	18
Electees	5

- v. Average number of hours per person spent:

Participating	Organizing
3.0	1.5

2. Project Evaluation

- i. **General Description**

The Burger Burn is our longstanding fundraising event, where we grill and sell burgers, hot dogs, drinks, and chips to passersby from early morning to early afternoon.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

The Burger Burn raises money for TBP (used for such expenditures as scholarships) and is the best publicity TBP has since a lot of people stop by the Burger Burn.
- iii. **Organization and Administration**

It was organized at the beginning of September with UT Austin's Environmental Health and Safety Services, Fire Prevention Services, and The Dean of Students' Office.
- iv. **Total Cost**

\$280.0
- v. **Cost Breakdown**

The cost of running the Burger Burn was about \$280 from Tau Beta Pi's UFCU checking account. No personal reimbursements were required.
- vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

The Burger Burn ran smoothly, and we made approximately \$10 in profit. The location, date, or time of future events could be adjusted to improve the amount of customers that pass by our Burger Burn and choose to buy an item.

43 Family Day

Texas Alpha

1. Project Information

- i. Date(s): 10/23/21
- 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	8
Electees	10

- v. Average number of hours per person spent:

Participating	Organizing
3.0	1.0

2. Project Evaluation

- i. **General Description**

We organized an inter-family competition where we played field day events with members of the organization in order to earn points for their families.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

The purpose of this inter-family competition is to encourage interactions within families in the hopes of fostering friendship and camaraderie between candidates and current members.
- iii. **Organization and Administration**

The Vice President Internal and Candidate Secretary prepared the day before by going around to different retail stores for supplies such as tug of war rope and potato sacks for the potato sack race. We also purchased snacks and drinks to be consumed during the event. During the day of the event, we set up the activities beforehand and then made sure the rules were followed throughout.
- iv. **Total Cost**

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

N/A

vi. **Special Problems Encountered**

There was difficulty when it came to finding some of the materials we needed for the event, but we were eventually able to find the materials or substitutes that were also suitable.

vii. **Overall Evaluation**

Overall, the event could've been planned a little bit better. Something that we can do in the future is plan ahead and purchase the materials before the day before the event. We could also do a better job advertising the event beforehand so that more people can come. Other than that, the actual administration of the event went well.

44 Kayaking Social

Texas Alpha

1. Project Information

- i. Date(s): 10/24/21
- 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	7
Electees	10

- v. Average number of hours per person spent:

Participating	Organizing
2.0	2.0

2. Project Evaluation

- i. **General Description**

TBP members went to the Texas Rowing Center (TRC) and kayaked for a couple hours.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

Like other socials, this was designed to provide a fun activity for TBP members to do together.
- iii. **Organization and Administration**

TRC was contacted ahead of time to organize a group event. Members were asked to sign up for the social two weeks in advance and the sign ups were capped at 20. Additionally members were organized into cars by how many individuals they could each take.
- iv. **Total Cost**

\$270.0
- v. **Cost Breakdown**

The kayaks were rented from TRC at a rate of \$15 for two hours. TRC was contacted ahead of time and the organization was given a discount of two hours for the price of one.
- vi. **Special Problems Encountered**

N/A
- vii. **Overall Evaluation**

This was one of the best socials of the semester in terms of fun and organization. This is a definite repeat in future semesters.

45 Engineering Futures - Mastering Your Schedule and Tasks

Texas Alpha

1. Project Information

- i. Date(s): 10/25/21
- 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	6
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

- i. **General Description**

TBP nationals held this virtual presentation through the Engineering Futures program, where attendees learned how to revamp their planner and better balance the variety of tasks we will face in university and beyond.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This activity aided members with organization and time management, and therefore enables them to reach their potentials.
- iii. **Organization and Administration**

We shared the nationals registration information with chapter members.
- iv. **Total Cost**

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

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

N/A

vii. **Overall Evaluation**

This presentation was especially useful considering how we are still gaining independence in college. By providing members the steps to become more organized, we can better prepare for the future.

46 Fireside with Mr. Stephen Meserve

Texas Alpha

1. Project Information

- i. Date(s): 10/26/21
- 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	10
Electees	7

- v. Average number of hours per person spent:

Participating	Organizing
0.5	1.0

2. Project Evaluation

i. General Description

For this fireside TBP members and candidates met with Mr. Stephen Meserve, director of product marketing at Shippo and a Texas Alpha chapter advisor (and alumnus). Mr. Meserve started by giving a brief background on his career, and then provided the attendees with some general career advice along with firsthand insights on working in the private sector. The session then opened to a Q&A discussion where students asked Mr. Meserve various follow-up questions on career and undergraduate advice.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

This faculty fireside provided TBP members and candidates with the opportunity to meet with a practicing professional in a casual setting, allowing students a window into the career of a former UT Austin engineering student and TBP chapter member. The Q&A discussion provided attendees with a chance to ask additional questions regarding career advice.

iii. Organization and Administration

The event was planned by the chapter recording secretary, who reached out to Mr. Meserve via email. A date was arranged, after which members and candidates were invited to sign up to attend. Given the transitory nature of the return to in-person activities while Covid-19 is an ongoing threat, this fireside was still held on Zoom (a meeting link was provided to attendees in

advance). The recording secretary guided the general format of the conversation as necessary: introducing Mr. Meserve once the fireside began, adding in additional questions or prompting questions from the audience during Q&A, and thanking Mr. Meserve as the session wrapped up.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

N/A

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

The second-to-last fall '21 fireside was a success, especially since it provided a different perspective from the typical academia lineup. Mr. Meserve had multiple career experiences that he shared with the attending members, and shared a brief presentation that contained bits of advice from his network on "what advice did they wish they had when they university students?" Afterwards, a TBP member approached us and said how much he appreciated the insight he gained during the fireside, so direct feedback was positive. Overall turnout and engagement was high, and the session took the full hour allotted.

47 Bent Polishing Social #1

Texas 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	1
Electees	7

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

- i. **General Description**

This was a social where candidates polished their rough cast bent together.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This event helped candidates share the experience of polishing the bent.
- iii. **Organization and Administration**

A time and place was chosen for candidates to meet to polish their bents. Candidates were instructed to bring the necessary tools for polishing.
- iv. **Total Cost**

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

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

None were encountered
- vii. **Overall Evaluation**

This was a pretty standard bent polishing social.

48 TBP Burger Burn #3

Texas 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	11
Electees	5

- v. Average number of hours per person spent:

Participating	Organizing
3.0	1.5

2. Project Evaluation

- i. **General Description**

The Burger Burn is our longstanding fundraising event, where we grill and sell burgers, hot dogs, drinks, and chips to passersby from early morning to early afternoon.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

The Burger Burn raises money for TBP (used for such expenditures as scholarships) and is the best publicity TBP has since a lot of people stop by the Burger Burn.
- iii. **Organization and Administration**

It was organized at the beginning of September with UT Austin's Environmental Health and Safety Services, Fire Prevention Services, and The Dean of Students' Office.
- iv. **Total Cost**

\$200.0
- v. **Cost Breakdown**

The cost of running the Burger Burn was about \$200 from Tau Beta Pi's UFCU checking account. No personal reimbursements were required.
- vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

The Burger Burn ran smoothly, and we made approximately \$70 in profit.

49 10/28/2021 Actives Meeting #2

Texas 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	23
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

i. General Description

Our second and final "member" only meeting this semester. This meeting was held in person, but also streamed virtually via zoom. At this meeting, we did a character evaluation of each of our electees and held our vote to decide to let them in the chapter. All of our 36 electees were voted to be allowed to be initiated. We catered Cane's chicken tenders for dinner after the meeting. We also had a presentation of all our upcoming events and reminders.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The purpose of this event was primarily to vote on each electee's ability to join our chapter. It was also intended as a way to inform our members about the state of the chapter and to receive feedback from members about our current events/operations.

iii. Organization and Administration

The President organized the planning for the event. It was up to all the officers to update the presentation with information that they were in charge of. Our Vice President-Operations was in charge of ordering food for the meeting. The President hosted the meeting and presented the slides both in person and on zoom.

iv. Total Cost

\$270.52

v. **Cost Breakdown**

All of the cost was spent on food from Canes and vegetarian food from Jimmy Johns.

vi. **Special Problems Encountered**

It was tricky to host the meeting both in person and on zoom at the same time. We spent a while getting the technology set up beforehand. We overestimated how much food we needed, since some of the members only attended virtually and could not pick up food.

vii. **Overall Evaluation**

The meeting went well, and we had good turnout. The energy was better than the previous Actives meeting because it was later on in the semester and people had gotten the chance to meet the other members already.

50 Pumpkin Carving Social

Texas Alpha

1. Project Information

- i. Date(s): 10/29/21
- 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	6

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.0

2. Project Evaluation

- i. **General Description**

TBP members came together and carved/painted a bunch of pumpkins.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This fulfilled the same purpose as all the other socials, increasing the camaraderie between TBP members.
- iii. **Organization and Administration**

An outside location was chosen to hold the social.
- iv. **Total Cost**

\$40.0
- v. **Cost Breakdown**

The officers purchased a pumpkin for every individual coming to the social. Additionally, a bunch of knives for carving and spare paints for painting were brought as well.
- vi. **Special Problems Encountered**

No nearby store carried pumpkin carving supplies. Ordering them in advance might help next time.
- vii. **Overall Evaluation**

Overall this was another fun social due to the creative aspect it involved.

51 Mammals Family Meeting #2

Texas Alpha

1. Project Information

- i. Date(s): 10/29/21
- 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	4
Electees	6

- v. Average number of hours per person spent:

Participating	Organizing
0.1	1.0

2. Project Evaluation

- i. **General Description**

The meeting allowed family members to hang out and get to know each other better.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

The meeting allowed candidates to fulfill one of their membership requirements, and it allowed members to know each other better, promoting social elements of the chapter.
- iii. **Organization and Administration**

The meeting was led by the officers in the family.
- iv. **Total Cost**

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

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

It took a bit of coordination to find a time that worked for everyone who still needed credit for a family meeting, but all people who needed to be there were ultimately there.
- vii. **Overall Evaluation**

The meeting was a success; it achieved its main goal of ensuring all candidates have credit for a family meeting.

52 Zilker Botanical Garden

Texas Alpha

1. Project Information

- i. Date(s): 10/30/21
- 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	10

- v. Average number of hours per person spent:

Participating	Organizing
2.0	3.0

2. Project Evaluation

i. General Description

We volunteered at the Zilker Botanical Garden located in the heart of downtown Austin. During the service event we helped mulch, clear, and flatten an area that was under development, as well as weeding and trimming many of the beds throughout the garden

ii. Purpose and Relationship to Objectives of Tau Beta Pi

One of our core values of TBP is to serve the community. The service that candidates complete is an important aspect of their candidacy and the service that actives do allows them to help improve their community and continue being active members. Our help in maintaining the Garden allows it to continue to be enjoyed by visitors and bring improvements to the gardens.

iii. Organization and Administration

The registering, sign-ups, and transportation were planned by the Service Coordinators. We contacted the Zilker Botanical Garden for available dates and subsequently organized a time for us to attend. We then announced the event and posted a sign-up to get the number of people who were interested in volunteering. Lastly, we organized rides and ensured we had enough spots and left early enough to arrive on time to the event.

iv. Total Cost

\$0.0

v. **Cost Breakdown**

There were no associated costs and the event had a sufficient amount of volunteers attend.

vi. **Special Problems Encountered**

There was a slight delay in the officers' arrival time but we were able to coordinate with the other members to make sure the drivers left with sufficient time to get to the event.

vii. **Overall Evaluation**

Overall, this service event was a success. We had good attendance from our electees which ensures that they are completing their requirements before the end of the semester.

53 Bent Polishing Social #2

Texas Alpha

1. Project Information

- i. Date(s): 11/01/21
- 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	3
Electees	4

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

- i. **General Description**

This was a social where candidates polished their rough cast bent together.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This event helped candidates share the experience of polishing the bent, and helped them complete it.
- iii. **Organization and Administration**

A time and place was chosen for candidates to meet to polish their bents. Candidates were instructed to bring the necessary tools for polishing.
- iv. **Total Cost**

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

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

N/A
- vii. **Overall Evaluation**

This was a pretty standard bent polishing social. However, these should have been done earlier in the semester instead of close to the final deadline.

54 Engineering Futures - First Contact: Communicating with a Purpose

Texas Alpha

1. Project Information

- i. Date(s): 11/02/21
- 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	15
Electees	2

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

- i. **General Description**

TBP nationals held this virtual presentation through the Engineering Futures program, where attendees learned to better understand how networking can foster learning, invite collaborations, and unearth new opportunities.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This activity allowed members to gain an introduction to networking and how it helps open new job and work opportunities, and strategies to take advantage of new opportunities.
- iii. **Organization and Administration**

We shared the nationals registration information with chapter members.
- iv. **Total Cost**

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

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

N/A

vii. **Overall Evaluation**

This presentation was very useful because as we enter our careers, our networks are limited. This presentation detailed how to meaningfully grow them and take advantage of the growth.

55 Reptile Family Meeting #2

Texas 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	5
Electees	6

- v. Average number of hours per person spent:

Participating	Organizing
0.3	0.8

2. Project Evaluation

i. General Description

This meeting was planned to engage the family on planning and creating our family scrapbook. We also took the opportunity to discuss outstanding candidate requirements and any questions the candidates may have had about their bent and other items. The meeting was held on Zoom both for convenience and also because of weather.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The family meetings serve as a way for the family members to get to know each other while contributing to a family-specific project. In the case of the scrapbook, this is a Texas Alpha chapter tradition; each family creates a scrapbook from the semester, and these scrapbooks are then showcased at the final general meeting. The family with the best scrapbook is awarded additional family points for the overall family competition.

iii. Organization and Administration

The family officers for the Reptile Family worked with the candidates and active members in the family to decide on a suitable time for the meeting. As mentioned previously, the meeting took place over Zoom.

iv. Total Cost

\$0.0

v. **Cost Breakdown**

There were enough attendees for this meeting to qualify as a family meeting, namely >5 candidates and >2 active members.

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

The meeting was productive and the family came up with some great ideas regarding how we wanted to format the scrapbook. It also allowed the candidates to ask the family officers any questions they may have had regarding candidate requirements.

56 General Meeting #4

Texas Alpha

1. Project Information

- i. Date(s): 11/04/21
- 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	19
Electees	29

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.0

2. Project Evaluation

i. General Description

This event was the fourth General Meeting of the Fall 2021 semester, and we executed this event in a hybrid format. As we utilize our General Meetings to update our members about upcoming events and to partner with a company, we invited Chevron to come speak about their engineering programs and asked the Chevron company representatives to talk about why they have enjoyed working at Chevron. As for the planning of the event, we marketed the General Meeting through our weekly chapter newsletter as well as on our social media.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The purpose of this event to primarily to expose our members to professional opportunities within the chemical industry as engineers and to provide our members with a networking opportunity to connect with company representatives.

iii. Organization and Administration

The organization of the event was distributed amongst the event coordinators to fill out their specific event updates, while the planning of the overall event was brainstormed by the entire officer team, but executed by the executive officers. Our Vice President External secured the partnership with Chevron so that we could have company representatives speak at the event, while the Vice President Internal led the virtual meeting. The rest of the officer team primarily aided in handling technical issues, engaging with our members, and ensuring that the contents of the General Meeting was complete.

iv. **Total Cost**

\$500.0

v. **Cost Breakdown**

The only expense that we had was paying for the food for the in-person portion of the event.

vi. **Special Problems Encountered**

Chevron was finally able to speak with us at the general meeting!

vii. **Overall Evaluation**

The General Meeting was overall a very successful event. We reached our goals to still continue operations this semester despite the circumstances. We were able to effectively communicate with our members through the online Zoom platform as well as in-person, and the Chevron representatives informed us about their professional opportunities in a fun and engaging manner. In the future, we could increase membership engagement through Breakout Rooms.

57 Karaoke Social

Texas Alpha

1. Project Information

- i. Date(s): 11/05/21
- 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	3
Electees	5

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

- i. **General Description**

This was a social event where participants sang karaoke together.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

Like all the other socials, this provided an opportunity for members to socialize with each other.
- iii. **Organization and Administration**

A place and time were chosen to conduct this social. A list of songs was pre-selected before the social to allow each of the participants to easily pick a good song to line up next in the queue.
- iv. **Total Cost**

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

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

None were encountered.
- vii. **Overall Evaluation**

Overall the social was fun, if not a little bit awkward. Having a proper karaoke microphone with a lot of reverb may have helped.

58 It's My Park Day

Texas Alpha

1. Project Information

- i. Date(s): 11/06/21
- 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	7
Electees	18

- v. Average number of hours per person spent:

Participating	Organizing
3.0	3.0

2. Project Evaluation

i. General Description

We volunteered during It's My Park Day, a biannual event held by the Austin Parks Foundation that aims to clean and renovate green spaces throughout the city. One group volunteered at Govalle Park where they picked up trash and cleaned up the area. The other group volunteered at Overton Elementary School where they built a new garden for the students.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

One of our core values of TBP is to serve the community. The service that candidates complete is an important aspect of their candidacy and the service that actives do allows them to help improve their community and continue being active members. Our help in maintaining public parks allow them to continue to be enjoyed by visitors.

iii. Organization and Administration

The registering, sign-ups, and transportation were planned by the Service Coordinators. Firstly, we gathered the amount of interest there was in volunteering at this event to help me choose how many and which location to volunteer at. After selecting two service opportunities, we had everyone interested sign up for one of the events and relay to the Service Coordinators which event they had signed up for. Lastly, we organized the transportation by ensuring we had enough spots and left early enough to arrive to the event on time.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

There were no associated costs and the event had a sufficient amount of volunteers attend.

vi. **Special Problems Encountered**

The amount of volunteers able to go to a single event was capped at 25 and the registration was open to the public far in advance of the event. Since the schedule of college students is often changing it was not practical to force those interested to sign up over a month in advance. While I wasn't able to get the whole group at one event, I was able to coordinate volunteering at two different locations that we were able to sign up to much closer to the deadline.

vii. **Overall Evaluation**

Overall, this service event was a success. We had good attendance from our electees which ensures that they are completing their requirements before the end of the semester.

