

# *Illinois Alpha*

University of Illinois at Urbana-Champaign



*Tau Beta Pi*  
2023-2024 Project Reports

Greetings Fellow Tau Bate,

After struggling for years and years with our fraternity reputation plagued by the three Greek letters Tau Beta Pi, our chapter decided the 2023-2024 year was the time to start changing our image on campus. Our goal is for every engineering student coming through our College to know that Tau Beta Pi is THE Engineering Honor Society. Our projects this year reflect the beginnings of our grand plan to ~~take over our college~~ increase our chapter's visibility around campus. With a better image, we believe our initiate classes will get larger as more students will recognize the prestige surrounding those three Greek letters when they receive our invitation email.

This year, we hosted more large events that were open to everyone in our College such as semesterly trivia nights, a barn dance, two Pi Day races on the main quad, a bake sale, weekly tutoring, and more (I don't want to spoil everything quite yet, you'll have to read our report). By hosting these types of events, we had the opportunity to decorate our engineering campus with flyers advertising our events, nag our friends to come to events with us, get other student groups involved, and send information to anyone we could reach.

However, while focusing on our external image, we realize it's important to also focus inward and improve the Illinois Alpha Tau Beta Pi experience for those already part of our chapter. Another one of our chapter's goals this year was increasing member involvement, as it is common for electees to initiate and stop participating in our chapter. We offered more incentives to stay active such as offering free graduation cords, increased awareness of a special senior medallion customized for our chapter, and recognized our most active members during our general meeting where we presented them with certificates and shared their accomplishments within our chapter.

Overall, our chapter seemed much more like a community as the year progressed with people constantly hanging out in our office. Perhaps it is the lure of the free snacks, drinks, and printing, or maybe it's the friendships and community being formed that make people want to swing by. Though the changes that were made this year will take time to truly impact our chapter's image, initiate class size, and how many members stay involved, our plan seems to be working. Perhaps an early indication of this is that we doubled the number of people interested in our executive board to 14 this year and with only 11 spots available, it turned a typically mundane election process into something exciting and it provided lots of new ideas for our chapter.

With this foundation laid, I am extremely excited about the future of the Illinois Alpha chapter. As a graduating senior, I am sad that I don't get to personally witness how our chapter proceeds from here. I hope some of our projects this year will provide inspiration to Tau Bate officers of the future from chapters around the Nation.

With gratitude,

A handwritten signature in black ink that reads "Anna Marie Buss". The signature is written in a cursive, flowing style.

Anna Marie Buss  
Illinois Alpha President '23-'24

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# 1 Quad Day Booth

## Illinois Alpha

### 1. Project Information

- i. Date(s): 08/20/23
- 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	0

- v. Average number of hours per person spent:

Participating	Organizing
2.0	2.0

### 2. Project Evaluation

- i. **General Description**

Our University holds Quad Day before the start of each fall semester. Student organizations can have a booth at quad day for freshmen to walk around and learn about the student organization and potentially join. Our chapter brought popsicles as it is typically a warm day and people are walking around outside for a long time. We also advertised our trivia night which is open for anyone on campus to join.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

Our goal was to tell people about Tau Beta Pi and the benefits of joining. We also advertised one of the events we were hosting as a way for students to be involved with Tau Beta Pi even if they aren't initiating into our chapter.
- iii. **Organization and Administration**

Our booth was mostly organized by the President and Vice President of our chapter. Most of our board helped out and was at our booth on Quad Day.
- iv. **Total Cost**

\$20.0
- v. **Cost Breakdown**

The only cost for our chapter at this event was the popsicles.

vi. **Special Problems Encountered**

The popsicles were melting in the hot temperatures. We were able to keep them cold in the freezer in our office and bring them out in batches to help keep them frozen.

vii. **Overall Evaluation**

This event was a success for our chapter as we got to tell people about Tau Beta Pi and ways they can be involved with our chapter. The popsicles were a big hit and drew people to our booth who might not have otherwise approached us. We had over 80 people sign-up to receive more information about the trivia night we were hosting.

3. **Additional Attachments**

Figure 1: TBP Quad Day Booth



Figure 2: Popsicles in Freezer



Figure 3: Popsicles in Freezer Zoomed



## 2 Member Social

### Illinois Alpha

#### 1. Project Information

i. Date(s): 08/27/23

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	0

v. Average number of hours per person spent:

Participating	Organizing
1.0	1.5

#### 2. Project Evaluation

##### i. General Description

We hosted a member social at the beginning of the year for our members. We brought popsicles, soda, and snacks and played outdoor games. We did a variety of activities including volleyball, frisbee, catch, and a few card games.

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

The goal was to offer an event for our members to kick off the semester. By attending this members-only event, hopefully it helped our members to feel a sense of belonging to our chapter and make them want to stay involved throughout the rest of the semester and year.

##### iii. Organization and Administration

The project was lead by several members of the executive board who brought the materials for the event. The event didn't take a lot of planning as we already had many of the materials purchased and just needed to bring them to the event. The event was successful in that members had fun and got to interact with one another right away at the beginning of the semester.

##### iv. Total Cost

\$0.0

v. **Cost Breakdown**

All the materials for the event were purchased for other events and were left over, so there were no additional expenses for our chapter specifically for this event.

vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

Overall, this event was perfect to kick off the semester. It was a way to show we are thinking of our members, appreciate them, and are excited about their involvement with our chapter. They also had an opportunity to ask questions about what is new for our chapter this year and gave us the chance to mention leadership opportunities in our committees and other ways to stay involved with our chapter.