59 TBP Burger Burn #4

Texas Alpha

1. Project Information

- i. Date(s): 11/09/21
- 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	9
Electees	14

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.5

2. Project Evaluation

- i. **General Description**

The Burger Burn is our longstanding fundraising event, where we grill and sell burgers, hot dogs, drinks, and chips to passersby from early morning to early afternoon.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

The Burger Burn raises money for TBP (used for such expenditures as scholarships) and is the best publicity TBP has since a lot of people stop by the Burger Burn.
- iii. **Organization and Administration**

It was organized at the beginning of September with UT Austin's Environmental Health and Safety Services, Fire Prevention Services, and The Dean of Students' Office.
- iv. **Total Cost**

\$150.0
- v. **Cost Breakdown**

The cost of running the Burger Burn was about \$150 from Tau Beta Pi's UFCU checking account. No personal reimbursements were required.
- vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

The Burger Burn ran smoothly, and we made approximately \$140 in profit.

60 Engineering Futures - Accelerate Your Engineering Career Using the 5 Forces of Career Acceleration

Texas Alpha

1. Project Information

- i. Date(s): 11/10/21
- 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	16
Electees	2

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

- i. **General Description**

TBP nationals held this virtual presentation through the Engineering Futures program, where attendees learned about how to discover new opportunities and advance their careers.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This activity allowed members to learn how to succeed in the workplace and further their careers.
- iii. **Organization and Administration**

We shared the nationals registration information with chapter members.
- iv. **Total Cost**

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

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

N/A

vii. **Overall Evaluation**

This presentation was great for future reference. The skills mentioned within it are directly applicable to everyone because everyone must know how to employ them to suit their career goals.

61 Werewolf Social

Texas Alpha

1. Project Information

- i. Date(s): 11/10/21
- 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	5
Electees	5

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

- i. **General Description**

A group of candidates and actives met via zoom to play an online version of the game werewolf.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

Candidates and actives were able to meet and have fun playing this tactical game.
- iii. **Organization and Administration**

A time and date was chosen, and those interested were provided a zoom link to join the meeting.
- iv. **Total Cost**

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

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

There was a learning curve in the game, but otherwise no problems were encountered.
- vii. **Overall Evaluation**

The social was a success as participants had fun trying to win the game, with great participation and fun results.

62 Fireside with Dr. Luis Sentis

Texas Alpha

1. Project Information

- i. Date(s): 11/11/21
- 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	8
Electees	11

- v. Average number of hours per person spent:

Participating	Organizing
0.5	1.5

2. Project Evaluation

i. General Description

For this fireside, TBP members and candidates met with Dr. Luis Sentis, an associate professor in the Department of Aerospace Engineering and Engineering Mechanics at UT Austin, and a General Dynamics endowed fellow. Dr. Sentis focuses on human-centered robotics and has been involved in multiple research projects including the Valkyrie robot competition held by NASA JSC/DARPA. Dr. Luis had a prepared slideshow showcasing various robotics developments, and also added in his own stories of research and projects he was involved with. Roughly halfway through the presentation the session took a Q&A break where students asked Dr. Sentis various questions related to the first-half of the presentation. At the end Dr. Sentis also stayed back a few minutes to answer follow-up questions.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

As with all faculty firesides, this event provided TBP members and candidates with the opportunity to meet with a faculty member in a casual setting, allowing students a window into the interesting and varied career of a current UT Austin engineering faculty member. The Q&A discussion also provided attendees with a chance to ask questions on topics of interest related to the discussion.

iii. **Organization and Administration**

The event was planned by the chapter recording secretary, who reached out to Dr. Sentis via email. A date was arranged, after which members and candidates were invited to sign up to attend. The recording secretary worked with the Vice President of Operations to order and purchase food for the meeting. This fireside was held in-person in a classroom on campus. The recording secretary guided the general format of the conversation as necessary: introducing Dr. Sentis once the fireside began, adding in additional questions or prompting questions from the audience during Q&A, and thanking Dr. Sentis at the end of the event.

iv. **Total Cost**

\$199.4

v. **Cost Breakdown**

Food was purchased for the attendees.

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

This was an interesting final fireside for the Fall '21 semester. Dr. Sentis was an engaging speaker, and covered quite a lot of information in the hour we had. While I found it interesting, I felt that I was relying on basic prior knowledge of robotics from news and magazine articles, and I was concerned that the presentation at times was too technical for those not directly in the robotics field. That being said, the projects Dr. Sentis covered were very interesting, and some video clips showed how much progress has been made in the last decade. Overall engagement was high, and the session exceeded the full hour allotted.

63 Coloring Social

Texas Alpha

1. Project Information

- i. Date(s): 11/12/21
- 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	3
Electees	5

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

- i. **General Description**

In this social, candidates and members met to relax and unwind by coloring together for an hour.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This event built relationships amongst current members and candidates by encouraging discussion and interaction.
- iii. **Organization and Administration**

Coloring print outs, pens, and pencils were brought over from current organization supplies for participants to use.
- iv. **Total Cost**

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

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

None were encountered.
- vii. **Overall Evaluation**

The social was a success and there was ample supplies. The participants were happy with the results of the coloring they had done.

64 Professional Headshot Photo Shoot

Texas Alpha

1. Project Information

- i. Date(s): 11/12/21
- 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	5
Electees	2

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

- i. **General Description**

Members took photos in front of selected well-lit static backgrounds in front of Benedict Hall, between Benedict Hall and McCombs, and in front of the McCombs entrance.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

The professional pictures we took will improve our LinkedIn profiles and resumes.
- iii. **Organization and Administration**

We informed members of this event through the newsletter and at the meetings, and informed them to meet at Littlefield Fountain in professional clothing.
- iv. **Total Cost**

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

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

N/A
- vii. **Overall Evaluation**

We were able to get multiple good pictures with nice lighting for each attendee. Turnout could be improved by additional marketing.

65 Reptile Family Meeting #3

Texas Alpha

1. Project Information

- i. Date(s): 11/14/21
- 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	6

- v. Average number of hours per person spent:

Participating	Organizing
0.3	1.0

2. Project Evaluation

- i. **General Description**

This meeting was planned to give candidates the opportunity to work on creating our family scrapbook and each of their individual slides. The meeting was held outside in the afternoon for an hour, and also allowed for some socializing among the attendees while everyone worked.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

The family meetings serve as a way for the family members to get to know each other while contributing to a family-specific project. In the case of the scrapbook, this is a Texas Alpha chapter tradition; each family creates a scrapbook from the semester, and these scrapbooks are then showcased at the final general meeting. The family with the best scrapbook is awarded additional family points for the overall family competition.
- iii. **Organization and Administration**

The family officers for the Reptile Family worked with the candidates and active members in the family to decide on a suitable time for the meeting.
- iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

There were enough attendees for this meeting to qualify as a family meeting, namely ≥ 5 candidates and ≥ 2 active members.

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

The meeting was productive and the family attendees were able to make substantial progress on the scrapbook pages. A last-minute brainstorm also allowed for an improvement to the scrapbook design.

66 Sports Ball Social

Texas Alpha

1. Project Information

- i. Date(s): 11/16/21
- 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	13

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

- i. **General Description**

For this social event, candidates and members met outside to throw around a frisbee and play volleyball.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

We encouraged relationship building within the organization by fostering teamwork while still having fun.
- iii. **Organization and Administration**

A time and place were chosen to meet. Participants and organizers brought materials to play with.
- iv. **Total Cost**

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

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

More materials could have been brought since more participants showed up than expected.
- vii. **Overall Evaluation**

This was a successful social where members and candidates got to de-stress by playing games together outside.

67 Reptile Family Meeting #4

Texas Alpha

1. Project Information

- i. Date(s): 11/17/21
- 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	5
Electees	8

- v. Average number of hours per person spent:

Participating	Organizing
0.3	0.8

2. Project Evaluation

i. General Description

This meeting was planned to engage the family on finalizing our family scrapbook. We also convened the meeting to assess how we might win the family competition, after ceding our lead the prior day in the points tally. The meeting was held on Zoom for convenience since it was a last-minute meeting on a weekday.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The family meetings serve as a way for the family members to get to know each other while contributing to a family-specific project. In the case of the scrapbook, this is a Texas Alpha chapter tradition; each family creates a scrapbook from the semester, and these scrapbooks are then showcased at the final general meeting. The family with the best scrapbook is awarded additional family points for the overall family competition.

iii. Organization and Administration

The family officers for the reptile family worked with the candidates and active members in the family to decide on a suitable time for the meeting. As mentioned perviously, the meeting took place over Zoom.

iv. Total Cost

\$0.0

v. **Cost Breakdown**

There were enough attendees for this meeting to qualify as a family meeting, namely ≥ 5 candidates and ≥ 2 active members.

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

This was our most-attended family meeting, and it was fantastic to see everyone engaged in the friendly spirit of the family competition. The meeting itself was productive and the family was able to make sure everyone was on the same page to finish the scrapbook before Thursday's general meeting.

68 Reptile Family Meeting #5

Texas Alpha

1. Project Information

- i. Date(s): 11/18/21
- 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	8

- v. Average number of hours per person spent:

Participating	Organizing
0.1	0.8

2. Project Evaluation

- i. **General Description**

This meeting was planned to gain some final family points in the family competition, and was held right before the point cutoff at the start of the final general meeting. There was a spirit of excitement given how close the competition was, and that energy ensured a good turnout among family members.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

Family socials are a way for family members to hang out and get to know one other. In the case of this social, it helped generate some excitement in the family based on the family competition, and also gave attendees about an hour to relax and catchup with each other.
- iii. **Organization and Administration**

The family officers for the Reptile Family worked with the candidates and active members in the family to decide on a suitable time for the meeting.
- iv. **Total Cost**

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

There were enough attendees for this meeting to qualify as a family social, namely ≥ 3 candidates and ≥ 2 active members.

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

We had a lot of fun hanging out prior to the general meeting and chatting about various things going on in classes as the semester begins to wrap up.

69 Mammal Family Meeting #3

Texas Alpha

1. Project Information

- i. Date(s): 11/18/21
- 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	9

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

- i. **General Description**

The Mammal Family met to go over the family scrapbook before the final general meeting of the semester.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This allowed for relationship building between members and candidates, and candidates were able to fulfill a candidate requirement with the meeting.
- iii. **Organization and Administration**

A zoom meeting was created and the zoom link was sent to members of the Mammal Family.
- iv. **Total Cost**

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

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

None were encountered as all candidates were able to attend the meeting.
- vii. **Overall Evaluation**

The meeting was a success; it achieved its main goal of ensuring all candidates have credit for a family meeting and that the scrapbook for the family was completed.

70 TBP Burger Burn #5

Texas Alpha

1. Project Information

- i. Date(s): 11/18/21
- 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	6
Electees	2

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.5

2. Project Evaluation

- i. **General Description**

The Burger Burn is our longstanding fundraising event, where we grill and sell burgers, hot dogs, drinks, and chips to passersby from early morning to early afternoon.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

The Burger Burn raises money for TBP (used for such expenditures as scholarships) and is the best publicity TBP has since a lot of people stop by the Burger Burn.
- iii. **Organization and Administration**

It was organized at the beginning of September with UT Austin's Environmental Health and Safety Services, Fire Prevention Services, and The Dean of Students' Office.
- iv. **Total Cost**

\$137.39
- v. **Cost Breakdown**

The cost of running the Burger Burn was about \$137 from Tau Beta Pi's UFCU checking account. No personal reimbursements were required.
- vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

The Burger Burn ran smoothly, and we made approximately \$100 in profit.

71 General Meeting #5

Texas Alpha

1. Project Information

- i. Date(s): 11/18/21
- 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	23
Electees	29

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.0

2. Project Evaluation

i. General Description

This event was the last General Meeting of the Fall 2021 semester, and we executed this event in a hybrid format. As we utilize our General Meetings to update our members about upcoming events and to partner with a company, we invited Project Connect to come speak about their transportation plan and asked the Project Connect company representatives to talk about why they have enjoyed working at Project Connect. As for the planning of the event, we marketed the General Meeting through our weekly chapter newsletter as well as on our social media.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The purpose of this event to primarily to expose our members to professional opportunities within the transportation industry as engineers and to provide our members with a networking opportunity to connect with company representatives.

iii. Organization and Administration

The organization of the event was distributed amongst the event coordinators to fill out their specific event updates, while the planning of the overall event was brainstormed by the entire officer team, but executed by the executive officers. Our Vice President External secured the partnership with Project Connect so that we could have company representatives speak at the event, while the Vice President Internal led the virtual meeting. The rest of the officer team primarily aided in handling technical issues, engaging with our members, and ensuring that the contents of the General Meeting was complete.

iv. **Total Cost**

\$500.0

v. **Cost Breakdown**

The only expense that we had was paying for the food for the in-person portion of the event.

vi. **Special Problems Encountered**

There were no special problems associated with this event.

vii. **Overall Evaluation**

The General Meeting was overall a very successful event. We reached our goals to still continue operations this semester despite the circumstances. We were able to effectively communicate with our members through the online Zoom platform as well as in-person, and the Project Connect representatives informed us about their professional opportunities in a fun and engaging manner.

72 Fall 2021 Initiation

Texas Alpha

1. Project Information

- i. Date(s): 11/19/21
- 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	15
Electees	36

- v. Average number of hours per person spent:

Participating	Organizing
0.5	1.0

2. Project Evaluation

- i. **General Description**
Initiation ceremony for new members
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**
Central element of joining Tau Beta Pi
- iii. **Organization and Administration**
Organized by the Vice President - Operations, working with other officers to fill roles for the ceremony
- iv. **Total Cost**
\$41.88
- v. **Cost Breakdown**
Costs for purchasing cupcakes for after the ceremony
- vi. **Special Problems Encountered**
Given that this was our first in-person initiation in several years, most of the officer team had not seen a full initiation ceremony before, much less run one. This led to some confusion leading up to the event.

vii. **Overall Evaluation**

The lead-up to the event was a little stressful due to the uncertainties around how to run it (see above), but the actual ceremony went well and seemed to be appreciated by the new members, which was good to see.

73 Fall 2021 Elections

Texas Alpha

1. Project Information

- i. Date(s): 11/20/21
- 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	20
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.2	3.5

2. Project Evaluation

- i. **General Description**
Elections for new officers running for positions for spring 2022
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**
Elections are a natural part of chapter business, and holding elections each semester allows many of our members to serve in various leadership roles in the chapter, furthering their involvement.
- iii. **Organization and Administration**
Run by the Vice President - Operations with assistance from other officers as needed
- iv. **Total Cost**
\$0.0
- v. **Cost Breakdown**
N/A
- vi. **Special Problems Encountered**
The elections included members attending both virtually and in-person, so balancing the two formats could be tricky. Also, elections ran for a long time due to the number of positions and the number of people running.

vii. **Overall Evaluation**

Elections were generally okay, with all positions filled with well-qualified individuals. It would have been nice to have more members running for positions, and it would also be good to speed up the election process.

74 TBP Info Session 1/26

Texas Alpha

1. Project Information

- i. Date(s): 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	7
Electees	17

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

i. General Description

We hosted a Zoom informational session for potential candidates. Officers used a PowerPoint presentation to describe the main pillars of TBP and emphasized the social, service, and professional benefits that joining the organization will have on each individual. Then, along with active members, we broke off into breakout rooms on Zoom in order to spend time talking to each individual candidate about any questions they may have had about TBP.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

This allowed us to reach out to new people who may be interested in joining our organization, therefore improving the greater community surrounding the chapter as described by the Community/Liberal Culture option. Expanding the amount of active participants in the organization will allow us to continue growing the membership community and thus expand our outreach.

iii. Organization and Administration

The main responsibility for this project was on the Vice President - Internal of the chapter. He had to organize the date and time of each informational session and be in attendance. Additionally, he led the presentation and thus had to be knowledgeable about TBP. The other officers in attendance were responsible for being the main starters of conversation in the breakout rooms, so they also had to be passionate about TBP.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

There were no costs associated with this project.

vi. **Special Problems Encountered**

There were no major problems that occurred during this info session. The only thing that was a little bit disorganized was the slight lag time that occurred between clicking the slides and the slide actually playing, but that wasn't a major issue during the presentation.

vii. **Overall Evaluation**

Overall, this info session went a lot better than the first one, which is understandable given the familiarity we had with the overall flow of the presentation after one attempt at it. A lot of the potential members who joined the call seemed pretty excited about joining the organization, which means the officer team did a great job of showing the passion they have towards TBP.

75 TBP Info Session 1/27

Texas Alpha

1. Project Information

- i. Date(s): 01/27/22
- 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	12
Electees	11

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

i. General Description

We hosted a Zoom informational session for potential candidates. Officers used a PowerPoint presentation to describe the main pillars of TBP and emphasized the social, service, and professional benefits that joining the organization will have on each individual. Then, along with active members, we broke off into breakout rooms on Zoom in order to spend time talking to each individual candidate about any questions they may have had about TBP.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

This allowed us to reach out to new people who may be interested in joining our organization, therefore improving the greater community surrounding the chapter as described by the Community/Liberal Culture option. Expanding the amount of active participants in the organization will allow us to continue growing the membership community and thus expand our outreach.

iii. Organization and Administration

The main responsibility for this project was on the Vice President - Internal of the chapter. He had to organize the date and time of each informational session and be in attendance. Additionally, he led the presentation and thus had to be knowledgeable about TBP. The other officers in attendance were responsible for being the main starters of conversation in the breakout rooms, so they also had to be passionate about TBP.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

There were no costs associated with this project.

vi. **Special Problems Encountered**

There were no major problems that occurred during this info session. The only thing that was a little bit disorganized was the slight lag time that occurred between clicking the slides and the slide actually playing, but that wasn't a major issue during the presentation.

vii. **Overall Evaluation**

Overall, this info session went a lot better than the first one, which is understandable given the familiarity we had with the overall flow of the presentation after one attempt at it. A lot of the potential members who joined the call seemed pretty excited about joining the organization, which means the officer team did a great job of showing the passion they have towards TBP.

76 TBP Info Session 1/28

Texas Alpha

1. Project Information

- i. Date(s): 01/28/22
- 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	11
Electees	8

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

i. General Description

We hosted a Zoom informational session for potential candidates. Officers used a PowerPoint presentation to describe the main pillars of TBP and emphasized the social, service, and professional benefits that joining the organization will have on each individual. Then, along with active members, we broke off into breakout rooms on Zoom in order to spend time talking to each individual candidate about any questions they may have had about TBP.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

This allowed us to reach out to new people who may be interested in joining our organization, therefore improving the greater community surrounding the chapter as described by the Community/Liberal Culture option. Expanding the amount of active participants in the organization will allow us to continue growing the membership community and thus expand our outreach.

iii. Organization and Administration

The main responsibility for this project was on the Vice President - Internal of the chapter. He had to organize the date and time of each informational session and be in attendance. Additionally, he led the presentation and thus had to be knowledgeable about TBP. The other officers in attendance were responsible for being the main starters of conversation in the breakout rooms, so they also had to be passionate about TBP.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

There were no costs associated with this project.

vi. **Special Problems Encountered**

There were no major problems that occurred during this info session. The only thing that was a little bit disorganized was the slight lag time that occurred between clicking the slides and the slide actually playing, but that wasn't a major issue during the presentation.

vii. **Overall Evaluation**

Overall, this info session went a lot better than the first one, which is understandable given the familiarity we had with the overall flow of the presentation after one attempt at it. A lot of the potential members who joined the call seemed pretty excited about joining the organization, which means the officer team did a great job of showing the passion they have towards TBP.

77 TBP Info Session 1/29

Texas Alpha

1. Project Information

- i. Date(s): 01/29/22
- 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	12
Electees	7

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

i. General Description

We hosted a Zoom informational session for potential candidates. Officers used a PowerPoint presentation to describe the main pillars of TBP and emphasized the social, service, and professional benefits that joining the organization will have on each individual. Then, along with active members, we broke off into breakout rooms on Zoom in order to spend time talking to each individual candidate about any questions they may have had about TBP.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

This allowed us to reach out to new people who may be interested in joining our organization, therefore improving the greater community surrounding the chapter as described by the Community/Liberal Culture option. Expanding the amount of active participants in the organization will allow us to continue growing the membership community and thus expand our outreach.

iii. Organization and Administration

The main responsibility for this project was on the Vice President - Internal of the chapter. He had to organize the date and time of each informational session and be in attendance. Additionally, he led the presentation and thus had to be knowledgeable about TBP. The other officers in attendance were responsible for being the main starters of conversation in the breakout rooms, so they also had to be passionate about TBP.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

There were no costs associated with this project.

vi. **Special Problems Encountered**

There were no major problems that occurred during this info session. The only thing that was a little bit disorganized was the slight lag time that occurred between clicking the slides and the slide actually playing, but that wasn't a major issue during the presentation.

vii. **Overall Evaluation**

Overall, this info session went a lot better than the first one, which is understandable given the familiarity we had with the overall flow of the presentation after one attempt at it. A lot of the potential members who joined the call seemed pretty excited about joining the organization, which means the officer team did a great job of showing the passion they have towards TBP.

78 TBP Info Session 1/30

Texas Alpha

1. Project Information

- i. Date(s): 01/30/22
- 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	12
Electees	17

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

i. General Description

We hosted a Zoom informational session for potential candidates. Officers used a PowerPoint presentation to describe the main pillars of TBP and emphasized the social, service, and professional benefits that joining the organization will have on each individual. Then, along with active members, we broke off into breakout rooms on Zoom in order to spend time talking to each individual candidate about any questions they may have had about TBP.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

This allowed us to reach out to new people who may be interested in joining our organization, therefore improving the greater community surrounding the chapter as described by the Community/Liberal Culture option. Expanding the amount of active participants in the organization will allow us to continue growing the membership community and thus expand our outreach.

iii. Organization and Administration

The main responsibility for this project was on the Vice President - Internal of the chapter. He had to organize the date and time of each informational session and be in attendance. Additionally, he led the presentation and thus had to be knowledgeable about TBP. The other officers in attendance were responsible for being the main starters of conversation in the breakout rooms, so they also had to be passionate about TBP.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

There were no costs associated with this project.

vi. **Special Problems Encountered**

There were no major problems that occurred during this info session. The only thing that was a little bit disorganized was the slight lag time that occurred between clicking the slides and the slide actually playing, but that wasn't a major issue during the presentation.

vii. **Overall Evaluation**

Overall, this info session went a lot better than the first one, which is understandable given the familiarity we had with the overall flow of the presentation after one attempt at it. A lot of the potential members who joined the call seemed pretty excited about joining the organization, which means the officer team did a great job of showing the passion they have towards TBP.

79 Jackbox Social

Texas Alpha

1. Project Information

- i. Date(s): 02/02/22
- 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	5

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

i. General Description

As a part of upholding one of Texas Alpha's three pillars, "Social," Tau Beta Pi at UT Austin organized a Jackbox Social, where members could join and play party games with one another. Initially planned to be in-person, weather issues led to a switch to the event being held online. Jackbox was purchased to be used during the social. The social overall received great feedback, with all participants rating it highly and stating they would participate in the social again in the future.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The objectives of Tau Beta Pi - Texas Alpha's "Social" pillar include giving members ample opportunities to attend a variety of social events throughout the semester, meeting engineers from other majors, and having fun with one another. The Jackbox Social accomplishes this by providing a time for participants to interact and play games with one another.

iii. Organization and Administration

Social Coordinators Antony Sutanto and Lais Haddad were charged with organizing and executing the event. Responsibilities included acquiring Jackbox, setting up a poll for participants to select what they would like to play, reserving a classroom, advertising the event to the organization, and facilitating the gameplay during the event. Responsibilities were divided evenly between the two officers.

iv. **Total Cost**

\$106.04

v. **Cost Breakdown**

\$106.04 was spent to acquire Jackbox packages to play. This one-time payment comes with the games that can be utilized for future events with the game. Participation generally requires around 8 people to play a game; 12 members joined for the event.

vi. **Special Problems Encountered**

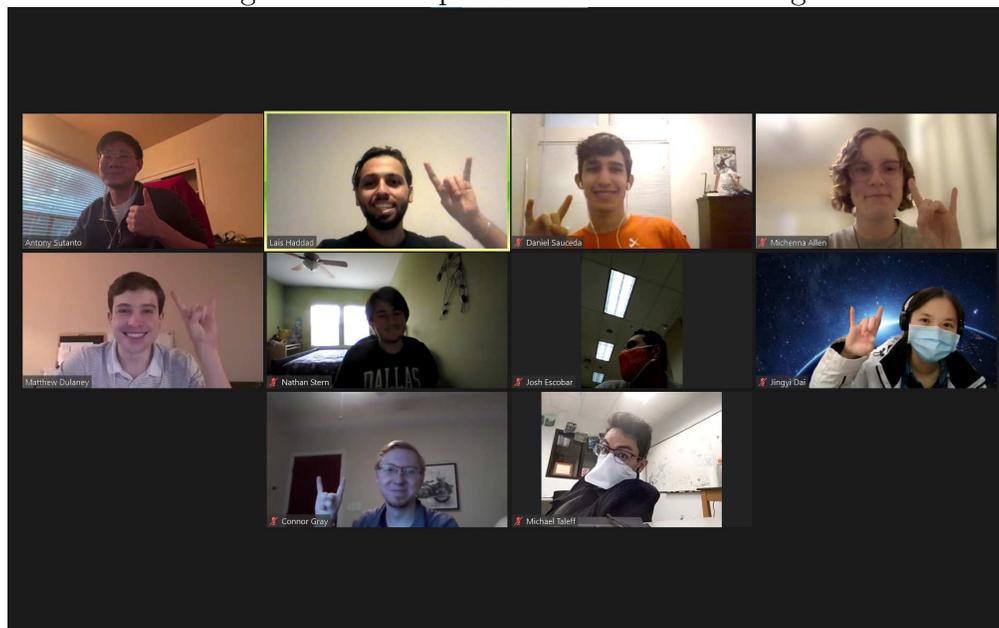
Due to severe weather conditions, the event was moved online and held through Zoom. Despite this, the overall event ran smoothly, although some members experienced lags and delays due to internet connection issues.

vii. **Overall Evaluation**

Overall feedback was very positive. In a post-social survey, participants rated the event an overall 4.4/5, with 5 being the best experience. All participants noted that they would like to join the event if it was held again in the future. This event gave students an opportunity to get to know one another while having fun with party games, increasing social interaction across the organization's members. In the future, plans will be made to hold the event in-person to improve the overall quality of gameplay.

3. **Additional Attachments**

Figure 1: Participants in the Zoom meeting



80 Engineering Futures, Teaming Up: Effective Groups and Meetings

Texas Alpha

1. Project Information

- i. Date(s): 02/02/22
- 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	4

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

- i. **General Description**

TBP nationals held this virtual presentation through the Engineering Futures program, where members learned how to encourage teamwork in groups and lead effective meetings.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

The event helped members develop their leadership skills as well as how to hold effective meetings. These skills are important to have in a professional environment, so this event helped further our chapter's aim of developing members' professional skills.
- iii. **Organization and Administration**

We shared the nationals registration information with chapter members.
- iv. **Total Cost**

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

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

N/A

vii. **Overall Evaluation**

The presentation was very thorough and broke down the stages of team development in a helpful and easy to understand manner. Overall, it was a great opportunity for members to develop their professional skills.

81 TBP Boat Party

Texas Alpha

1. Project Information

- i. Date(s): 02/07/22 - 05/10/22
- 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	26
Electees	10

- v. Average number of hours per person spent:

Participating	Organizing
10.0	5.0

2. Project Evaluation

- i. **General Description**

We rented a party barge for 4 hours, where we served hotdogs, burgers, snacks, and drinks. This event was done in celebration of graduating seniors and the overall success of TBP.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

A social event meant to relieve stress before final exams and to strength comradery between TBP members.
- iii. **Organization and Administration**

Organized and administrated solely within TBP. The organization work was split between the VP Operations, Treasurer, and Special Events Coordinator. Boat rental contract was completed and approved by the University a month in advance, and then food items were acquired a day or two before the actual event. Slightly less people attended the event than anticipated, so it is recommended to select a more opportune date for the next occurrence of this event.
- iv. **Total Cost**

\$1300.0
- v. **Cost Breakdown**

Around \$1000 was allocated for the boat rental. Around \$80 was allocated to parking fees. The remaining \$220 was allocated for food and drink costs.

vi. **Special Problems Encountered**

Initially, the VP External was assigned the role of speaking to the boat company owner to secure the rental contract. Due to personal reasons, the VP External was not available to continue organizing the event after our officer elections. We then had to reallocate responsibilities as listed above.

vii. **Overall Evaluation**

The overall purpose of the project was achieved: celebration and stress relief. It was initially anticipated that over 50 participants would be able to attend the event. This forced us to rent from a less than ideal boat company. In the future, it is recommended to rent a 50 capacity boat and cap the max amount of people that can attend.

3. **Additional Attachments**

Figure 2:



82 Engineering Futures: Career Path: What is my Right Career Path

Texas Alpha

1. Project Information

- i. Date(s): 02/08/22
- 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	8
Electees	1

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

- i. **General Description**
Attended the virtual engineering futures event about how to expand your career opportunities.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**
The event helped members more effectively find a career they would like to pursue, fulfilling the objective of Tau Beta Pi to advance the professional development of members.
- iii. **Organization and Administration**
Made the Engineering Futures event known to members and distributed the sign up link.
- iv. **Total Cost**
\$0.0
- v. **Cost Breakdown**
N/A
- vi. **Special Problems Encountered**
None
- vii. **Overall Evaluation**
The event was a great exploration of careers that may verge from the traditional engineering career path and provided helpful information in finding an enjoyable career.

83 IM Dodgeball Game #1

Texas Alpha

1. Project Information

- i. Date(s): 02/08/22 - 02/22/22
- 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	0

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

i. General Description

As a part of upholding one of Texas Alpha's three pillars, "Social," Tau Beta Pi at UT Austin organized a Dodgeball team to participate in UT's intramural coed Dodgeball league. Members could sign up and join the team to play in the games or even come out to support the playing team. Our participation in dodgeball was a success; the team did not make it to the playoffs but it was a lot of fun for everyone involved.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The objectives of Tau Beta Pi - Texas Alpha's "Social" pillar include giving members ample opportunities to attend a variety of social events throughout the semester, meeting engineers from other majors, and having fun with one another. Participating in IM Dodgeball accomplishes this by providing a time for participants to interact with one another as a team whilst competing with other teams in the league. The competitive aspect makes for an added sense of camaraderie that furthers the promotion of the social pillar.

iii. Organization and Administration

Social Coordinator Lais Haddad oversaw the creation of the Dodgeball squad. Responsibilities mainly included reaching out to members and polling them to put together a squad that can play on our predetermined dates. After the creation of the squad, President Ayush was assigned as team captain and given the responsibility of running the team and coordinating with fellow teammates.

iv. **Total Cost**

\$90.0

v. **Cost Breakdown**

\$90 was spent for the registration of a TBP Dodgeball team in the UT IM league.

vi. **Special Problems Encountered**

The biggest issue we faced with putting together the team was female participation. It was much more difficult to find female players to balance the team than it was finding male players. We also were not aware of the fact that we could reserve a spot in a league before registering a squad, meaning that we could have chosen more ideal times for our members.

vii. **Overall Evaluation**

Overall feedback was very positive. All participants noted that they enjoyed participating in this league and appreciated the opportunity our participation in IM Dodgeball presented. This event gave students an opportunity to get to know one another while playing Dodgeball and competing with other teams in the league. In the future, plans will be made to make sure that we register our teams early so that we get a good time slot, which should also help with the female participation issue.

84 IM Dodgeball Game #2

Texas Alpha

1. Project Information

- i. Date(s): 02/08/22 - 02/22/22
- 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	1

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

i. General Description

As a part of upholding one of Texas Alpha's three pillars, "Social," Tau Beta Pi at UT Austin organized a Dodgeball team to participate in UT's intramural coed Dodgeball league. Members could sign up and join the team to play in the games or even come out to support the playing team. Our participation in dodgeball was a success; the team did not make it to the playoffs but it was a lot of fun for everyone involved.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The objectives of Tau Beta Pi - Texas Alpha's "Social" pillar include giving members ample opportunities to attend a variety of social events throughout the semester, meeting engineers from other majors, and having fun with one another. Participating in IM Dodgeball accomplishes this by providing a time for participants to interact with one another as a team whilst competing with other teams in the league. The competitive aspect makes for an added sense of camaraderie that furthers the promotion of the social pillar.

iii. Organization and Administration

Social Coordinator Lais Haddad oversaw the creation of the Dodgeball squad. Responsibilities mainly included reaching out to members and polling them to put together a squad that can play on our predetermined dates. After the creation of the squad, President Ayush was assigned as team captain and given the responsibility of running the team and coordinating with fellow teammates.

iv. **Total Cost**

\$90.0

v. **Cost Breakdown**

\$90 was spent for the registration of a TBP Dodgeball team in the UT IM league.

vi. **Special Problems Encountered**

The biggest issue we faced with putting together the team was female participation. It was much more difficult to find female players to balance the team than it was finding male players. We also were not aware of the fact that we could reserve a spot in a league before registering a squad, meaning that we could have chosen more ideal times for our members.

vii. **Overall Evaluation**

Overall feedback was very positive. All participants noted that they enjoyed participating in this league and appreciated the opportunity our participation in IM Dodgeball presented. This event gave students an opportunity to get to know one another while playing Dodgeball and competing with other teams in the league. In the future, plans will be made to make sure that we register our teams early so that we get a good time slot, which should also help with the female participation issue.

85 IM Dodgeball Game #3

Texas Alpha

1. Project Information

- i. Date(s): 02/08/22 - 02/22/22
- 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	7
Electees	2

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

i. General Description

As a part of upholding one of Texas Alpha's three pillars, "Social," Tau Beta Pi at UT Austin organized a Dodgeball team to participate in UT's intramural coed Dodgeball league. Members could sign up and join the team to play in the games or even come out to support the playing team. Our participation in dodgeball was a success; the team did not make it to the playoffs but it was a lot of fun for everyone involved.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The objectives of Tau Beta Pi - Texas Alpha's "Social" pillar include giving members ample opportunities to attend a variety of social events throughout the semester, meeting engineers from other majors, and having fun with one another. Participating in IM Dodgeball accomplishes this by providing a time for participants to interact with one another as a team whilst competing with other teams in the league. The competitive aspect makes for an added sense of camaraderie that furthers the promotion of the social pillar.

iii. Organization and Administration

Social Coordinator Lais Haddad oversaw the creation of the Dodgeball squad. Responsibilities mainly included reaching out to members and polling them to put together a squad that can play on our predetermined dates. After the creation of the squad, President Ayush was assigned as team captain and given the responsibility of running the team and coordinating with fellow teammates.

iv. **Total Cost**

\$90.0

v. **Cost Breakdown**

\$90 was spent for the registration of a TBP Dodgeball team in the UT IM league.

vi. **Special Problems Encountered**

The biggest issue we faced with putting together the team was female participation. It was much more difficult to find female players to balance the team than it was finding male players. We also were not aware of the fact that we could reserve a spot in a league before registering a squad, meaning that we could have chosen more ideal times for our members.

vii. **Overall Evaluation**

Overall feedback was very positive. All participants noted that they enjoyed participating in this league and appreciated the opportunity our participation in IM Dodgeball presented. This event gave students an opportunity to get to know one another while playing Dodgeball and competing with other teams in the league. In the future, plans will be made to make sure that we register our teams early so that we get a good time slot, which should also help with the female participation issue.

86 General Meeting #1

Texas 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	49
Electees	34

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.0

2. Project Evaluation

i. General Description

This event was the first General Meeting of the Fall 2021 semester, and we executed this event in a hybrid format. As for the planning of the event, we marketed the General Meeting through our weekly chapter newsletter as well as on our social media. This semester, to streamline the membership experience and to reduce the number of links we distribute, we have started an Instagram for members to be reminded of upcoming events! The General Meeting was very successful for the first large hybrid event of the semester!

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The purpose of this event is to inform our members of the requirements of joining this organization as well as to notify them about upcoming events we are hosting.

iii. Organization and Administration

The organization of the event was distributed amongst the event coordinators to fill out their specific event updates, while the planning of the overall event was brainstormed by the entire officer team, but executed by the executive officers. The Vice President Internal led the meeting. The rest of the officer team primarily aided in handling technical issues, engaging with our members, and ensuring that the contents of the General Meeting were complete.

iv. **Total Cost**

\$500.0

v. **Cost Breakdown**

The only expense that we had was paying for the food for the in-person portion of the event.

vi. **Special Problems Encountered**

We didn't have any special problems running this event.

vii. **Overall Evaluation**

The General Meeting was overall a very successful event. We reached our goals to still continue operations this semester despite the circumstances. We were able to effectively communicate with our members through the online Zoom platform as well as in-person.