# 3 Fall 2023 Information Sessions

## Illinois Alpha

### 1. Project Information

- i. Date(s): 08/30/23 - 08/31/23
- 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	62

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

### 2. Project Evaluation

#### i. General Description

Each semester we offer a series of information sessions for potential initiates to learn about Tau Beta Pi and our chapter's initiation process. We give them information about next steps, how to join, and allow them to ask questions. After the session is over, we provide pizza to everyone in attendance and people chat with one another. The board walks around and talks with attendees on a more individual basis.

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

Our goal is to get as many eligible students to initiate into our chapter as we can, and this event is a huge part of that. Our invitation emails direct eligible students to these information sessions where we share information about Tau Beta Pi, membership benefits, and how to join.

#### iii. Organization and Administration

The event is mostly organized by the President. The entire board is in attendance at the info sessions and we split up who covers each slide.

#### iv. Total Cost

\$0.0

v. **Cost Breakdown**

The only cost is for the pizza, which was about \$400 this year as we hosted 2 large info sessions. We applied for a funding request from our school's Engineering Council to cover our expenses and our request for funding was approved, so our chapter didn't have any expenses for our info sessions.

vi. **Special Problems Encountered**

None.

vii. **Overall Evaluation**

The information sessions were successful. It was a great opportunity for us to talk with interested initiates in-person, provide everyone with pizza, and tell everyone why and how to join Tau Beta Pi.

# 4 Murphy's Trivia Night

## Illinois Alpha

### 1. Project Information

- i. Date(s): 09/03/23
- 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	2

- v. Average number of hours per person spent:

Participating	Organizing
1.0	3.0

### 2. Project Evaluation

#### i. General Description

Trivia Night is an event that is held most Sundays at the local Murphy's Pub where teams of up to 6 people get together and try to answer the most trivia questions correctly. Our chapter organized a team to participate in this Triva Night to help form relationships between initiates and members and improve the sense of community within our chapter as a whole. We generally had good attendance for this event with attendees making the effort to get to know each other and network.

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

The purpose of this event was to build relationships between initiaties and members. Murphy's Triva is a popular team event that results in our members and initiaites socializing and getting to know each other. This supports our chapter's goal of enhancing comradery within the chapter.

#### iii. Organization and Administration

The Social Projects VP planned this event, advertised it in our chapter's Slack channel, and organized the trivia team at the event.

#### iv. Total Cost

\$5.0

v. **Cost Breakdown**

Appetizers were purchased for the trivia team.

vi. **Special Problems Encountered**

No unexpected problems.

vii. **Overall Evaluation**

Overall, this event was a success. Member turnout was relatively good and members and initiates socialized a lot. To achieve better results this event could be promoted more in the Slack channel so that more initiates are aware of it.

# 5 Office Hours

## Illinois Alpha

### 1. Project Information

- i. Date(s): 09/04/23 - 04/26/24
- 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	20

- v. Average number of hours per person spent:

Participating	Organizing
0.1	1.0

### 2. Project Evaluation

#### i. General Description

Throughout the year, our executive board members held office hours every week. This meant that there were 11 hours minimum each week where initiates and members could come to office hours. During office hours, the executive board member would sit in the office and keep the door open so any members or initiates can access the office or ask any questions. This allowed access to free printing, snacks, office materials, etc. in our office. This year, there were often board members and other students hanging out in our office, so it felt like a community and those who were frequently came to hang out got to know each other well.

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

By having office hours, initiates and members have access to our office and its resources which is typically locked. We also offered TBP merch which was for sale and available for pick-up during our office hours. Office hours also allowed us to distribute initiation materials which arrived after initiation in previous semester.

#### iii. Organization and Administration

At the beginning of each semester, each board member selects a time for office hours and adds it to our calendar for all initiates and members to see. That board member then comes to the office during their scheduled time. If there are any changes to times or if a board member needs to cancel their office hours on a given week, all updates are made to our calendar.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

None.

vi. **Special Problems Encountered**

None.

vii. **Overall Evaluation**

Sometimes there are more attendees at office hours than others. However, even when there aren't many people coming, it is still worth having the office open and available if necessary. This semester, there were people hanging out in the office all the time, so initiates and members would drop by nearly any time they wanted and the office was usually open. It really helped to foster a sense of community within our chapter as people are always coming and going from our office.

# 6 Committee Meetings

## Illinois Alpha

### 1. Project Information

- i. Date(s): 09/05/23 - 11/13/23
- 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	25

- v. Average number of hours per person spent:

Participating	Organizing
1.0	4.0

### 2. Project Evaluation

#### i. General Description

One of the requirements for our initiates is to participate on a committee with other initiates. Each committee had 4 meetings evenly spaced throughout the semester. In the fall semester, we offered 6 committees: social, service, professional, K-12 Outreach, Engineering Open House, and Pumpkin Pi Mile Run. We divided the committee meetings between 2 different days of the week to ensure initiates could select a committee that worked better for their schedule. The project committees (social, service, and professional committees) met on Mondays and would work with our Social Projects VP, Service Projects VP, and Professional Projects VP to plan events for our chapter. The activity committees (K-12 Outreach, Engineering Open House, and Pumpkin Pi Mile Run) met on Tuesdays and were led by members of our chapter. The K-12 Outreach committee planned a series of stations to take to elementary classrooms to share our passion for STEM and organized classroom visits. The Engineering Open House committee planned our project and booth for the college's Engineering Open House which hosts tens of thousands of visitors over a 2-day span where student groups get to show technical projects they have been working on throughout the year. The Pumpkin Pi Mile Run committee planned our Pumpkin Pi Mile Run which consisted of running 3.14 laps around our campus's main quad as our spring celebration of Pi Day was rained out.