87 Hiking Social

Texas Alpha

1. Project Information

i. Date(s): 02/12/22

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	17
Electees	9

v. Average number of hours per person spent:

Participating	Organizing
1.0	2.0

2. Project Evaluation

i. General Description

As a part of upholding one of Texas Alpha's three pillars, "Social," Tau Beta Pi at UT Austin organized a Hiking Social, where members went on a nature/hiking trail in Austin, Texas. No funds were used for this social event. The social overall received great feedback, with all participants rating it highly and stating they would participate in the social again in the future.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The objectives of Tau Beta Pi - Texas Alpha's "Social" pillar include giving members ample opportunities to attend a variety of social events throughout the semester, meeting engineers from other majors, and having fun with one another. The Hiking Social accomplishes this by providing a time for participants to interact and navigate a complex trail with one another.

iii. Organization and Administration

Social Coordinator Antony Sutanto was charged with organizing and executing the event. Responsibilities included checking the trail to understand the paths, organizing sign-ups and car-pooling, advertising the event to the organization, and facilitating the hike during the event.

iv. Total Cost

\$0.0

v. **Cost Breakdown**

No costs were required to host this event. There were no requirements for participation and 26 members joined for the event.

vi. **Special Problems Encountered**

Due to severe weather conditions the week prior, the hiking trail was muddy in some spots, and a stream that was meant to be crossed was still a bit high, which led to some people getting their feet and legs wet. Despite this, the overall event ran smoothly, although some members felt that the hike lasted a bit longer than they expected and thought that planning should have better accounted for weather conditions.

vii. **Overall Evaluation**

Overall feedback was very positive. In a post-social survey, participants rated the event an overall 4.6 out of 5, with 5 being the best experience. All participants noted that they would like to join the event if it was held again in the future. This event gave students an opportunity to get to know one another, work together as a team on more complicated trails, and experience nature, while increasing social interaction across the organization's members. In the future, plans will be made according to weather conditions and more trails will be evaluated prior to the event to find optimal hiking experiences.

88 Super Bowl Social

Texas 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	6
Electees	7

v. Average number of hours per person spent:

Participating	Organizing
1.0	4.0

2. Project Evaluation

i. General Description

As a part of upholding one of Texas Alpha's three pillars, "Social," Tau Beta Pi at UT Austin organized a Super Bowl Watch Party, where members could join, connect with one another, and watch the Super Bowl. The social was held in a classroom on campus, and food, snacks, and drinks were purchased for the event. The social went smoothly, with all participants having a good time.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The objectives of Tau Beta Pi - Texas Alpha's "Social" pillar include giving members ample opportunities to attend a variety of social events throughout the semester, meeting engineers from other majors, and having fun with one another. The Super Bowl Social accomplishes this by providing a time for participants to interact and watch the Super Bowl together.

iii. Organization and Administration

Social Coordinators Antony Sutanto and Lais Haddad were charged with organizing and executing the event. Responsibilities included acquiring food, reserving a classroom, advertising the event to the organization, and facilitating the event during the Super Bowl. Responsibilities were divided evenly between the two officers.

iv. **Total Cost**

\$146.31

v. **Cost Breakdown**

\$77.04 was spent to acquire food for the event and another \$69.27 was spent to acquire snacks and drinks. There were no limitations or restrictions from the financial situation in funding this event. The snacks and drinks were not entirely used up and would be rolled over for use in future social events. 13 members showed up for the event.

vi. **Special Problems Encountered**

It was discovered that the initial reserved classroom was going to be used for another event a few hours into the social, so a change in location was required to run the event to its entirety. An empty classroom was found, quickly advertised, and used for the event, and an officer stayed behind at the initial classroom for thirty minutes in case any members who did not read the announcement arrived at the room. Aside from this, the overall event ran smoothly.

vii. **Overall Evaluation**

Overall feedback was very positive. Nearly all participants stayed for all four hours of the event. This event gave students an opportunity to get to know one another while watching the annual Super Bowl with one another, increasing social interaction across the organization's members. In the future, plans should be made to better account for room reservations to avoid conflicts in the venue.

89 TBP Burger Burn #1

Texas Alpha

1. Project Information

- i. Date(s): 02/15/22 - 02/16/22
- 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	17
Electees	7

- v. Average number of hours per person spent:

Participating	Organizing
3.0	1.5

2. Project Evaluation

- i. **General Description**

The Burger Burn is our longstanding fundraising event, where we grill and sell burgers, hot dogs, drinks, and chips to passersby from early morning to early afternoon.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

The Burger Burn raises money for TBP (used for such expenditures as scholarships), and is the best publicity TBP has since a lot of people stop by the Burger Burn.
- iii. **Organization and Administration**

It was organized at the end of January with UT Austin's Environmental Health and Safety Services, Fire Prevention Services, and The Dean of Students' Office.
- iv. **Total Cost**

\$375.0
- v. **Cost Breakdown**

The cost of running the Burger Burn was about \$375 from Tau Beta Pi's UFCU checking account. No personal reimbursements were required.
- vi. **Special Problems Encountered**

Forgot to charge credit card fee for the first few card transactions, wheel broke off the grill during teardown.

vii. **Overall Evaluation**

The Burger Burn ran smoothly, and we made approximately \$100 in profit (475 revenue - 375 in costs).

90 IM Basketball Game #1

Texas Alpha

1. Project Information

- i. Date(s): 02/15/22 - 03/01/22
- 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	1

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

i. General Description

As a part of upholding one of Texas Alpha's three pillars, "Social," Tau Beta Pi at UT Austin organized a Basketball team to participate in UT's intramural coed Basketball league. Members could sign up and join the team to play in the games or even come out to support the playing team. Our participation in IM Basketball was a success; the team did not make it to the playoffs but it was a lot of fun for everyone involved.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The objectives of Tau Beta Pi - Texas Alpha's "Social" pillar include giving members ample opportunities to attend a variety of social events throughout the semester, meeting engineers from other majors, and having fun with one another. Participating in IM Basketball accomplishes this by providing a time for participants to interact with one another as a team whilst competing with other teams in the league. The competitive aspect makes for an added sense of camaraderie that furthers the promotion of the social pillar.

iii. Organization and Administration

Social Coordinators Lais Haddad and Antony Sutanto oversaw the creation of the Basketball squad. Responsibilities mainly included reaching out to members and polling them to put together a squad that can play on our predetermined dates. After the creation of the squad, Social Coordinator Antony Sutanto was assigned as team captain and given the responsibility of running the team and coordinating with fellow teammates.

iv. **Total Cost**

\$90.0

v. **Cost Breakdown**

\$90 was spent for the registration of a TBP Basketball team in the UT IM league.

vi. **Special Problems Encountered**

The biggest issue we faced with putting together the team was female participation. It was much more difficult to find female players to balance the team than it was finding male players, especially given the late time slot we had. We also were not aware of the fact that we could reserve a spot in a league before registering a squad, meaning that we could have chosen a more ideal time for our members.

vii. **Overall Evaluation**

Overall feedback was very positive. All participants noted that they enjoyed participating in this league and appreciated the opportunity our participation in IM Basketball presented. This event gave students an opportunity to get to know one another while playing Basketball and competing with other teams in the league. In the future, plans will be made to make sure that we register our teams early so that we get a good time slot, which should also help with the female participation issue.

91 IM Basketball Game #2

Texas Alpha

1. Project Information

- i. Date(s): 02/15/22 - 03/01/22
- 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	7
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

i. General Description

As a part of upholding one of Texas Alpha's three pillars, "Social," Tau Beta Pi at UT Austin organized a Basketball team to participate in UT's intramural coed Basketball league. Members could sign up and join the team to play in the games or even come out to support the playing team. Our participation in IM Basketball was a success; the team did not make it to the playoffs but it was a lot of fun for everyone involved.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The objectives of Tau Beta Pi - Texas Alpha's "Social" pillar include giving members ample opportunities to attend a variety of social events throughout the semester, meeting engineers from other majors, and having fun with one another. Participating in IM Basketball accomplishes this by providing a time for participants to interact with one another as a team whilst competing with other teams in the league. The competitive aspect makes for an added sense of camaraderie that furthers the promotion of the social pillar.

iii. Organization and Administration

Social Coordinators Lais Haddad and Antony Sutanto oversaw the creation of the Basketball squad. Responsibilities mainly included reaching out to members and polling them to put together a squad that can play on our predetermined dates. After the creation of the squad, Social Coordinator Antony Sutanto was assigned as team captain and given the responsibility of running the team and coordinating with fellow teammates.

iv. **Total Cost**

\$90.0

v. **Cost Breakdown**

\$90 was spent for the registration of a TBP Basketball team in the UT IM league.

vi. **Special Problems Encountered**

The biggest issue we faced with putting together the team was female participation. It was much more difficult to find female players to balance the team than it was finding male players, especially given the late time slot we had. We also were not aware of the fact that we could reserve a spot in a league before registering a squad, meaning that we could have chosen a more ideal time for our members.

vii. **Overall Evaluation**

Overall feedback was very positive. All participants noted that they enjoyed participating in this league and appreciated the opportunity our participation in IM Basketball presented. This event gave students an opportunity to get to know one another while playing Basketball and competing with other teams in the league. In the future, plans will be made to make sure that we register our teams early so that we get a good time slot, which should also help with the female participation issue.

92 IM Basketball Game #3

Texas Alpha

1. Project Information

- i. Date(s): 02/15/22 - 03/01/22
- 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	1

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

i. General Description

As a part of upholding one of Texas Alpha's three pillars, "Social," Tau Beta Pi at UT Austin organized a Basketball team to participate in UT's intramural coed Basketball league. Members could sign up and join the team to play in the games or even come out to support the playing team. Our participation in IM Basketball was a success; the team did not make it to the playoffs but it was a lot of fun for everyone involved.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The objectives of Tau Beta Pi - Texas Alpha's "Social" pillar include giving members ample opportunities to attend a variety of social events throughout the semester, meeting engineers from other majors, and having fun with one another. Participating in IM Basketball accomplishes this by providing a time for participants to interact with one another as a team whilst competing with other teams in the league. The competitive aspect makes for an added sense of camaraderie that furthers the promotion of the social pillar.

iii. Organization and Administration

Social Coordinators Lais Haddad and Antony Sutanto oversaw the creation of the Basketball squad. Responsibilities mainly included reaching out to members and polling them to put together a squad that can play on our predetermined dates. After the creation of the squad, Social Coordinator Antony Sutanto was assigned as team captain and given the responsibility of running the team and coordinating with fellow teammates.

iv. **Total Cost**

\$90.0

v. **Cost Breakdown**

\$90 was spent for the registration of a TBP Basketball team in the UT IM league.

vi. **Special Problems Encountered**

The biggest issue we faced with putting together the team was female participation. It was much more difficult to find female players to balance the team than it was finding male players, especially given the late time slot we had. We also were not aware of the fact that we could reserve a spot in a league before registering a squad, meaning that we could have chosen a more ideal time for our members.

vii. **Overall Evaluation**

Overall feedback was very positive. All participants noted that they enjoyed participating in this league and appreciated the opportunity our participation in IM Basketball presented. This event gave students an opportunity to get to know one another while playing Basketball and competing with other teams in the league. In the future, plans will be made to make sure that we register our teams early so that we get a good time slot, which should also help with the female participation issue.

93 IM Soccer Game #1

Texas Alpha

1. Project Information

- i. Date(s): 02/16/22 - 03/09/22
- 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	1

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

i. General Description

As a part of upholding one of Texas Alpha's three pillars, "Social," Tau Beta Pi at UT Austin organized a Soccer team to participate in UT's intramural coed Soccer league. Members could sign up and join the team to play in the games or even come out to support the playing team. Our participation in IM Soccer was a success; the team did not make it to the playoffs but it was a lot of fun for everyone involved.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The objectives of Tau Beta Pi - Texas Alpha's "Social" pillar include giving members ample opportunities to attend a variety of social events throughout the semester, meeting engineers from other majors, and having fun with one another. Participating in IM Soccer accomplishes this by providing a time for participants to interact with one another as a team whilst competing with other teams in the league. The competitive aspect makes for an added sense of camaraderie that furthers the promotion of the social pillar.

iii. Organization and Administration

Social Coordinator Lais Haddad oversaw the creation of the Soccer squad. Responsibilities mainly included reaching out to members and polling them to put together a squad that can play on our predetermined dates. After the creation of the squad, Lais Haddad was also assigned as team captain and given the responsibility of running the team and coordinating with fellow teammates.

iv. **Total Cost**

\$100.0

v. **Cost Breakdown**

\$100 was spent for the registration of a TBP Soccer team in the UT IM league.

vi. **Special Problems Encountered**

The biggest issue we faced with putting together the team was female participation. It was much more difficult to find female players to balance the team than it was finding male players. We also were not aware of the fact that we could reserve a spot in a league before registering a squad, meaning that we could have chosen a more ideal time for our members.

vii. **Overall Evaluation**

Overall feedback was very positive. All participants noted that they enjoyed participating in this league and appreciated the opportunity our participation in IM Soccer presented. This event gave students an opportunity to get to know one another while playing Soccer and competing with other teams in the league. In the future, plans will be made to make sure that we register our teams early so that we get a good time slot, which should also help with the female participation issue.

94 IM Soccer Game #2 (Practice)

Texas Alpha

1. Project Information

- i. Date(s): 02/16/22 - 03/09/22
- 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	1

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

- i. **General Description**

As a part of upholding one of Texas Alpha's three pillars, "Social," Tau Beta Pi at UT Austin organized a Soccer team to participate in UT's intramural coed Soccer league. Members could sign up and join the team to play in the games or even come out to support the playing team. Our participation in IM Soccer was a success; the team did not make it to the playoffs but it was a lot of fun for everyone involved.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

The objectives of Tau Beta Pi - Texas Alpha's "Social" pillar include giving members ample opportunities to attend a variety of social events throughout the semester, meeting engineers from other majors, and having fun with one another. Participating in IM Soccer accomplishes this by providing a time for participants to interact with one another as a team whilst competing with other teams in the league. The competitive aspect makes for an added sense of camaraderie that furthers the promotion of the social pillar.
- iii. **Organization and Administration**

Social Coordinator Lais Haddad oversaw the creation of the Soccer squad. Responsibilities mainly included reaching out to members and polling them to put together a squad that can play on our predetermined dates. After the creation of the squad, Lais Haddad was also assigned

as team captain and given the responsibility of running the team and coordinating with fellow teammates.

iv. **Total Cost**

\$100.0

v. **Cost Breakdown**

\$100 was spent for the registration of a TBP Soccer team in the UT IM league.

vi. **Special Problems Encountered**

The biggest issue we faced with putting together the team was female participation. It was much more difficult to find female players to balance the team than it was finding male players. We also were not aware of the fact that we could reserve a spot in a league before registering a squad, meaning that we could have chosen a more ideal time for our members.

vii. **Overall Evaluation**

Overall feedback was very positive. All participants noted that they enjoyed participating in this league and appreciated the opportunity our participation in IM Soccer presented. This event gave students an opportunity to get to know one another while playing Soccer and competing with other teams in the league. In the future, plans will be made to make sure that we register our teams early so that we get a good time slot, which should also help with the female participation issue.

95 IM Soccer Game #3

Texas Alpha

1. Project Information

- i. Date(s): 02/16/22 - 03/09/22
- 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	6

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

i. General Description

As a part of upholding one of Texas Alpha's three pillars, "Social," Tau Beta Pi at UT Austin organized a Soccer team to participate in UT's intramural coed Soccer league. Members could sign up and join the team to play in the games or even come out to support the playing team. Our participation in IM Soccer was a success; the team did not make it to the playoffs but it was a lot of fun for everyone involved.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The objectives of Tau Beta Pi - Texas Alpha's "Social" pillar include giving members ample opportunities to attend a variety of social events throughout the semester, meeting engineers from other majors, and having fun with one another. Participating in IM Soccer accomplishes this by providing a time for participants to interact with one another as a team whilst competing with other teams in the league. The competitive aspect makes for an added sense of camaraderie that furthers the promotion of the social pillar.

iii. Organization and Administration

Social Coordinator Lais Haddad oversaw the creation of the Soccer squad. Responsibilities mainly included reaching out to members and polling them to put together a squad that can play on our predetermined dates. After the creation of the squad, Lais Haddad was also assigned as team captain and given the responsibility of running the team and coordinating with fellow teammates.

iv. **Total Cost**

\$100.0

v. **Cost Breakdown**

\$100 was spent for the registration of a TBP Soccer team in the UT IM league.

vi. **Special Problems Encountered**

The biggest issue we faced with putting together the team was female participation. It was much more difficult to find female players to balance the team than it was finding male players. We also were not aware of the fact that we could reserve a spot in a league before registering a squad, meaning that we could have chosen a more ideal time for our members.

vii. **Overall Evaluation**

Overall feedback was very positive. All participants noted that they enjoyed participating in this league and appreciated the opportunity our participation in IM Soccer presented. This event gave students an opportunity to get to know one another while playing Soccer and competing with other teams in the league. In the future, plans will be made to make sure that we register our teams early so that we get a good time slot, which should also help with the female participation issue.

96 IM Soccer Game #4

Texas Alpha

1. Project Information

- i. Date(s): 02/16/22 - 03/09/22
- 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	5

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

i. General Description

As a part of upholding one of Texas Alpha's three pillars, "Social," Tau Beta Pi at UT Austin organized a Soccer team to participate in UT's intramural coed Soccer league. Members could sign up and join the team to play in the games or even come out to support the playing team. Our participation in IM Soccer was a success; the team did not make it to the playoffs but it was a lot of fun for everyone involved.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The objectives of Tau Beta Pi - Texas Alpha's "Social" pillar include giving members ample opportunities to attend a variety of social events throughout the semester, meeting engineers from other majors, and having fun with one another. Participating in IM Soccer accomplishes this by providing a time for participants to interact with one another as a team whilst competing with other teams in the league. The competitive aspect makes for an added sense of camaraderie that furthers the promotion of the social pillar.

iii. Organization and Administration

Social Coordinator Lais Haddad oversaw the creation of the Soccer squad. Responsibilities mainly included reaching out to members and polling them to put together a squad that can play on our predetermined dates. After the creation of the squad, Lais Haddad was also assigned as team captain and given the responsibility of running the team and coordinating with fellow teammates.

iv. **Total Cost**

\$100.0

v. **Cost Breakdown**

\$100 was spent for the registration of a TBP Soccer team in the UT IM league.

vi. **Special Problems Encountered**

The biggest issue we faced with putting together the team was female participation. It was much more difficult to find female players to balance the team than it was finding male players. We also were not aware of the fact that we could reserve a spot in a league before registering a squad, meaning that we could have chosen a more ideal time for our members.

vii. **Overall Evaluation**

Overall feedback was very positive. All participants noted that they enjoyed participating in this league and appreciated the opportunity our participation in IM Soccer presented. This event gave students an opportunity to get to know one another while playing Soccer and competing with other teams in the league. In the future, plans will be made to make sure that we register our teams early so that we get a good time slot, which should also help with the female participation issue.

97 Trivia Social (vs PTS)

Texas Alpha

1. Project Information

- i. Date(s): 02/17/22
- 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	9
Electees	5

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

i. General Description

As a part of upholding one of Texas Alpha's three pillars, "Social," Tau Beta Pi at UT Austin organized a Trivia Social as a joint social event with Pi Tau Sigma (PTS), the Mechanical Engineering Honor Society of UT Austin. Members could join and participate in a trivia game between the two organizations. No purchases were made for the social. The social overall received great feedback, with all participants rating it highly and stating they would participate in a similar social again.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The objectives of Tau Beta Pi - Texas Alpha's "Social" pillar include giving members ample opportunities to attend a variety of social events throughout the semester, meeting engineers from other majors, and having fun with one another. The Trivia Social accomplishes this by providing a time for participants to interact with one another both within the organization and with PTS members while competing in trivia games with one another.

iii. **Organization and Administration**

Social Coordinators Antony Sutanto and Lais Haddad were charged with organizing and executing the event. Responsibilities included writing trivia questions, advertising the event to the organization, bringing snacks and drinks, and facilitating the gameplay during the event. Responsibilities were divided between the two officers.

iv. **In Conjunction With**

Pi Tau Sigma at UT Austin

v. **Total Cost**

\$0.0

vi. **Cost Breakdown**

No money was spent for this event. Money previously used to purchase snacks and drinks in a prior social (the Super Bowl Social) was rolled over to this event. Participation requires a good amount of players from both organizations to form full teams; while 14 members from TBP showed up, only 3 PTS members were able to attend.

vii. **Special Problems Encountered**

TBP attendance was far greater than PTS (14>3), so adjustments were made to move a few TBP members to the PTS team in order to better balance the two sides during the event. This was the only major issue that occurred during the event and was resolved quickly. The rest of the event ran smoothly.

viii. **Overall Evaluation**

Overall feedback was very positive. In a post-social survey, participants rated the event an overall 4.1/5, with 5 being the best experience. All participants noted that they would like to join the event if it was held again in the future. This event gave students an opportunity to get to know one another and to meet members from another organization while playing in trivia, increasing social interaction among members. In the future, plans will be made to better advertise the event to the respective organizations so attendance can be better for both sides.

98 Engineering Futures - The Advantages of Learning a Second Language for Engineers

Texas Alpha

1. Project Information

- i. Date(s): 02/17/22
- 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	8
Electees	3

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

- i. **General Description**
Attended the online Engineering Futures event about the benefits of knowing a second language for engineers
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**
The event helped members learn the benefits of knowing a second language in their career, fulfilling the objective of Tau Beta Pi to advance the professional development of members.
- iii. **Organization and Administration**
Notified members of the event and distributed the sign up link.
- iv. **Total Cost**
\$0.0
- v. **Cost Breakdown**
None
- vi. **Special Problems Encountered**
None

vii. **Overall Evaluation**

The event was a good exploration of how, despite common belief, learning a second language is beneficial for engineers

99 Engineering Day of Service

Texas 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	3
Electees	3

- v. Average number of hours per person spent:

Participating	Organizing
2.0	2.0

2. Project Evaluation

i. General Description

We volunteered at the Engineering Day of Service, an event hosted by the Student Engineering Council during E-Week. The event was split into two groups. The first group wrote letters to hospitalized children for their birthday and to hospital staff to thank them for their service. The other group helped clean and pick up trash at a local park.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

This event helped our TBP chapter give back to the community and thank our healthcare workers for their dedication.

iii. Organization and Administration

Our chapter's involvement with the event was coordinated by the two service coordinator. The main components of the event were mainly organized by the SEC. The service coordinators communicated the event to our chapter's members and led our group at the event.

iv. In Conjunction With

UT Student Engineering Council

v. Total Cost

\$0.0

vi. **Cost Breakdown**

This event didn't have any costs associated with it. Food and supplies were provided by the SEC.

vii. **Special Problems Encountered**

The event sign-up filled up faster than expected so the number of members able to participate was limited.

viii. **Overall Evaluation**

The event was a success. The organization was able to have a positive impact on its surrounding community and promote one of the main pillars of TBP. In the future, registration for events will be encouraged much earlier.

100 E-Week

Texas Alpha

1. Project Information

- i. Date(s): 02/21/22 - 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	16
Electees	5

- v. Average number of hours per person spent:

Participating	Organizing
1.0	4.0

2. Project Evaluation

- i. **General Description**

Members of TBP participated in UT E-Week, a week long competition between engineering organizations. With around 50 separately hosted events, members acquired hours for participating in events and helping organize TBP hosted events.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

Participation in E-Week helps boost the excellence of Tau Beta Pi while also strengthening familiar bonds amongst members.
- iii. **Organization and Administration**

The Special Events Coordinator choose and organized an event to host for E-Week under Tau Beta Pi. Other officers were then asked to help the hour prior to the event to help set up. The activity went according to the planned document written beforehand.
- iv. **Total Cost**

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

No costs. Participation was adequate.
- vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

The chapter successfully hosted events and participated in other organizations' events throughout the duration of E-Week. As this was the first year Tau Beta Pi participated seriously in Tau Beta Pi, more could have been done in terms of promotion and organization. For future E-Week participations it is recommended to create a separate committee from the officer team to help organize events.

101 Fireside with Dr. Saikishan Suryanarayanan

Texas Alpha

1. Project Information

- i. Date(s): 02/23/22
- 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	10
Electees	7

- v. Average number of hours per person spent:

Participating	Organizing
0.5	1.25

2. Project Evaluation

i. General Description

For this fireside, TBP members and candidates met with Dr. Saikishan Suryanarayanan, a research associate and lecturer in the Department of Aerospace Engineering and Engineering Mechanics at UT. Dr. Suryanarayanan primarily works on AFOSR sponsored research on roughness-induced boundary layer transition. Dr. Suryanarayanan had a prepared slideshow showcasing his ongoing research on the effects of bug splatter on aircraft aerodynamics, and also added in his own stories of other research and projects he has been involved with. Roughly halfway through the presentation the session shifted to Q&A, with Dr. Suryanarayanan fielding various questions related to his presentation and academic career. At the end Dr. Suryanarayanan also stayed back a few minutes to answer follow-up questions.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

As with all faculty firesides, this event provided TBP members and candidates with the opportunity to meet with a faculty member in a casual setting, allowing students a window into the interesting and varied career of a current UT Austin engineering faculty member. The Q&A discussion also provided attendees with a chance to ask questions on topics of interest related to the discussion.

iii. **Organization and Administration**

The event was planned by the chapter recording secretary, who reached out to Dr. Suryanarayanan via email. A date was arranged, after which members and candidates were invited to sign up to attend. The recording secretary worked with the Vice President of Operations to order and purchase food for the meeting. This fireside was held in-person in a classroom on campus. The recording secretary guided the general format of the conversation as necessary: introducing Dr. Suryanarayanan once the fireside began, adding in additional questions or prompting questions from the audience during Q&A, and thanking Dr. Suryanarayanan at the end of the event.

iv. **Total Cost**

\$170.81

v. **Cost Breakdown**

Food was purchased for the attendees.

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

This was a great first fireside for the Spring '22 semester. Dr. Suryanarayanan was an engaging and easygoing speaker, and he covered an interesting topic that not many of the audience had previously thought about. He also provided some good responses to questions regarding his academic career and what led him to his current field and focus. Overall engagement and attendance was high, and the session took the full hour allotted.

102 General Meeting #2

Texas Alpha

1. Project Information

- i. Date(s): 02/24/22
- 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	35
Electees	22

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.0

2. Project Evaluation

i. General Description

This event was the second General Meeting of the Spring 2022 semester, and we executed this event in a fully in-person format. As for the planning of the event, we marketed the General Meeting through our weekly chapter newsletter as well as on our social media.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The purpose of this event is to inform our members of the requirements of joining this organization as well as to notify them about upcoming events we are hosting. Afterwards, we did a Sig Block Party where electees had the opportunity to complete their sig block requirement while there were still a bunch of people at the event.

iii. Organization and Administration

The organization of the event was distributed amongst the event coordinators to fill out their specific event updates, while the planning of the overall event was brainstormed by the entire officer team, but executed by the executive officers. The Vice President Internal led the meeting. The rest of the officer team primarily aided in handling technical issues, engaging with our members, and ensuring that the contents of the General Meeting were complete.

iv. Total Cost

\$500.0

v. **Cost Breakdown**

The only expense that we had was paying for the food for the in-person portion of the event.

vi. **Special Problems Encountered**

We didn't have any special problems running this event.

vii. **Overall Evaluation**

The General Meeting was overall a very successful event. Although we had some members unable to make it due to it being fully in-person, we want to begin the transition to fully in-person and it is to be expected that the first fully in-person GM would have a few people unable to attend as they are getting used to the new format.

103 Sig Block Social #1

Texas Alpha

1. Project Information

- i. Date(s): 02/24/22
- 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	21
Electees	12

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

i. General Description

This event was held as a part of our efforts to uphold the "Social" pillar of Tau Beta Pi whilst also simultaneously helping candidates complete their sig block requirement. In order to facilitate optimal social interactions, we decided to hold this social right after the GM. All in all, this social was a great success; we had great turnout and a lot of the candidates were able to put in significant progress on their blocks.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The objectives of Tau Beta Pi - Texas Alpha's "Social" pillar include giving members ample opportunities to attend a variety of social events throughout the semester, meeting engineers from other majors, and having fun with one another. The sig block social accomplishes this by giving candidates and actives a chance to get together whilst also facilitating and incentivizing social interactions through the sig block requirement.

iii. Organization and Administration

Social Coordinators Antony Sutanto and Lais Haddad organized this event. Responsibilities mainly consisted of advertising the event to the organization and urging actives and officers to be present. Since this was the first sig block social, we decided to hold it right after the GM since that would be the most ideal time for candidates to get signatures, especially those of officers and actives.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

No money was spent for this event.

vi. **Special Problems Encountered**

The event ran quite smoothly and no problems were encountered.

vii. **Overall Evaluation**

Overall feedback was very positive. We held this sig block social right after the GM, so the attendance of both candidates and actives was great. In the future, we will plan a stand-alone sig block social where the sole purpose of members coming out would be to socialize with each other and get the sig block done.

104 Fireside with Dr. Maria Juenger

Texas Alpha

1. Project Information

- i. Date(s): 03/01/22
- 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	8
Electees	11

- v. Average number of hours per person spent:

Participating	Organizing
0.5	1.25

2. Project Evaluation

i. General Description

For this fireside, TBP members and candidates met with Dr. Maria Juenger, a professor in the Department of Civil, Architectural and Environmental Engineering, and the Associate Dean for Graduate Education Transformation in the Graduate School at UT. Dr. Juenger specializes in cement and concrete, including hydration chemistry and microstructure of portland cement, concrete durability and chemical deterioration, and the environmental impact of concrete production. Dr. Juenger immediately opened the fireside to questions, creating a more casual discussion driven by the attending members. She fielded various questions related to her research, her experience going to graduate school in a different field than her undergraduate degree, and other topics including job searches.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

As with all faculty firesides, this event provided TBP members and candidates with the opportunity to meet with a faculty member in a casual setting, allowing students a window into the interesting and varied career of a current UT Austin engineering faculty member. The Q&A discussion also provided attendees with a chance to ask questions on topics of interest related to the discussion.

iii. **Organization and Administration**

The event was planned by the chapter recording secretary, who reached out to Dr. Juenger via email and in class. A date was arranged, after which members and candidates were invited to sign up to attend. The recording secretary worked with the Vice President of Operations to order and purchase food for the meeting. This fireside was held in-person in a classroom on campus. The recording secretary guided the general format of the conversation as necessary: introducing Dr. Juenger once the fireside began, adding in additional questions or prompting questions from the audience during Q&A, and thanking Dr. Juenger at the end of the event.

iv. **Total Cost**

\$164.97

v. **Cost Breakdown**

Food was purchased for the attendees.

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

This was another interesting fireside for the spring semester. Dr. Juenger was an engaging and entertaining speaker, and covered quite a lot of information in the hour we had. Her format of having the audience drive the discussion was a nice option to allow for more engagement and participation. Continuing the trend from Dr. Suryanarayanan's fireside, attendance was higher than in the fall semester firesides, and engagement was strong.

105 TBP Burger Burn #2

Texas Alpha

1. Project Information

- i. Date(s): 03/02/22
- 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
Members	18
Electees	7

- v. Average number of hours per person spent:

Participating	Organizing
3.0	1.5

2. Project Evaluation

- i. **General Description**

The Burger Burn is our longstanding fundraising event, where we grill and sell burgers, hot dogs, drinks, and chips to passersby from early morning to early afternoon.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

The Burger Burn raises money for TBP (used for such expenditures as scholarships), and is the best publicity TBP has since a lot of people stop by the Burger Burn.
- iii. **Organization and Administration**

It was organized at the end of January with UT Austin's Environmental Health and Safety Services, Fire Prevention Services, and The Dean of Students' Office.
- iv. **Total Cost**

\$231.34
- v. **Cost Breakdown**

The cost of running the Burger Burn was about \$231.34 from Tau Beta Pi's UFCU checking account. No personal reimbursements were required.
- vi. **Special Problems Encountered**

The Burger Burn ran very smoothly, no problems.
- vii. **Overall Evaluation**

The Burger Burn ran smoothly, and we made approximately \$238.10 in profit.

106 ECAC Presentation

Texas 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	3
Electees	4

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

- i. **General Description**

I invited the director of the UT engineering career center to give an AMA style presentation to members. The presentation included resume and interview tips and general career advice.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This event helped members have any questions related to professional development answered, helping them build their professional skills and be ready to enter an engineering career.
- iii. **Organization and Administration**

I organized the event and it occurred to plan.
- iv. **Total Cost**

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

No funds were needed.
- vi. **Special Problems Encountered**

None.
- vii. **Overall Evaluation**

The event was a success with the speaker providing super helpful and interesting advice. Attendees felt much more confident about their interview skills afterwards.

107 Trivia Social (vs OXE)

Texas Alpha

1. Project Information

- i. Date(s): 03/04/22
- 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	16
Electees	8

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

i. General Description

As a part of upholding one of Texas Alpha's three pillars, "Social," Tau Beta Pi at UT Austin organized a Trivia Social as a joint social event with Omega Chi Epsilon (OXE), the Chemical Engineering Honor Society of UT Austin. Members could join and participate in a trivia game between the two organizations. Food, snacks, and drinks were purchased for this joint social. The social overall received great feedback, with all participants rating it highly and stating they would participate in a similar social again.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The objectives of Tau Beta Pi - Texas Alpha's "Social" pillar include giving members ample opportunities to attend a variety of social events throughout the semester, meeting engineers from other majors, and having fun with one another. The Trivia Social accomplishes this by providing a time for participants to interact with one another both within the organization and with OXE members while competing in trivia games with one another.

iii. Organization and Administration

Social Coordinators for TBP, Antony Sutanto and Lais Haddad, teamed up with social coordinators for OXE, Matthew Wood and Franklin Tang, to organize and execute the event. Responsibilities included writing trivia questions, advertising the event to the organizations,

purchasing food, snacks and drinks, and facilitating the gameplay during the event. Responsibilities were divided between the four officers.

iv. **In Conjunction With**

Omega Chi Epsilon at UT Austin

v. **Total Cost**

\$112.65

vi. **Cost Breakdown**

\$112.65 was spent for this event. Money was used to purchase pizza, snacks, and drinks. Participation requires a good amount of players from both organizations to form full teams; around 20 students showed up for TBP and another 16 students showed up for OXE, which allowed for balanced teams.

vii. **Special Problems Encountered**

The overall event ran quite smoothly. However, feedback after the event stated that questions should be tuned more so towards pop culture/current events rather than literature and historical questions, which was less accessible to most of the students attending. Although the trivia game was competitive, at times it felt as though only a few members of each team were contributing to the team since the rest of the team wasn't quite familiar with the material.

viii. **Overall Evaluation**

Overall feedback was very positive. In a post-social survey, participants rated the event an overall 4.33/5, with 5 being the best experience. All participants noted that they would like to join the event if it was held again in the future. This event gave students an opportunity to get to know one another and to meet members from another organization while playing in trivia, increasing social interaction among members. In the future, plans will be made to write better questions that are both challenging yet accessible to the students, and more creative strategies to the format of the trivia games will be made to get more members of the teams involved.

108 It's My Park Day

Texas Alpha

1. Project Information

- i. Date(s): 03/05/22
- 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	11
Electees	11

- v. Average number of hours per person spent:

Participating	Organizing
5.0	3.5

2. Project Evaluation

i. General Description

We volunteered during It's My Park Day, a biannual event held by the Austin Parks Foundation that aims to clean and renovate green spaces throughout the city. The main group of participants volunteered at Overton Elementary School where they helped build and renovate a garden space for the students. Another smaller group volunteered at Houston School Park where they mulched trees and cleaned the area.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

One of our core values of TBP is to serve the community. The service that our candidates complete is an important aspect of their candidacy and the service that actives do allows them to help improve their community and continue being active members of TBP. Our work in maintaining schools and public parks allows them to continue to be enjoyed by the residents of Austin.

iii. Organization and Administration

The registering, sign-ups, and transportation were planned by the Service Coordinators. Firstly, we gathered the amount of interest there was in volunteering at this event to help me choose how many and which location to volunteer at. After selecting the main service opportunity, we had everyone interested sign up. Several members were unable to register in time since this

service day is open to the public. An additional event was planned for these members to attend. Lastly, we organized the transportation by ensuring we had enough spots and left early enough to arrive to the event on time.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

There were no associated costs and the event had a sufficient amount of volunteers attend.

vi. **Special Problems Encountered**

The amount of volunteers able to go to a single event was capped at various amounts and the registration was open to the public far in advance of the event. Since the schedule of college students is often changing it was not practical to make those interested sign up 2 months in advance. While I wasn't able to get the whole group at one event, I was able to coordinate an additional event so anyone interested could volunteer.

vii. **Overall Evaluation**

Overall, this service event was a success. We had good attendance from our electees which ensures that they are completing their requirements before the end of the semester.