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

The purpose of having committees is for initiates to work on a project for our chapter as part of a smaller group. By allowing initiates to plan events and activities for our chapter, they have an impact and influence over what our chapter does in the first semester they are a part of Tau Beta Pi. We hope that they will want to continue participating in events with our chapter after they become members because they feel connected to our events and want to see their ideas come to fruition as they are working on projects that sometimes take multiple semesters or are repeated and improved upon in future semesters. It helps give them ownership of a project and immediately connects them with one of the aspects of our chapter they are most interested in. Additionally, by working in small groups, the participants get to know one another throughout the course of the semester. We hope that this will help to establish friendships and create a better sense of community within our chapter.

iii. **Organization and Administration**

The committees are organized by the President who sets the dates for each committee meeting at the beginning of the semester. The Vice President puts in the room reservation requests. At the beginning of each semester, we put out an application for committee leads for the activity committees to our members as another leadership opportunity within our chapter and a way they can meet the requirements to be a distinguished active member for that semester. For any committees that don't get committee leads, we have a board member lead the committee for that semester. The President attends every meeting, makes a few brief announcements, then the rest of the time is working within the committees. The President gets updates from each committee lead after the meeting and works closely with the leads who are not on the executive board to make sure their committees have everything they need and announcements and sign-ups are being sent in our newsletter. Each committee meeting is scheduled to be an hour long, but sometimes committees don't need the entire hour and end a few minutes early. Since each meeting is an hour, we have a make-up policy that for each of the 4 meetings that an initiate misses, they must get an additional event point.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

There are no costs for the committee meetings.

vi. **Special Problems Encountered**

None.

vii. **Overall Evaluation**

We have done committees for the last 3 semesters in our chapter and they have been working great! It allows us to take on bigger projects as a chapter as we can add committees related to nearly any project we want to take on. It takes time to gauge the impact the committees have on our membership and how active people stay with our chapter after they initiate, but overall members are staying more active in our chapter than in the past. The committees have also helped us fill board positions as 50% of our committee leads who were members have gone on to become board members. Additionally, since our board is working closely with the committees, it helps us more personally know our initiates and can encourage individuals to pursue leadership roles within our chapter. This spring we had more people interested in the board than we had open board positions which hasn't been the case in previous years, so I'd say the committees are definitely improving our chapter.

# 7 Initiate Interviews

## Illinois Alpha

### 1. Project Information

- i. Date(s): 09/05/23 - 09/15/23
- 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	19

- v. Average number of hours per person spent:

Participating	Organizing
0.1	0.8

### 2. Project Evaluation

- i. **General Description**

Our chapter conducts initiate interviews early in the semester so potential initiates can get to know our members and our members can get to know our potential initiates. These interviews are held in our office, so it's a good for potential initiates to see where our office is and see what resources are available to them at our office. We ask them about what their interests are within their major, activities they're involved in, interests they have, and questions to get to know their character. We also allow them to ask questions and can provide any guidance on the initiation process.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

The purpose is to foster a sense of belonging within Tau Beta Pi as new electees get to know existing members in an casual setting. It helps us get to know them and make sure their character aligns with the standards of Tau Beta Pi. It also serves as a check-in point at the beginning of the semester to make sure that each electee understands the initiation requirements as it can be confusing.
- iii. **Organization and Administration**

Typically the President creates a sign-up sheet and members and initiates can sign-up for a timeslot during the 2 weeks that the interviews are offered. Typically time slots are 15 minutes for each initiate.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

There are no costs for this event.

vi. **Special Problems Encountered**

None.

vii. **Overall Evaluation**

Overall, this event worked as we expected it to. It's a great way to have members and initiates introduce themselves to one another and get to know each other.

# 8 Board Game Night

## Illinois Alpha

### 1. Project Information

- i. Date(s): 09/06/23
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	3
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
1.0	2.0

### 2. Project Evaluation

#### i. General Description

Board Game Night is a recurring event that is held in our chapter's office where initiates and members come and play board/card games together. In previous semesters, this has been one of our most popular events, so this event was held as a response to feedback from current members. The goal was to provide a setting for members and initiates to socialize to improve the cohesiveness of our chapter and long-term participation of our members.

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

The purpose of this event was to provide a setting for members and initiates to socialize and to bring back an event that had been very popular in previous semesters. This was done with the ultimate goal of demonstrating receptiveness to member feedback to improve long-term involvement.

#### iii. Organization and Administration

The social Projects VP planned this event and was present during the event to supervise and answer any questions that initiates/members might have had.

#### iv. Total Cost

\$0.0

v. **Cost Breakdown**

n/a

vi. **Special Problems Encountered**

No unexpected problems.

vii. **Overall Evaluation**

This event was not particularly successful due to no initiates attending. While this hindered the goal of providing a space for initiates to socialize with members, the members that attended all stayed for the whole event and played together. This still achieves the goal of enhancing chapter cohesion.

# 9 Resume Review

## Illinois Alpha

### 1. Project Information

- i. Date(s): 09/07/23
- 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

This event was done in collaboration with Grainger College of Engineering's Engineering Career Services. It is a ReviewMe session where students came to have their resumes reviewed by trained peer ambassadors over the span of two hours. Initiates and members were given advice on how to craft a cohesive resume

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

The purpose of this project was to equip members and initiates with knowledge on how to craft a resume that would best highlight their skills and knowledge. Having a better resume opens them to better opportunities to learn and achieve excellence

#### iii. Organization and Administration

The Professional Projects VP requested a Review Me session from Engineering Career Services and acted as the main point of contact. The chapter's executive VP was in charge of requesting a room for the event. Engineering Career Services' trained ambassadors were the main people giving out advice and criticisms about resumes. The event went as planned, with members/initiates coming in at any time over the two hour period to get their resumes reviewed.

#### iv. In Conjunction With

Engineering Career Services

v. **Total Cost**

\$0.0

vi. **Cost Breakdown**

There were more participants than the expected amount

vii. **Special Problems Encountered**

There were some issues that came with reserving a room for the event. The request for the session and a room for the session was sent out too close to one another, which led to the chapter informing collaborators about the event location on the day of the event.

viii. **Overall Evaluation**

The event was a success. Members and initiates were glad they had the opportunity, especially because of the upcoming career fair during the time. Also, more people than expected came to the event. A request for a Review Me session should be sent earlier to have Engineering Career Services confirm a date and time for the session before submitting a room request. Creating an event solely organized by the chapter is also an option.

# 10 Initiate Social

## Illinois Alpha

### 1. Project Information

- i. Date(s): 09/10/23
- 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	7

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

### 2. Project Evaluation

#### i. General Description

For this semester's initiate social we went bowling at our University's bowling alley. This event is for initiates to get to know one another while doing a fun activity. Additionally, several board members were present to talk and bowl with the initiates.

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

The purpose of this event is to kick off the semester for the initiates. We typically hold this event at the beginning of the semester to help initiates get to know one another better. We ask our board to come as well if they are available to ensure that the executive board knows as many of our initiates as possible. Facilitating these connections creates a sense of belonging and community within our chapter.

#### iii. Organization and Administration

The event was organized by our social chair. The Vice President helped to submit the lane request. Our treasurer ensured we paid the balance of the event.

#### iv. Total Cost

\$89.0

v. **Cost Breakdown**

The cost is for the bowling alley lanes and shoe rental which we cover for everyone who attends this event.

vi. **Special Problems Encountered**

None.

vii. **Overall Evaluation**

The event was nice for those who came. However, we didn't have as many people as we were hoping attend the event. However, since it was a smaller turnout than we were expecting, it made for a more personal experience for those who attended.

# 11 Reverse Career Fair

## Illinois Alpha

### 1. Project Information

- i. Date(s): 09/12/23
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	2
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
2.0	3.0

### 2. Project Evaluation

- i. **General Description**

Before our College of Engineering's career fair, they host a reverse career fair where student organizations can have a booth and recruiters will come around and talk with representatives of the student organizations who are present at the career fair. Our chapter had 2 representatives attend and speak with recruiters of companies to see if any of the companies would be interested in partnering with us on an event or hosting a company info session.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

The purpose of participating in this event was to expand our chapter's professional reach and connect with companies.
- iii. **Organization and Administration**

The President signed us up for the event. The President also created a Tau Beta Pi "resume" for companies so they know who we are, what we are looking for through our connection with them, and how they can contact us. We also collected their contact information to follow-up after the fair.
- iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

There were no costs associated with this event.

vi. **Special Problems Encountered**

None.

vii. **Overall Evaluation**

I think we should continue participating in this event in the future to further establish connections with companies which is something our chapter has been struggling with. This event provided us with company contacts that we reached out to throughout the year to enhance our chapter's professional events and connect our members with companies.