109 Paintball Social

Texas Alpha

1. Project Information

- i. Date(s): 03/06/22
- 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	12
Electees	3

- v. Average number of hours per person spent:

Participating	Organizing
2.0	2.0

2. Project Evaluation

i. General Description

As a part of upholding one of Texas Alpha's three pillars, "Social," Tau Beta Pi at UT Austin organized a Paintball Social event. Members could sign up and participate in a two hour series of paintball matches. The number of participants was limited to less than 24, but we did not come close to that limit anyways. Snacks and drinks were provided at this social. The social overall was a great success; everyone who came out had a great time and said they would come out again.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The objectives of Tau Beta Pi - Texas Alpha's "Social" pillar include giving members ample opportunities to attend a variety of social events throughout the semester, meeting engineers from other majors, and having fun with one another. The Paintball Social accomplishes this by providing a time for participants to interact with one another while playing paintball and competing with each other. The competitive aspect of paintball makes for an added sense of camaraderie that furthers the promotion of the social pillar.

iii. Organization and Administration

Social Coordinator Lais Haddad organized this event. Responsibilities included finding an appropriate venue (distance and cost-wise), advertising the event to the organization, arranging rides, managing the financial cost of the event, and providing snacks and drinks.

iv. **Total Cost**

\$435.0

v. **Cost Breakdown**

\$435 was spent for this event. Money was used to cover admission and paint. We originally were expecting 20 people to show up at this event, but we ended up getting 15, the minimum required by the venue for a private party.

vi. **Special Problems Encountered**

The biggest issue this event faced was turnout. We had a lot of people cancel on us at the last second to the point where we did not have enough people to hold the event until we found someone who was willing to save the day. In the end though, the reduced number turned out to be perfect for both the financial aspect and the fun aspect of the actual paintball matches.

vii. **Overall Evaluation**

Overall feedback was very positive. All participants noted that they would like to join the event if it was held again in the future. This event gave students an opportunity to get to know one another while playing paintball and competing with one another. In the future, plans will be made to cap attendance at only 16 people so that the event does not become too hectic or too costly.

110 90's Hip Hop Family Social

Texas Alpha

1. Project Information

- i. Date(s): 03/06/22
- 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	5
Electees	4

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

- i. **General Description**

In preparation for our family dress up day on March 10, 2022, we organized a social to discuss what to wear and perform. We came up with various plans and voted by majority vote to decide on the best idea. We then split tasks, including shopping, music-editing, and choreographing, among participants.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

The social provided a great bonding experience for the TBP community. Candidates and actives from various majors got to know each other better.
- iii. **Organization and Administration**

Not organized in conjunction with another group.
- iv. **Total Cost**

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

None.
- vi. **Special Problems Encountered**

None.

vii. **Overall Evaluation**

We were able to plan out the general theme of the dress-up day, and took some valuable pictures. Candidates and actives both enjoyed the social.

111 Sig Block Social #2

Texas Alpha

1. Project Information

- i. Date(s): 03/07/22
- 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	17
Electees	18

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

i. General Description

This event was held as a part of our efforts to uphold the “Social” pillar of Tau Beta Pi whilst also simultaneously helping candidates complete their sig block requirement. Unlike last time, this sig block social was held stand-alone of any other event, and it was a bigger success than the last sig block social. All in all, this social was a great success; we had great turnout and a lot of the candidates were able to put in significant progress on their blocks.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The objectives of Tau Beta Pi - Texas Alpha’s "Social" pillar include giving members ample opportunities to attend a variety of social events throughout the semester, meeting engineers from other majors, and having fun with one another. The sig block social accomplishes this by giving candidates and actives a chance to get together whilst also facilitating and incentivizing social interactions through the sig block requirement.

iii. Organization and Administration

Social Coordinators Antony Sutanto and Lais Haddad organized this event. Responsibilities mainly consisted of advertising the event to the organization and urging actives and officers to be present. This time around, we decided to make the sig block social a stand-alone event (unlike last time where it was right after a GM), and the turnout was much better.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

No money was spent for this event.

vi. **Special Problems Encountered**

The event ran quite smoothly and no problems were encountered.

vii. **Overall Evaluation**

Overall feedback was very positive, even more so than last time. Attendance was excellent; the candidates came out in good numbers (which was expected) and the active attendance was pretty solid too. All in all, this event was a big success. In the future, one way we could boost attendance even more could be by moving the social earlier to the time where folks finish their classes.

112 Fireside with Dr. Tom Yankeelov

Texas Alpha

1. Project Information

- i. Date(s): 03/07/22
- 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	11
Electees	14

- v. Average number of hours per person spent:

Participating	Organizing
0.5	1.3

2. Project Evaluation

i. General Description

For this fireside, TBP members and candidates met with Dr. Tom Yankeelov, a professor of biomedical engineering and medicine at The University of Texas at Austin. He serves as the director of the Center for Computational Oncology in the Institute for Computational and Engineering Sciences and as director of cancer imaging research within the Livestrong Cancer Institutes. Dr. Yankeelov had a prepared presentation for the fireside, and used an example of cancer imaging to illustrate his research. He also talked about his personal life and family, and how he balanced work and family life. Roughly halfway through the presentation the session shifted to Q&A, with Dr. Yankeelov fielding various questions related to his presentation and academic career.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

As with all faculty firesides, this event provided TBP members and candidates with the opportunity to meet with a faculty member in a casual setting, allowing students a window into the interesting and varied career of a current UT Austin engineering faculty member. The Q&A discussion also provided attendees with a chance to ask questions on topics of interest related to the discussion.

iii. **Organization and Administration**

The event was planned by the chapter recording secretary, who reached out to Dr. Yankeelov via email. A date was arranged, after which members and candidates were invited to sign up to attend. This fireside was held on Zoom per Dr. Yankeelov's preference. The recording secretary guided the general format of the conversation as necessary: introducing Dr. Yankeelov once the fireside began, adding in additional questions or prompting questions from the audience during Q&A, and thanking Dr. Yankeelov at the end of the event.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

This fireside was perhaps the most entertaining of all firesides for the year. Dr. Yankeelov had a great sense of humor that kept the attendees engaged and entertained. He had an interesting presentation and afterwards was happy to answer questions pertaining to both his work and life in general. Attendance was incredibly high for this fireside, and audience engagement was also high.

113 Musicals Family Social #1

Texas Alpha

1. Project Information

- i. Date(s): 03/08/22
- 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	5

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

- i. **General Description**

We conducted a family meeting to coordinate our costumes for dress up day that would occur on March 10, 2022.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This was our first family meeting, which created a bonding experience between the TBP members in the musicals family as everyone got to know each other better.
- iii. **Organization and Administration**

Haley created a zoom that all candidates and actives of the family could join to collaborate on what to wear for dress up day.
- iv. **Total Cost**

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

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

N/A
- vii. **Overall Evaluation**

We finalized what everyone would be wearing for dress up day and cleared up any questions/concerns.

114 Engineering Futures - Learn About an Asset with Benefits for Life

Texas Alpha

1. Project Information

- i. Date(s): 03/08/22
- 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	5

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

- i. **General Description**

The event was the online engineering futures event that discussed the benefits of buying life insurance at a young age.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This event discussed a financial decision that attendees could make that would benefit them in their careers, aligning with the TBP objective of career success.
- iii. **Organization and Administration**

I made members aware of the event and distributed the sign up link.
- iv. **Total Cost**

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

No costs were needed
- vi. **Special Problems Encountered**

None
- vii. **Overall Evaluation**

The event was an interesting discussion about the benefits of an untraditional financial decision.

115 Musicals Family Social #2

Texas Alpha

1. Project Information

- i. Date(s): 03/10/22
- 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	5

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

- i. **General Description**

A family meeting was planned to organize the routine part of family dress up day.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

Candidates and actives got together and enjoyed learning a routine for family dress up day while getting to know each other better.
- iii. **Organization and Administration**

Officers got together to teach candidates and actives who were not familiar with the routine right before the meeting.
- iv. **Total Cost**

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

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

N/A
- vii. **Overall Evaluation**

The meeting was very productive because everyone who was going to be at the general meeting to perform the routine showed up to practice. The result was our family getting first place on dress-up day.

116 Modern Rap Family Social #1

Texas Alpha

1. Project Information

- i. Date(s): 03/10/22
- 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	7

- v. Average number of hours per person spent:

Participating	Organizing
0.5	1.0

2. Project Evaluation

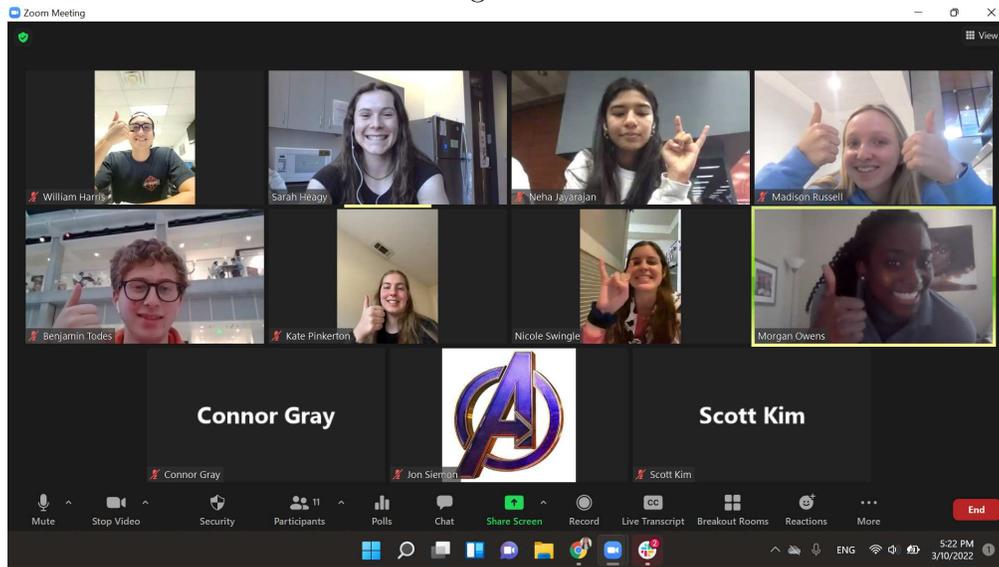
- i. **General Description**
Family meeting to organize routine and costumes for the family dress-up portion of the third general meeting.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**
Bonding for modern rap family that helped plan part of GM #3.
- iii. **Organization and Administration**
Sarah created the zoom meeting link to send to actives and candidates, participants joined to collaborate on dress-up routine.
- iv. **Total Cost**
\$0.0
- v. **Cost Breakdown**
No cost
- vi. **Special Problems Encountered**
None

vii. **Overall Evaluation**

This meeting was effective in planning out our costumes and making sure everyone was on the same page with our routine going into the third general meeting. Better results could be achieved if all members of the family (actives and candidates) were present, as that way we would all know exactly what's going on and make sure everyone got a chance to voice their questions/concerns/comments.

3. **Additional Attachments**

Figure 3:



117 General Meeting #3

Texas Alpha

1. Project Information

- i. Date(s): 03/10/22
- 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	34
Electees	26

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.0

2. Project Evaluation

i. General Description

This event was the third General Meeting of the Spring 2022 semester, and we executed this event in a fully in-person format. As for the planning of the event, we marketed the General Meeting through our weekly chapter newsletter as well as on our social media.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The purpose of this event is to inform our members of the requirements of joining this organization as well as to notify them about upcoming events we are hosting. We also had family dress up day this meeting, which consists of each family dressing up based on their theme and performing.

iii. Organization and Administration

The organization of the event was distributed amongst the event coordinators to fill out their specific event updates, while the planning of the overall event was brainstormed by the entire officer team, but executed by the executive officers. The Vice President Internal led the meeting. The rest of the officer team primarily aided in handling technical issues, engaging with our members, and ensuring that the contents of the General Meeting were complete.

iv. Total Cost

\$500.0

v. **Cost Breakdown**

The only expense that we had was paying for the food for the in-person portion of the event.

vi. **Special Problems Encountered**

We didn't have any special problems running this event.

vii. **Overall Evaluation**

The General Meeting was overall a very successful event. Although we had some members unable to make it due to it being fully in-person, we want to begin the transition to fully in-person and it is to be expected that the first fully in-person GM would have a few people unable to attend as they are getting used to the new format.

118 Engineering Futures - Application Tips for TBP Scholarships

Texas 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
Members	3
Electees	7

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

- i. **General Description**
Attended the online Engineering futures event giving application tips for the TBP Scholarship
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**
This event helped members with their applications to the TBP scholarship, aligning with the TBP goal of supporting engineering education.
- iii. **Organization and Administration**
I made members aware of the event and distributed the sign up link
- iv. **Total Cost**
\$0.0
- v. **Cost Breakdown**
No costs
- vi. **Special Problems Encountered**
none
- vii. **Overall Evaluation**
The event was super helpful for members in completing their TBP scholarship applications.

119 Painting Social

Texas Alpha

1. Project Information

- i. Date(s): 03/22/22
- 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	11
Electees	5

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

i. General Description

As a part of upholding one of Texas Alpha's three pillars, "Social," Tau Beta Pi at UT Austin organized a Painting Social, where members could join and interact with one another while painting outdoors. Painting supplies, including paint, brushes, and canvases were purchased for this social. The social overall received great feedback, with all participants rating it highly and stating that they would participate in the social again in the future.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The objectives of Tau Beta Pi - Texas Alpha's "Social" pillar include giving members ample opportunities to attend a variety of social events throughout the semester, meeting engineers from other majors, and having fun with one another. The Painting Social accomplishes this by providing a time for participants to interact and relax while painting anything they wished.

iii. Organization and Administration

Social Coordinators Antony Sutanto and Lais Haddad were charged with organizing and executing the event. Responsibilities included acquiring painting supplies, setting up at an outdoor spot for participants to join, advertising the event to the organization, and facilitating the event. Responsibilities were divided evenly between the two officers.

iv. **Total Cost**

\$119.76

v. **Cost Breakdown**

\$119.76 was spent to acquire painting supplies, which included brushes, canvases, and acrylic paint. This one-time payment resulted in an inventory of leftover paint which could be used for future painting socials. Participation was estimated to be around 20 participants and supplies were purchased according to that estimate; in actuality, 16 people participated.

vi. **Special Problems Encountered**

The social was nearly canceled due to severe weather conditions the day prior. However, conditions improved on the day of the event and the event was held. There was still quite a lot of wind, though, and some supplies were blown around throughout the event. Steps could be taken to find indoor alternatives to such an event, especially if severe weather conditions do not permit outdoor activities.

vii. **Overall Evaluation**

Overall feedback was very positive. In a post-social survey, participants rated the event an overall 4.4/5, with 5 being the best experience. All participants noted that they would like to join the event if it was held again in the future. This event gave students an opportunity to get to know one another while having fun with painting, increasing social interaction across the organization's members. In the future, plans will be made to include indoor alternatives in the instance of poor weather as well as finding different venues around the college campus to hold the event.

120 Bent Polishing Social #1

Texas 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	14
Electees	6

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

i. General Description

As a part of upholding one of Texas Alpha's three pillars, "Social," Tau Beta Pi at UT Austin organized a Bent Polishing Social, where members could join and polish their Tau Beta Pi bents while eating food, listening to music, and interacting with one another. Pizza, snacks, and drinks were purchased for the social. The social ran very smoothly overall, with no issues that rose.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The objectives of Tau Beta Pi - Texas Alpha's "Social" pillar include giving members ample opportunities to attend a variety of social events throughout the semester, meeting engineers from other majors, and having fun with one another. The Bent Polishing Social accomplishes this by providing a time for participants to join together while also working on completing part of their candidacy requirements by polishing their bents.

iii. Organization and Administration

Social Coordinators Antony Sutanto and Lais Haddad were charged with organizing and executing the event. Responsibilities included reserving a classroom, acquiring food, snacks, and drinks, advertising the event to the organization, and facilitating the event. Responsibilities were divided evenly between the two officers.

iv. **Total Cost**

\$164.54

v. **Cost Breakdown**

\$164.54 was spent to acquire food and drinks. This payment included leftover snacks and drinks that could be used for future events. Food was purchased based on estimates of around 20-25 participants; in actuality, 20 people joined the social event.

vi. **Special Problems Encountered**

There were no major problems during this social. Cleaning up at the end took longer than expected due to the shavings of the bent, but was quickly resolved by acquiring disinfectant wipes from another classroom nearby.

vii. **Overall Evaluation**

The overall event was executed well with no issues that rose among participants. This event gave students an opportunity to get to know one another and increase social interaction among its members while they worked on their TBP bents, which was included in their candidacy requirements.

121 Blackland CDC

Texas Alpha

1. Project Information

- i. Date(s): 03/26/22
- 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	8
Electees	8

- v. Average number of hours per person spent:

Participating	Organizing
3.0	3.0

2. Project Evaluation

- i. **General Description**

We picked up trash in the local neighborhood area and major roadways.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This event helped our TBP chapter give back to the community by preserving and enhancing the stock of affordable housing.
- iii. **Organization and Administration**

We split up into 3 groups, with two taking major roads and one walking around the neighborhood.
- iv. **Total Cost**

\$59.86
- v. **Cost Breakdown**

Gloves, plastic bags, and hand sanitizers were bought so that candidates and actives were able to pick up trash withing the neighborhood and major roads.
- vi. **Special Problems Encountered**

The Blackland CDC staff did not show up, so in order to accommodate, we went out to buy the proper equipment to still make an impact for the community.

vii. **Overall Evaluation**

Despite unforeseen issues, our TBP candidates and actives were able to produce a positive impact on its surrounding community and promote one of the main pillars of TBP.