3. **Additional Attachments**

Figure 4: Reverse Career Fair 1

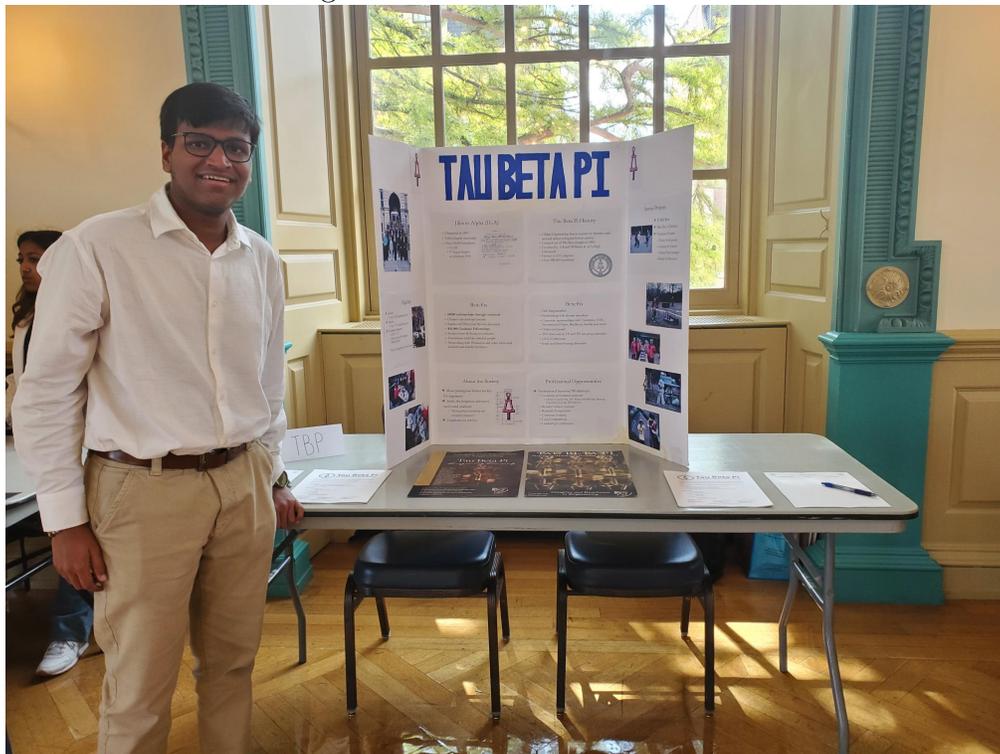
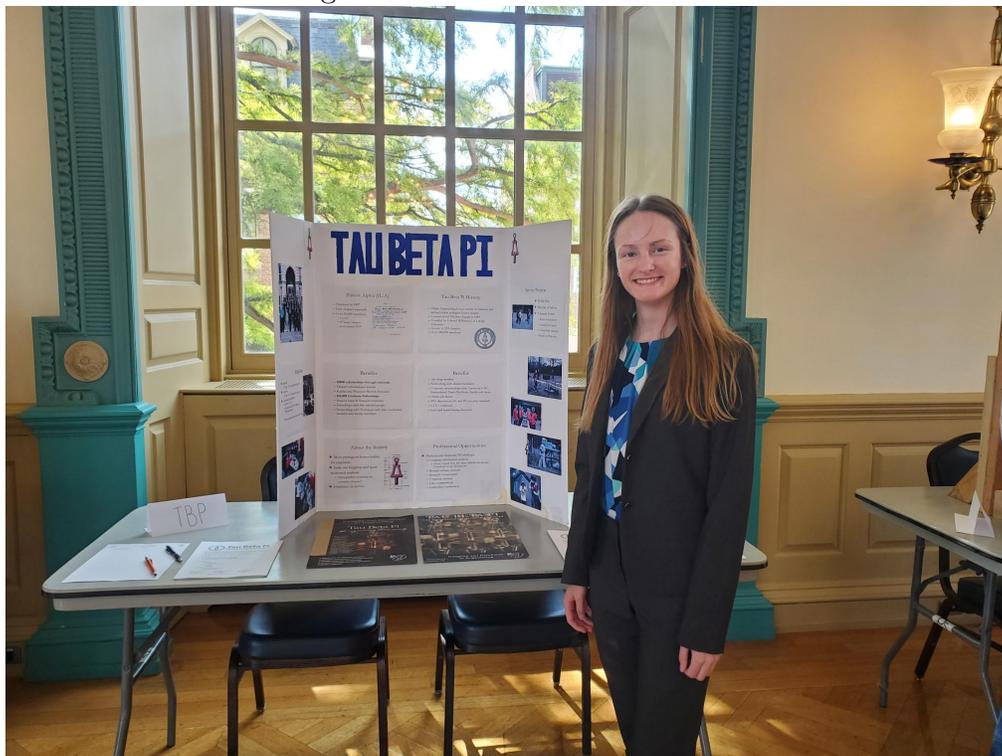


Figure 5: Reverse Career Fair 2



# 12 Illini Union Movie Night

## Illinois Alpha

### 1. Project Information

- i. Date(s): 09/15/23
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	2
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
1.0	2.0

### 2. Project Evaluation

- i. **General Description**

Each Friday during the semester the Illini Union screens a different movie for free. This event attempted to bring a group of initiates/members to the movie night together as a means of strengthening chapter cohesion.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

The purpose of this project was to provide a social opportunity for members and initiates to gather together. Watching a movie together helps build relationships and enhance chapter cohesion.
- iii. **Organization and Administration**

The Social Projects VP identified the event opportunity, promoted the event on our chapter's Slack channel, and attended the event to gauge attendance.
- iv. **Total Cost**

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

n/a
- vi. **Special Problems Encountered**

No issues.

vii. **Overall Evaluation**

The event had low participation which hindered our effort to use it as an opportunity for socialization amongst members. This could be improved by promoting the event more, and possibly hosting a TBP only movie night that plays a movie selected by our members.

# 13 Illini Lights Out

## Illinois Alpha

### 1. Project Information

- i. Date(s): 09/15/23
- 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

Illini Lights Out is a campus-wide event where students attend and are assigned a building around campus to go and turn off all the lights for the weekend. Participants must record each light and the number of bulbs turned off. This event was led by Illinois' Institute for Sustainability, Energy, and Environment (iSEE). Leader had to sign up in advance to attend and each person had to sign in themselves at the event.

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

The purpose of this project was to give back to the university by helping the environment and energy usage by engaging in the sustainable practice of turning off lights that would otherwise be using up energy all weekend. This allows our chapter to give back to the university.

#### iii. Organization and Administration

The Services VP (me) signed the group up for the event. At the actual event, participants signed in with the organization and with TBP leadership. The group worked with Illinois' Institute for Sustainability, Energy, and Environment (iSEE) and all the other organizations that sent members to this event. There were no major problems, and the event went according to the plan.

iv. **In Conjunction With**

Institute for Sustainability, Energy, & Environmen

v. **Total Cost**

\$0.0

vi. **Cost Breakdown**

The Services VP organized and led this event so that it would go as smoothly as possible.

vii. **Special Problems Encountered**

n/a

viii. **Overall Evaluation**

Overall, this event was a success. It was a great way for Tau Beta Pi is assist the university and keeping it sustainable. It did each it's goals of helping out the university. In the future, a similar project could be doing this on a smaller scale through just Tau Beta Pi. We could do this on the weekends that the actual Illini Lights Out events are not held. This would allow us to make more of an impact as an individual organization.

# 14 Bent Polishing

## Illinois Alpha

### 1. Project Information

- i. Date(s): 09/18/23 - 09/29/23
- 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	19

- v. Average number of hours per person spent:

Participating	Organizing
0.5	1.5

### 2. Project Evaluation

- i. **General Description**

During this event, initiates meet in groups to polish bents. Members proctor the bent polishing session and guide initiates through the process.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

The purpose is to honor the history of Tau Beta Pi and provide initiates the opportunity to interact and get to know each other and our members early in the initiation process. Initiates wear the bents during the initiation ceremony.
- iii. **Organization and Administration**

Bent polishing is an initiation requirement for our chapter and a member requirement for those who are striving to reach the most active level of membership. We put out a google sheets sign-up form and have the initiates and members come to the Tau Beta Pi office during the time they signed up for to polish their bent.
- iv. **Total Cost**

\$142.5
- v. **Cost Breakdown**

Cost of project is mostly for the bents which are included in our initiation fee. Additionally, we needed to buy files and polishing supplies which we can use for multiple semesters.

vi. **Special Problems Encountered**

The cleanup after the event is time consuming, and we need to be aware of the amount of noise we make while polishing bents since there are other offices next to ours.

vii. **Overall Evaluation**

It's a unique experience that brings our initiates and members together. Initiates get to keep their polished bent and wear it at initiation.

# 15 Study Hours

## Illinois Alpha

### 1. Project Information

- i. Date(s): 09/20/23
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	2
Electees	3

- v. Average number of hours per person spent:

Participating	Organizing
1.0	2.0

### 2. Project Evaluation

#### i. General Description

The study hours event was created to provide a way for initiates and members to socialize while still getting work done during exam weeks. For this event, a group study room was reserved in the Grainger Engineering Library for 2-3 hours during the evening of a weekday during an exam week. Since many students prefer to study in the presence of others who are studying, this event proved to be a popular way for our members and initiates to talk to each other about their classes while also getting their work done.

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

The purpose of this event was to encourage chapter participation during exam weeks by providing a space where members and initiates could discuss common classes and work on problems together. This helps build relationships within the chapter and maintains involvement during busy weeks.

#### iii. Organization and Administration

The Social Projects VP reserved the study room and supervised the event.

#### iv. Total Cost

\$0.0

v. **Cost Breakdown**

n/a

vi. **Special Problems Encountered**

No issues.

vii. **Overall Evaluation**

The goals of this project were achieved because of the considerable attendance that this event had. The study room was full and members/initiates were talking to each other about their classes, which is exactly what we wanted to happen.

# 16 Tau Beta Pi Trivia Night

## Illinois Alpha

### 1. Project Information

- i. Date(s): 09/22/23
- 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
Other university students	12
Members	11
Electees	17

- v. Average number of hours per person spent:

Participating	Organizing
20.0	2.0

### 2. Project Evaluation

#### i. General Description

Our chapter hosted a trivia night that was open to our initiates, members, and any other interested university students. The goal was to provide a fun environment for initiates to meet current members, and vice versa. This event also allowed our chapter to promote ourselves to engineering students who might not have known about Tau Beta Pi before. We allowed groups to sign up for the event, but we also encouraged single participants to join – we grouped them into teams of 4 to 6 people and many of them got to know each other by the end of the event. To plan, one member of our executive board created the trivia questions – this allowed most of the rest of the exec board to participate because the questions were kept secret. As a board, we thoroughly advertised the event to people outside of Tau Beta Pi by promoting the trivia night at our university's "Quad Day" at the beginning of the semester and by posting flyers in many campus buildings. We weren't able to reserve the classroom that seemed most desirable for this type of event because it was unavailable at that time, but we made do with the room we were provided, rearranging the desks into small groups for each team beforehand. Of the 40 people who attended the event 11 were students who were not part of Tau Beta Pi, which demonstrated the success of our advertising efforts. The event itself went very well: the questions were divided into separate rounds each with their own category which the participants enjoyed very much.

There was no controversy regarding the answers to any questions which should be considered a success, meaning that the questions were well thought out and accurate. Overall, all of the participants appeared to have a lot of fun and many even said that it was their favorite Tau Beta Pi event that they've attended.