122 Bouldering Social

Texas Alpha

1. Project Information

- i. Date(s): 03/27/22
- 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	15
Electees	7

- v. Average number of hours per person spent:

Participating	Organizing
2.0	2.0

2. Project Evaluation

i. General Description

As a part of upholding one of Texas Alpha's three pillars, "Social," Tau Beta Pi at UT Austin organized a Bouldering Social event. Members could sign up and participate in 2 hours of Bouldering at Austin Bouldering Project. The number of participants was limited due to financial constraints, but we were able to exactly match that that limit. The social overall was a great success; everyone who came out had a great time and said they would come out again.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The objectives of Tau Beta Pi - Texas Alpha's "Social" pillar include giving members ample opportunities to attend a variety of social events throughout the semester, meeting engineers from other majors, and having fun with one another. The Bouldering Social accomplishes this by providing a time for participants to interact with one another while bouldering and attempting to beat the various bouldering routes.

iii. Organization and Administration

Social Coordinator Lais Haddad organized this event. Responsibilities included finding an appropriate venue (distance and cost-wise), advertising the event to the organization, arranging rides, and managing the financial cost of the event.

iv. **Total Cost**

\$264.0

v. **Cost Breakdown**

\$264 was spent for this event. Money was used to cover admission fees for bouldering.

vi. **Special Problems Encountered**

There were no major problems during this social.

vii. **Overall Evaluation**

Overall feedback was very positive. All participants noted that they would like to join the event if it was held again in the future. This event gave students an opportunity to get to know one another while bouldering and attempting to beat the various bouldering routes.

123 Fireside with Dr. Dan Puperi

Texas Alpha

1. Project Information

- i. Date(s): 03/28/22
- 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	17
Electees	10

- v. Average number of hours per person spent:

Participating	Organizing
0.5	1.3

2. Project Evaluation

i. General Description

For this fireside, TBP members and candidates met with Dr. Dan Puperi, a lecturer in the Department of Biomedical Engineering at UT. Dr. Puperi has had an interesting career path, first working with United Space Alliance as an aeronautical engineer on space shuttle launches in Mission Control, before returning to academia after the shutdown of the space shuttle program to receive his PhD in biomedical engineering. Similar to Dr. Juenger, Dr. Puperi immediately opened the fireside to questions, creating a more casual discussion driven by the attending members. He fielded various questions related to his career and switching between fields, the graduate school experience, dealing with high stressful workloads, and advice for students preparing to enter the workforce upon graduation. He also stayed for an extra 45 minutes to chat with some of the students over dinner.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

As with all faculty firesides, this event provided TBP members and candidates with the opportunity to meet with a faculty member in a casual setting, allowing students a window into the interesting and varied career of a current UT Austin engineering faculty member. The Q&A discussion also provided attendees with a chance to ask questions on topics of interest related to the discussion.

iii. **Organization and Administration**

The event was planned by the chapter recording secretary, who reached out to Dr. Puperi via email. A date was arranged, after which members and candidates were invited to sign up to attend. The recording secretary worked with the Vice President of Operations to order and purchase food for the meeting. This fireside was held in-person in a classroom on campus. The recording secretary guided the general format of the conversation as necessary: introducing Dr. Puperi once the fireside began, adding in additional questions or prompting questions from the audience during Q&A, and thanking Dr. Puperi at the end of the event.

iv. **Total Cost**

\$296.67

v. **Cost Breakdown**

Food was purchased for the attendees.

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

This was a great fireside – Dr. Puperi had some really interesting experiences and perspectives to draw upon for his anecdotes. His career path was both interesting and informative for the gathered attendees. Having the audience drive the discussion was again a nice change in format. It is convenient, as there is a natural division between professors who want to give a presentation before Q&A, and those who wish to just have a discussion. As such, the firesides have naturally balanced out between prepared presentations and discussions.

124 Bent Polishing Social #2

Texas Alpha

1. Project Information

- i. Date(s): 03/29/22
- 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	5

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

i. General Description

As a part of upholding one of Texas Alpha's three pillars, "Social," Tau Beta Pi at UT Austin organized a Bent Polishing Social, where members could join and polish their Tau Beta Pi bents while eating food, listening to music, and interacting with one another. Snacks and drinks were provided at this social. The social ran very smoothly overall, with no issues that rose. We had less participation in this social, but that is to be expected as this social was closer to the deadline than the first one.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The objectives of Tau Beta Pi - Texas Alpha's "Social" pillar include giving members ample opportunities to attend a variety of social events throughout the semester, meeting engineers from other majors, and having fun with one another. The Bent Polishing Social accomplishes this by providing a time for participants to join together while also working on completing part of their candidacy requirements by polishing their bents.

iii. Organization and Administration

Social Coordinators Antony Sutanto and Lais Haddad were charged with organizing and executing the event. Responsibilities included reserving a classroom, acquiring snacks and drinks, advertising the event to the organization, and facilitating the event. Responsibilities were divided evenly between the two officers.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

This event did not cost us anything.

vi. **Special Problems Encountered**

There were no major problems during this social.

vii. **Overall Evaluation**

The overall event was executed well with no issues that rose among participants. This event gave students an opportunity to get to know one another and increase social interaction among its members while they worked on their TBP bents, which was included in their candidacy requirements.

125 Engineering Futures - Facing the Reality of Toxic Work Cultures in Engineering

Texas Alpha

1. Project Information

- i. Date(s): 03/29/22
- 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	1

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

- i. **General Description**

Attended the online Engineering futures event about facing a toxic work culture in an engineering career
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This event helped members learn to recognize and address toxic work environments in their future careers, aligning with the TBP objective of professional development.
- iii. **Organization and Administration**

I made members aware of the event and distributed the sign up link.
- iv. **Total Cost**

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

no costs
- vi. **Special Problems Encountered**

none
- vii. **Overall Evaluation**

The event gave several helpful tips and should be helpful for members in their future careers.

126 Research Zoom Meeting

Texas Alpha

1. Project Information

- i. Date(s): 03/30/22
- 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
1.0	1.0

2. Project Evaluation

- i. **General Description**

The event was an online zoom meeting discussing how to get involved in research as an undergraduate
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This event gave advice on entering research, aligning with the TBP objective of furthering member's engineering education.
- iii. **Organization and Administration**

I made members aware of the event and distributed the zoom link.
- iv. **Total Cost**

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

No costs
- vi. **Special Problems Encountered**

None
- vii. **Overall Evaluation**

The event gave helpful advice that should prove useful for members looking to get involved in research.

127 Trivia (with BMES)

Texas 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	14
Electees	9

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

i. General Description

As a part of upholding one of Texas Alpha's three pillars, "Social," Tau Beta Pi at UT Austin organized a Trivia Social as a joint social event with the BMES, the Biomedical Engineering Society of UT Austin. Members could join and participate in a trivia game between the two organizations. Food and prizes were purchased for this joint social; drinks and snacks from past events were carried over to this one. The social overall received great feedback, with all participants rating it highly and stating they would participate in a similar social again.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The objectives of Tau Beta Pi - Texas Alpha's "Social" pillar include giving members ample opportunities to attend a variety of social events throughout the semester, meeting engineers from other majors, and having fun with one another. The Trivia Social accomplishes this by providing a time for participants to interact with one another both within the organization and with BMES members while competing in trivia games with one another.

iii. Organization and Administration

Social Coordinators for TBP, Antony Sutanto and Lais Haddad, teamed up with officers for BMES, Bhargavi Sarangapani, Shubh Desai, and Elaine Lee, to organize and execute the event. Responsibilities included writing trivia questions, advertising the event to the organizations,

purchasing food and prizes, and facilitating the gameplay during the event. Responsibilities were divided between the five officers.

iv. **In Conjunction With**

Biomedical Engineering Society at UT Austin

v. **Total Cost**

\$274.3

vi. **Cost Breakdown**

\$274.30 was spent for this event. Money was used to purchase pizza and prizes in the form of portable bluetooth speakers. Participation requires a good amount of players from both organizations to form full teams; 23 students showed up for TBP and another 7 students showed up for BMES. Teams were evenly divided such that there was at least one BMES member on each team to allow for interactions between the two organizations.

vii. **Special Problems Encountered**

The overall event ran quite smoothly. However, a great deal of time was taken in setting up the teams due to errors in randomizing the members for each team as well as establishing the rules of the games for members to effectively follow. In the future, additional preparation should be taken so that the division of teams can be performed seamlessly without excessive pauses. Team involvement was still an issue as it was in previous trivia events.

viii. **Overall Evaluation**

Overall feedback was very positive. In a post-social survey, participants rated the event an overall 5/5, with 5 being the best experience. All participants noted that they would like to join the event if it was held again in the future. This event gave students an opportunity to get to know one another and to meet members from another organization while playing in trivia, increasing social interaction among members and across organizations. In the future, plans will be made to make better preparations so that the gameplay is smoother, and more creative strategies to the format of the trivia games will be made to get more members of the teams involved.

128 Family Day

Texas Alpha

1. Project Information

i. Date(s): 04/02/22

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	20
Electees	13

v. Average number of hours per person spent:

Participating	Organizing
3.0	1.0

2. Project Evaluation

i. General Description

We organized an inter-family competition where we played field day events with members of the organization in order to earn points for their families. We also had food at the event, which was Cane's.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The purpose of this inter-family competition is to encourage interactions within families in the hopes of fostering friendship and camaraderie between candidates and current members.

iii. Organization and Administration

The Vice President Internal and Candidate Secretary prepared the day before by going around to different retail stores for supplies such as tug of war rope and potato sacks for the potato sack race. We also purchased snacks and drinks to be consumed during the event. During the day of the event, we set up the activities beforehand and then made sure the rules were followed throughout.

iv. Total Cost

\$300.0

v. **Cost Breakdown**

Money consisted of food, which was Cane's, and hula-hoops for the events.

vi. **Special Problems Encountered**

There was difficulty when it came to finding some of the materials we needed for the event, but we were eventually able to find the materials or substitutes that were also suitable.

vii. **Overall Evaluation**

Overall, the event could've been planned a little bit better. Something that we can do in the future is plan ahead and purchase the materials before the day before the event. We could also do a better job advertising the event beforehand so that more people can come. Other than that, the actual administration of the event went well.

129 Shoal Creek Cleanup

Texas 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	11
Electees	6

- v. Average number of hours per person spent:

Participating	Organizing
2.0	2.0

2. Project Evaluation

- i. **General Description**

Volunteers picked up trash along a section of Shoal Creek that has been adopted by Texas Alpha as a part of the Keep Austin Beautiful Adopt-a-Creek Program.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This event helped our TBP chapter give back to the community by adopting and maintaining a section of Shoal Creek along which many people hike.
- iii. **Organization and Administration**

This event was planned by the Service Coordinators in conjunction with the Pease Park Conservancy, the adopters of the creek section below ours. We communicated with Nick from the Pease Park Conservancy to schedule a time for our volunteers to come out and clean the creek. We handled communication and sign ups for our volunteers while Nick brought the supplies provided by Keep Austin Beautiful.
- iv. **In Conjunction With**

Pease Park Conservancy
- v. **Total Cost**

\$0.0

vi. **Cost Breakdown**

There was no cost associated with this event.

vii. **Special Problems Encountered**

There were no special problems with this event.

viii. **Overall Evaluation**

The event was a success and many members and candidates came out to help us revitalize our chapter's tradition of cleaning Shoal Creek.

130 Jackbox Social #2

Texas Alpha

1. Project Information

- i. Date(s): 04/04/22
- 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	6
Electees	4

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

i. General Description

As a part of upholding one of Texas Alpha's three pillars, "Social," Tau Beta Pi at UT Austin organized a Jackbox Social, where members could join in-person and play party games with one another. Food was purchased to be used during the social, while snacks and drinks from previous social events were carried over to this one. The social overall received great feedback, with participants staying behind after the conclusion of the event to continue playing.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The objectives of Tau Beta Pi - Texas Alpha's "Social" pillar include giving members ample opportunities to attend a variety of social events throughout the semester, meeting engineers from other majors, and having fun with one another. The Jackbox Social accomplishes this by providing a time for participants to interact and play games with one another.

iii. Organization and Administration

Social Coordinators Antony Sutanto and Lais Haddad were charged with organizing and executing the event. Responsibilities include setting up a poll for participants to select what they would like to play, reserving a classroom, advertising the event to the organization, and facilitating the gameplay during the event. Responsibilities were divided evenly between the two officers.

iv. **Total Cost**

\$55.93

v. **Cost Breakdown**

\$55.93 was spent to acquire pizzas for the event's food. Participation for the games generally requires around 8 people to play a game; 10 members joined for the event.

vi. **Special Problems Encountered**

The setup for the game was problematic due to the classroom's equipment malfunctions. Attempted connections from the host's laptop to the classroom's screen projector failed and audio from that laptop was not working on the classroom's speakers. To fix this, the host live-streamed the game from the laptop while the classroom computer viewed the stream from its browser, which was then displayed on the projector screen with full audio.

vii. **Overall Evaluation**

Overall feedback was very positive. Nearly all of the participants decided to stay after the event was over and continue playing Jackbox. This event gave students an opportunity to get to know one another while having fun with party games, increasing social interaction across the organization's members. In the future, additional preparations will be taken to ensure functioning equipment at the selected venues for events that require technologies.

131 Engineerign Futures - Targeting Your Resume

Texas Alpha

1. Project Information

i. Date(s): 04/04/22

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	8

v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

i. General Description

Attended the online Engineering Futures event giving resume tips

ii. Purpose and Relationship to Objectives of Tau Beta Pi

This event helped members refine their resumes, aligning with the TBP objective of professional development

iii. Organization and Administration

I made members aware of the event and distributed the sign up link

iv. Total Cost

\$0.0

v. Cost Breakdown

no costs

vi. Special Problems Encountered

none

vii. Overall Evaluation

The event was super helpful and gave several good tips about improving your resume.

132 Corporate Dinner with LCRA

Texas Alpha

1. Project Information

- i. Date(s): 04/05/22
- 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	1

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

- i. **General Description**

Attended a dinner planned by Pi Tau Sigma where LCRA came and discussed the company and internship and career opportunities.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

The event was a company coming to speak to members, aligning with the TBP objective to inform members of the strengths of a professional career in engineering
- iii. **Organization and Administration**

PTS planned the event, I notified TBP members of the event and coordinated with PTS.
- iv. **In Conjunction With**

Texas Pi Tau Sigma
- v. **Total Cost**

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

none
- vii. **Special Problems Encountered**

None

viii. **Overall Evaluation**

LCRA gave a super interesting presentation that was super informative about what the company does

133 Fireside with Dr. Moriba Jah

Texas Alpha

1. Project Information

- i. Date(s): 04/06/22
- 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	12
Electees	11

- v. Average number of hours per person spent:

Participating	Organizing
0.5	1.3

2. Project Evaluation

i. General Description

For this fireside, TBP members and candidates met with Dr. Moriba Jah, an associate professor of Aerospace Engineering and Engineering Mechanics at The University of Texas at Austin. He serves as the director for Computational Astronautical Sciences and Technologies (CAST), a group within the Oden Institute for Computational Engineering and Sciences, as well as the Lead for the Space Security and Safety Program at the Robert Strauss Center for International Security and Law. Dr. Jah had a prepared presentation for the fireside, referencing his personal life, entrance into higher education, and academic career path. He talked through his research on tracking space debris as well. Roughly halfway through the presentation the session shifted to Q&A, with Dr. Jah fielding various questions related to his presentation and academic career.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

As with all faculty firesides, this event provided TBP members and candidates with the opportunity to meet with a faculty member in a casual setting, allowing students a window into the interesting and varied career of a current UT Austin engineering faculty member. The Q&A discussion also provided attendees with a chance to ask questions on topics of interest related to the discussion.

iii. **Organization and Administration**

The event was planned by the chapter recording secretary, who reached out to Dr. Jah via email. A date was arranged, after which members and candidates were invited to sign up to attend. This fireside was held on Zoom per Dr. Jah's preference. The recording secretary guided the general format of the conversation as necessary: introducing Dr. Jah once the fireside began, adding in additional questions or prompting questions from the audience during Q&A, and thanking Dr. Jah at the end of the event.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

N/A

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

This was an interesting fireside, and it covered a lot of interesting information relative to the future of space. Dr. Jah was very open and introspective in his responses, sometimes bordering on the melancholic. However, his responses were still interesting, and there was high audience engagement.

134 Board Games Social

Texas Alpha

1. Project Information

- i. Date(s): 04/06/22
- 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	5

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

i. General Description

As a part of upholding one of Texas Alpha's three pillars, "Social," Tau Beta Pi at UT Austin organized a Board Games Social, where members could join in-person and play board games with one another. Food, snacks, drinks, and board games were purchased to be used during the social. The social overall received great feedback, with participants staying behind after the conclusion of the event to continue playing.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The objectives of Tau Beta Pi - Texas Alpha's "Social" pillar include giving members ample opportunities to attend a variety of social events throughout the semester, meeting engineers from other majors, and having fun with one another. The Board Games Social accomplishes this by providing a time for participants to interact and play games with one another.

iii. Organization and Administration

Social Coordinators Antony Sutanto and Lais Haddad were charged with organizing and executing the event. Responsibilities include acquiring board games for participants to play, reserving a classroom, advertising the event to the organization, and facilitating the gameplay during the event. Responsibilities were divided evenly between the two officers.

iv. **Total Cost**

\$137.79

v. **Cost Breakdown**

\$137.79 was spent to acquire food, snacks, drinks, as well as a few board games to bring to the event. Board games could be carried over to be used in future socials. One board game generally requires at least 2 or 4 members to play; 10 members joined for the event.

vi. **Special Problems Encountered**

No major problems occurred during this event and everything ran smoothly overall.

vii. **Overall Evaluation**

Overall feedback was very positive. Nearly all of the participants decided to stay after the event was over and continue playing. This event gave students an opportunity to get to know one another while having fun with party games, increasing social interaction across the organization's members. In the future, greater efforts will be made to advertise the event to increase participation for the games.

135 TBP Burger Burn #3

Texas 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	17
Electees	16

- v. Average number of hours per person spent:

Participating	Organizing
3.0	1.5

2. Project Evaluation

- i. **General Description**

The Burger Burn is our longstanding fundraising event, where we grill and sell burgers, hot dogs, drinks, and chips to passersby from early morning to early afternoon.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

The Burger Burn raises money for TBP (used for such expenditures as scholarships), and is the best publicity TBP has since a lot of people stop by the Burger Burn.
- iii. **Organization and Administration**

It was organized at the end of January with UT Austin's Environmental Health and Safety Services, Fire Prevention Services, and The Dean of Students' Office.
- iv. **Total Cost**

\$251.8
- v. **Cost Breakdown**

The cost of running the Burger Burn was about \$251 from Tau Beta Pi's UFCU checking account. No personal reimbursements were required.
- vi. **Special Problems Encountered**

Propane ran out at a peak rush hour, and grill became hard to use due to ineffective heating.

vii. **Overall Evaluation**

Burger Burn had some issues with the grill, but was still successful overall, making about \$110 in profit.