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

Some of the main objectives of this event were to enhance the image of Tau Beta Pi on our campus as well as provide a social opportunity for initiates, members, and other students to interact. As a chapter, we constantly strive to retain our members through engaging events and create a meaningful initiation process for our candidates.

iii. **Organization and Administration**

Due to personal interest and motivation prior to the start of the Fall semester, the Executive Vice President of the chapter took the lead on planning this event. Most of the work for this event involved creating the trivia questions and supplementary presentation, as well as reserving a sizeable classroom to hold the event in – these tasks were completed by the Vice President, but a lot of the advertising was delegated to other members of the executive board.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

There were no costs associated with this event. We had 40 participants who were split up into nine different teams, providing adequate competition and social opportunity during the event.

vi. **Special Problems Encountered**

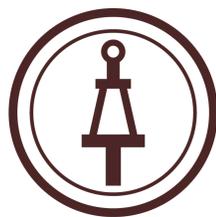
One small problem that came up was the search for an adequate classroom to hold the event in. Members of the executive board found a sizeable classroom with large tables that would work well for the structure of a trivia night. However, upon request of this room to the university, we were unable to reserve it. Thus, we were left with a smaller room with individual desks, making it more difficult to organize the teams for proper collaboration during the trivia night.

vii. **Overall Evaluation**

This event was very successful in its goal of increasing the visibility of Tau Beta Pi on our campus as well as creating an environment for initiates, members, and other students to engage with one another. We spent a lot of time and effort advertising this event to students outside of our organization, and although we only attracted 11 non-TBP initiates/members, we deemed it a success to have any come to our events. In the future, we could collaborate with other student organizations on campus to advertise similar events in the hope of attracting more participants and enhancing our chapter's image to engineering students. By simply spreading our name and organization, we have a much better chance at attracting initiates who might not otherwise have shown interest in Tau Beta Pi.

### 3. Additional Attachments

Figure 6: Trivia Night Flyer



**Tau Beta Pi**  
The Engineering Honor Society

# Tau Beta Pi **TRIVIA NIGHT**

**Friday, Sep 22**  
**7:00 pm**  
**ECEB 2017**



- **Scan the QR code above to sign up!**
- Teams of 3-6 people
- If you don't have enough teammates, we'll make a team for you!
- \$5 for non-TBP initiates and members



There will be prizes!!!



Contact Zach Werth at [zwerth2@illinois.edu](mailto:zwerth2@illinois.edu) with any questions

Figure 7: Trivia Night Slides



Figure 8: Trivia Night Poster

**TAU BETA PI ENGINEERING HONOR SOCIETY**

# TRIVIA

# NIGHT



Teams of 3-6  
-or-  
If you don't have enough teammates, we'll make a team for you

\$5 for non-TBP participants

**PRIZES!!!**

Contact Zachary Werth at [zwerth2@illinois.edu](mailto:zwerth2@illinois.edu) with any questions

**FRIDAY, SEPT 22ND**  
7pm | ECEB 2017

# 17 Board Game Night

## Illinois Alpha

### 1. Project Information

- i. Date(s): 09/27/23
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	2
Electees	2

- v. Average number of hours per person spent:

Participating	Organizing
1.0	2.0

### 2. Project Evaluation

#### i. General Description

Board Game Night is a recurring event that is held in our chapter's office where initiates and members come and play board/card games together. In previous semesters, this has been one of our most popular events, so this event was held as a response to feedback from current members. The goal was to provide a setting for members and initiates to socialize to improve the cohesiveness of our chapter and long-term participation of our members.

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

The purpose of this event was to provide a setting for members and initiates to socialize and to bring back an event that had been very popular in previous semesters. This was done with the ultimate goal of demonstrating receptiveness to member feedback to improve long-term involvement.

#### iii. Organization and Administration

The social Projects VP planned this event and was present during the event to supervise and answer any questions that initiates/members might have had.

#### iv. Total Cost

\$0.0

v. **Cost Breakdown**

n/a

vi. **Special Problems Encountered**

No issues.

vii. **Overall Evaluation**

This event was more successful than the previous Game Night due to multiple initiates and members attending. This helped us achieve our goal of providing a space for initiates to socialize with members.

# 18 Caterpillar Company Talk

## Illinois Alpha

### 1. Project Information

- i. Date(s): 09/27/23
- 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
2.0	1.0

### 2. Project Evaluation

- i. **General Description**

It is a Caterpillar Company Talk. Two full-time engineers from Caterpillar gave members and initiates a brief overview of Caterpillar's objectives and different work. They also talked about their own experiences working for the company and gave some advice on how to prepare for career fairs and interviews.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This project's purpose was to connect members and initiates with experienced professionals. Through these connections, members and initiates are exposed to knowledge that would have only been available to people who have gone through years of experience. Members and initiates were also introduced to opportunities to work in the company, a method of building excellence.
- iii. **Organization and Administration**

The Professional Projects VP got into contact with engineers from Caterpillar and acted as the main point of contact. The chapter's Executive VP was in charge of requesting a room for the event. The event went as planned.
- iv. **In Conjunction With**

Caterpillar

v. **Total Cost**

\$0.0

vi. **Cost Breakdown**

n/a

vii. **Special Problems Encountered**

There was an issue that came with reserving a room for the event. Because of the phasing out of the old event room reservation system, a room was not available for the event until the day before. Our chapter's president was able to reserve a room through other means.

viii. **Overall Evaluation**

More people than expected attended the event. The event was a success. Because of repeated events with Caterpillar and their trust in our chapter, a bigger event could be planned in the future.