136 General Meeting #4

Texas Alpha

1. Project Information

- i. Date(s): 04/07/22
- 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	34
Electees	26

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.0

2. Project Evaluation

- i. **General Description**

This event was the fourth General Meeting of the Spring 2022 semester, and we executed this event in a fully in-person format. As for the planning of the event, we marketed the General Meeting through our weekly chapter newsletter as well as on our social media.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

The purpose of this event is to inform our members of the requirements of joining this organization as well as to notify them about upcoming events we are hosting.
- iii. **Organization and Administration**

The organization of the event was distributed amongst the event coordinators to fill out their specific event updates, while the planning of the overall event was brainstormed by the entire officer team, but executed by the executive officers. The Vice President Internal led the meeting. The rest of the officer team primarily aided in handling technical issues, engaging with our members, and ensuring that the contents of the General Meeting were complete.
- iv. **Total Cost**

\$500.0
- v. **Cost Breakdown**

The only expense that we had was paying for the food for the in-person portion of the event.

vi. **Special Problems Encountered**

We didn't have any special problems running this event.

vii. **Overall Evaluation**

The General Meeting was overall a very successful event. Although we had some members unable to make it due to it being fully in-person, we want to begin the transition to fully in-person and it is to be expected that the first fully in-person GM would have a few people unable to attend as they are getting used to the new format.

137 Movie Social

Texas Alpha

1. Project Information

i. Date(s): 04/10/22

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	15
Electees	4

v. Average number of hours per person spent:

Participating	Organizing
1.0	3.0

2. Project Evaluation

i. General Description

As a part of upholding one of Texas Alpha's three pillars, "Social," Tau Beta Pi at UT Austin organized a Movie Social, where members could join, connect with one another, and watch a movie. The social was held at a movie theater, and movie tickets were purchased for the event. The social went smoothly, with most participants having a good time.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The objectives of Tau Beta Pi - Texas Alpha's "Social" pillar include giving members ample opportunities to attend a variety of social events throughout the semester, meeting engineers from other majors, and having fun with one another. The Movie Social accomplishes this by providing a time for participants to interact and watch a movie together.

iii. Organization and Administration

Social Coordinators Antony Sutanto and Lais Haddad were charged with organizing and executing the event. Responsibilities included acquiring movie tickets, advertising the event to the organization, and facilitating carpools to and from the theater. Responsibilities were divided evenly between the two officers.

iv. Total Cost

\$232.37

v. **Cost Breakdown**

\$232.37 was spent to acquire movie tickets for the event. 19 tickets were purchased in advance and all 19 participants who had signed up attended the event.

vi. **Special Problems Encountered**

A few attendees showed up a bit late to the movie theater but everyone was able to get seated when the movie began. Due to the nature of the movie theater, interaction between members were generally limited to those sitting directly next to each other, which placed limitations on social interaction.

vii. **Overall Evaluation**

Overall feedback was positive. All participants enjoyed the movie and were able to get back from the movie theater safely. This event gave students an opportunity to get to know one another while watching a movie with one another, increasing social interaction across the organization's members. In the future, plans should be made to give members a wider range of movies to choose from through a poll. Alternatively, a movie social could also be held in a campus classroom with snacks and drinks while allowing attendees to socialize more freely without having to be too quiet as they would in a movie theater.

138 Engineering Futures: Investing Basics

Texas Alpha

1. Project Information

- i. Date(s): 04/12/22
- 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	14

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

- i. **General Description**
Attended the online engineering futures event discussing investing basics.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**
Helps members gain skills that will enable them to succeed in their professional careers.
- iii. **Organization and Administration**
I made members aware of the event and distributed the sign up link.
- iv. **Total Cost**
\$0.0
- v. **Cost Breakdown**
No costs
- vi. **Special Problems Encountered**
none
- vii. **Overall Evaluation**
The event was successful with members learning helpful advice.

139 Online Games Social

Texas Alpha

1. Project Information

i. Date(s): 04/13/22

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	8
Electees	3

v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

i. General Description

As a part of upholding one of Texas Alpha's three pillars, "Social," Tau Beta Pi at UT Austin organized an Online Games Social, where members could join in-person and play online games with one another. The social overall received great feedback, with participants saying they would be willing to participate again if we held the event again in the future.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The objectives of Tau Beta Pi - Texas Alpha's "Social" pillar include giving members ample opportunities to attend a variety of social events throughout the semester, meeting engineers from other majors, and having fun with one another. The Online Games Social accomplishes this by providing a time for participants to interact and play games with one another.

iii. Organization and Administration

Social Coordinators Antony Sutanto and Lais Haddad were charged with organizing and executing the event. Responsibilities include choosing the games, reserving a classroom, advertising the event to the organization, and facilitating the gameplay during the event. Responsibilities were divided evenly between the two officers.

iv. Total Cost

\$0.0

v. **Cost Breakdown**

We did not spend any money on this social.

vi. **Special Problems Encountered**

The only problem we had with this social was that we got much less participation than we expected, which was kind of expected given how late into candidacy this event was. Other than that, we had no major problems occur during this event.

vii. **Overall Evaluation**

Overall feedback was very positive and everyone who participated had a great time. This event gave students an opportunity to get to know one another while having fun with online games, increasing social interaction across the organization's members. In the future, greater efforts will be made to advertise the event to increase participation.

140 Central Texas Food Bank

Texas Alpha

1. Project Information

- i. Date(s): 04/14/22
- 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	10
Electees	11

- v. Average number of hours per person spent:

Participating	Organizing
3.0	3.0

2. Project Evaluation

- i. **General Description**

Members of our chapter volunteered at the Central Texas Food Bank where we assembled boxes of donated food that would be distributed to those in need throughout Central Texas.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This event allows our members and candidates to fulfill their service requirements while also giving back to those in need throughout our community. The service we completed makes a real impact towards improving many people's lives in Central Texas.
- iii. **Organization and Administration**

The event was organized by the service coordinators. We first reserved a time slot for a specific number of volunteers by contacting CTFB. Then we sent out a sign up for TBP and had our members register on the CTFB website.
- iv. **Total Cost**

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

Yes, we had enough participation to fill the spots we had reserved.

vi. **Special Problems Encountered**

We initially had too few drivers, but we were able to receive an extra spot from CTFB that allowed us to add a driver and get all of our participants to the event.

vii. **Overall Evaluation**

The event was a success and most of the members really enjoyed this service event. In the future, we will likely need to schedule this event much further in advance (2-3 months) to get a weekend time slot or possibly more reserved spots.

141 Big Bent Polishing

Texas Alpha

1. Project Information

- i. Date(s): 04/15/22
- 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	4

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.0

2. Project Evaluation

- i. **General Description**

Members of our chapter got together to bring back the tradition of polishing the large bent statue that is in front of the mechanical engineering building.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This event hopefully restarted a TBP tradition that had been forgotten over the online semesters.
- iii. **Organization and Administration**

The event was organized by Connor Gray, one of the service coordinators. A sign-up was sent out to communicate the event to our members and metal polish and rags were bought for the event.
- iv. **Total Cost**

\$15.1
- v. **Cost Breakdown**

Two bottles of Brasso polish and two 3-packs of polishing rags were purchased for this event.
- vi. **Special Problems Encountered**

There were no problems with this event.

vii. **Overall Evaluation**

The event was a success and the polishing went better than anticipated. The statue's appearance was drastically improved. The members were very interested and enjoyed the event so we are hopeful the tradition will continue. In the future, hosting a polishing event near the beginning and towards the end of the semester may be beneficial.

142 Kayaking Social

Texas Alpha

1. Project Information

- i. Date(s): 04/16/22
- 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	14
Electees	6

- v. Average number of hours per person spent:

Participating	Organizing
2.0	2.0

2. Project Evaluation

i. General Description

As a part of upholding one of Texas Alpha's three pillars, "Social," Tau Beta Pi at UT Austin organized a Kayaking Social event. Members could sign up and participate in 2 hours of kayaking. The number of participants was limited due to financial constraints, but we were able to exactly match that that limit. The social overall was a great success; everyone who came out had a great time and said they would come out again.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The objectives of Tau Beta Pi - Texas Alpha's "Social" pillar include giving members ample opportunities to attend a variety of social events throughout the semester, meeting engineers from other majors, and having fun with one another. The Kayaking Social accomplishes this by providing a time for participants to interact with one another while kayaking and enjoying the nice weather.

iii. Organization and Administration

Social Coordinator Lais Haddad organized this event. Responsibilities included finding an appropriate venue (distance and cost-wise), advertising the event to the organization, arranging rides, and managing the financial cost of the event.

iv. **Total Cost**

\$320.0

v. **Cost Breakdown**

\$320 was spent for this event. Money was used to cover rental fees for the kayaks and paddleboard. Because the paddleboards cost \$5 more than the normal kayaks, we charged the participating members the \$5 difference.

vi. **Special Problems Encountered**

There were no major problems during this social.

vii. **Overall Evaluation**

Overall feedback was very positive. All participants noted that they would like to join the event if it was held again in the future. This event gave students an opportunity to get to know one another while kayaking and enjoying the nice weather.

143 Ice Cream Social

Texas Alpha

1. Project Information

- i. Date(s): 04/18/22
- 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	12
Electees	6

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

2. Project Evaluation

i. General Description

As a part of upholding one of Texas Alpha's three pillars, "Social," Tau Beta Pi at UT Austin organized an Ice Cream Social, where members could join in-person and eat ice cream, play games, and interact with one another. Ice cream and utensils were purchased for the social. The social received great feedback overall, with all participants staying during the entirety of the event.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The objectives of Tau Beta Pi - Texas Alpha's "Social" pillar include giving members ample opportunities to attend a variety of social events throughout the semester, meeting engineers from other majors, and having fun with one another. The Ice Cream Social accomplishes this by providing a time for participants to interact and have snacks with one another in an open outdoor area.

iii. Organization and Administration

Social Coordinators Antony Sutanto and Lais Haddad were charged with organizing and executing the event. Responsibilities included setting up a poll for participants to select what ice creams they would like, finding a venue, advertising the event to the organization, and facilitating the serving of ice cream during the event. Responsibilities were divided evenly between the two officers.

iv. **Total Cost**

\$44.55

v. **Cost Breakdown**

\$44.55 was spent to acquire ice cream, utensils, and bowls for the event. There were no limitations to participation in the event; 18 people attended the social.

vi. **Special Problems Encountered**

The biggest problem was that the day was very hot and since the event was outdoors, after a while the ice cream melted and there was little to none left in the latter portions of the event. While most members were able to get ice cream already, steps should be taken in the future to prevent melting of this sort.

vii. **Overall Evaluation**

Overall feedback was very positive. All participants stayed to either play games or socialize with one another. This event gave students an opportunity to get to know one another while eating ice cream and having fun, increasing social interaction across the organization's members. In the future, additional preparations will be taken to ensure ice cream doesn't melt, either through ice boxes or holding the event in a cooler climate, such as indoors.

144 Trebuchet Testing

Texas Alpha

1. Project Information

- i. Date(s): 04/20/22
- 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	6
Electees	6

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.5

2. Project Evaluation

i. General Description

Since both of our main outreach events for this semester were cancelled by UT, we decided to build and test our trebuchet we use to teach children about engineering to make sure it was still in working condition. We believe it hadn't been assembled since before the pandemic started and it appeared there were no current members that had experience building the trebuchet. There were only minimal instructions, so this served as an opportunity for us to improve these and regain the knowledge for working the TBP trebuchet.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

This was a fun event for any new members that were unaware TBP owned a large trebuchet and it helped us prepare for outreach events in future semesters .

iii. Organization and Administration

This event was organized by Connor Gray, one of the service coordinators. An announcement was made that we would be hosting this event then all of the members met at the TBP office to begin working.

iv. Total Cost

\$0.0

v. **Cost Breakdown**

There was no cost and there was plenty of participation for the help that was needed to build the trebuchet.

vi. **Special Problems Encountered**

We found that the pouch used to launch the water balloons seemed to be slightly broken. We will need to look into this further to come up with a solution.

vii. **Overall Evaluation**

The event was a success as it allowed many candidates to get their final internal point and we identified that the trebuchet needs to be further looked into.

145 Modern Rap Family Social #2

Texas Alpha

1. Project Information

- i. Date(s): 04/20/22
- 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
Officer	3
Members	1
Electees	3

- v. Average number of hours per person spent:

Participating	Organizing
0.5	1.5

2. Project Evaluation

- i. **General Description**

Second social via zoom for the Modern Rap family to plan out our semesterly family scrapbook
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This event was held to brainstorm ideas for and help build our family's scrapbook depicting the relationships we built within TBP over the semester while also tying into our Modern Rap theme. Bonding with your classmates is a great way to feel more welcomed and connected to engineering, and this book is meant to showcase that growth we've all had over the past couple of months.
- iii. **Organization and Administration**

Connor was in charge of planning the meeting (day and time), Sarah made the link for the Zoom and lead the discussion/brainstorming, Travis recorded all of the ideas and made our group Google Slides, and the other attendees provided input for the design of our project.
- iv. **Total Cost**

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

N/A

vi. **Special Problems Encountered**

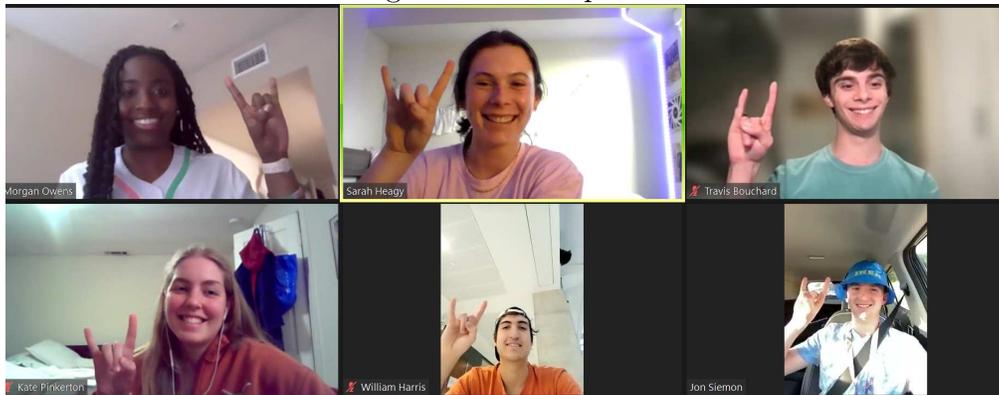
N/A

vii. **Overall Evaluation**

This meeting went great in that we were able to quickly come up with lots of ideas to build our scrapbook off of. We recorded all of them which made it easier to go back and add more to the book later, as well as accessible for those that weren't able to come to the meeting so that they could still participate. In the future, we might try to hold the scrapbook meeting earlier so that there's more time to work on it before it's due. As always, more attendance would have been nice and given a greater opportunity for collaboration.

3. **Additional Attachments**

Figure 4: Participants



146 Spring 2022 Initiation

Texas Alpha

1. Project Information

- i. Date(s): 04/22/22
- 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	15
Electees	29

- v. Average number of hours per person spent:

Participating	Organizing
0.5	1.0

2. Project Evaluation

- i. **General Description**
Initiation ceremony for new members
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**
Central element of joining Tau Beta Pi
- iii. **Organization and Administration**
Organized by the Vice President - Operations, working with other officers to fill roles for the ceremony
- iv. **Total Cost**
\$34.9
- v. **Cost Breakdown**
Costs for purchasing cupcakes for after the ceremony
- vi. **Special Problems Encountered**
There were several other events scheduled right before initiation, so we had to wait on several members to arrive before starting.
- vii. **Overall Evaluation**
This semester's initiation seemed to run much better than last semester's, especially when it came to planning. Having experience with running an in-person ceremony helped enormously.

147 General Meeting #5

Texas Alpha

1. Project Information

- i. Date(s): 04/23/22
- 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	25
Electees	30

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.0

2. Project Evaluation

i. General Description

This event was the fifth General Meeting of the Spring 2022 semester, and we executed this event in a fully in-person format. As for the planning of the event, we marketed the General Meeting through our weekly chapter newsletter as well as on our social media.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The purpose of this event is to inform our members of the requirements of joining this organization as well as to notify them about upcoming events we are hosting. We also had family scrapbooks this meeting, which was a great way to recap an awesome semester of memories.

iii. Organization and Administration

The organization of the event was distributed amongst the event coordinators to fill out their specific event updates, while the planning of the overall event was brainstormed by the entire officer team, but executed by the executive officers. The Vice President Internal led the meeting. The rest of the officer team primarily aided in handling technical issues, engaging with our members, and ensuring that the contents of the General Meeting were complete.

iv. Total Cost

\$500.0

v. **Cost Breakdown**

The only expense that we had was paying for the food for the in-person portion of the event.

vi. **Special Problems Encountered**

We didn't have any special problems running this event.

vii. **Overall Evaluation**

The General Meeting was overall a very successful event. Although we had some members unable to make it due to it being fully in-person, we want to begin the transition to fully in-person and it is to be expected that the first fully in-person GM would have a few people unable to attend as they are getting used to the new format.

148 Spring 2022 Elections

Texas Alpha

1. Project Information

i. Date(s): 04/23/22

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	30
Electees	0

v. Average number of hours per person spent:

Participating	Organizing
0.2	4.5

2. Project Evaluation

i. General Description

Elections for new officers running for positions for fall 2022

ii. Purpose and Relationship to Objectives of Tau Beta Pi

Elections are a natural part of chapter business, and holding elections each semester allows many of our members to serve in various leadership roles in the chapter, furthering their involvement.

iii. Organization and Administration

Run by the Vice President - Operations with assistance from other officers as needed

iv. Total Cost

\$0.0

v. Cost Breakdown

N/A

vi. Special Problems Encountered

Also, elections ran for a long time -- even longer than last semester -- due to the number of positions and the number of people running. More people ran this semester, which is good to see, but it leads to long discussion periods for each position.

vii. **Overall Evaluation**

It was good to see lots of people interested in elections, but they ran way too long. Future semesters need to focus on reducing the length of elections while ensuring that the chapter membership has time to thoroughly consider all candidates.