# 19 ihelp Day

## Illinois Alpha

### 1. Project Information

i. Date(s): 09/30/23

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	2.0

### 2. Project Evaluation

#### i. General Description

iHelp day is a volunteering event led by Illinois Student Alumni Ambassadors. We had to sign up on their website in advance as an organization and then each individual that would attend had to sign up on their own. On the day of, we were bussed to Salt and Light (a community thrift and grocery store), which we were assigned. There we organized and processed donations for 2 hours, and then were bussed back.

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

The purpose of this project was to assist and give back to our local committee. Salt and Lights is a great business that allows affordable clothing and food the area and allows members of the community to volunteer there in exchange for money to purchase items there. It was our honor to assist them in their efforts.

#### iii. Organization and Administration

The Services VP (me) signed the group up for the event. Members and initiates also had to sign up to participate. Illinois Student Alumni Ambassadors led the event and connected us to Salt and Light. The activity mostly went to plan, although the bus was a bit late getting there so we had less time to volunteer than we originally thought we would.

iv. **In Conjunction With**

Illinois Student Alumni Ambassadors, Salt & Light

v. **Total Cost**

\$0.0

vi. **Cost Breakdown**

The Services VP organized and led this event.

vii. **Special Problems Encountered**

No problems other than low attendance. In the future, we hope to publicize this event more to encourage attendance.

viii. **Overall Evaluation**

Overall, this event went really well. It was a great was to give back to the Urbana-Champaign community. I think the main thing to do in the future with this event it to gain more interest. To do this, the chapter could publicize more through email, Slack, Instagram, announcement at other events, and word of mouth. In the future, we could plan a time to go to Salt and Light to volunteer as just Tau Beta Pi instead of through another organization. This way, we have a bit more choice over the date/time in order to increase participation.

# 20 Study Hours

## Illinois Alpha

### 1. Project Information

- i. Date(s): 10/11/23
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	2
Electees	7

- v. Average number of hours per person spent:

Participating	Organizing
1.0	2.0

### 2. Project Evaluation

#### i. General Description

The study hours event was created to provide a way for initiates and members to socialize while still getting work done during exam weeks. For this event, a group study room was reserved in the Grainger Engineering Library for 2-3 hours during the evening of a weekday during an exam week. Since many students prefer to study in the presence of others who are studying, this event proved to be a popular way for our members and initiates to talk to each other about their classes while also getting their work done.

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

The purpose of this event was to encourage chapter participation during exam weeks by providing a space where members and initiates could discuss common classes and work on problems together. This helps build relationships within the chapter and maintains involvement during busy weeks.

#### iii. Organization and Administration

The Social Projects VP reserved the study room and supervised the event.

#### iv. Total Cost

\$0.0

v. **Cost Breakdown**

n/a

vi. **Special Problems Encountered**

No issues.

vii. **Overall Evaluation**

The goals of this project were achieved because this event had one of the largest participations of any social event this semester. The study room was full and members/initiates were talking to each other about their classes, which is exactly what we wanted to happen to enhance chapter cohesion.

# 21 Board Game Night

## Illinois Alpha

### 1. Project Information

- i. Date(s): 10/18/23
- 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	2

- v. Average number of hours per person spent:

Participating	Organizing
1.0	2.0

### 2. Project Evaluation

#### i. General Description

Board Game Night is a recurring event that is held in our chapter's office where initiates and members come and play board/card games together. In previous semesters, this has been one of our most popular events, so this event was held as a response to feedback from current members. The goal was to provide a setting for members and initiates to socialize to improve the cohesiveness of our chapter and long-term participation of our members.

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

The purpose of this event was to provide a setting for members and initiates to socialize and to bring back an event that had been very popular in previous semesters. This was done with the ultimate goal of demonstrating receptiveness to member feedback to improve long-term involvement.

#### iii. Organization and Administration

The social Projects VP planned this event and was present during the event to supervise and answer any questions that initiates/members might have had.

#### iv. Total Cost

\$0.0

v. **Cost Breakdown**

n/a

vi. **Special Problems Encountered**

No issues.

vii. **Overall Evaluation**

This event had less attendance than the previous Game Night, but we still achieved our goal of providing a space for initiates to socialize with members.

# 22 Pumpkin Pi Mile Run

## Illinois Alpha

### 1. Project Information

- i. Date(s): 10/21/23
- 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
Other community members	2
Members	8
Electees	7

- v. Average number of hours per person spent:

Participating	Organizing
4.0	1.0

### 2. Project Evaluation

#### i. General Description

Our Pi Mile Run event was canceled in the spring due to weather, so we hosted it this fall and rebranded it as the Pumpkin Pi Mile Run. We had a bunch snacks and drinks for participants and everyone got a free t-shirt. Participants ran or walked 3.14 laps around our university's main quad. The top 3 finishers got a pie. There was also a costume contest during this event and the winner also got a pie. The event was open to non-TBP members as well, so people from around campus and the community who don't normally interact with our organization were also welcome to join us and hopefully learn more about who we are. It was dad's weekend on campus, so having such a visible event on the main quad helped to promote our organization.

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

The purpose of this event was for members and initiates to get to know each other better as it was a relaxed atmosphere where participants could do something fun and socialize. Though we were about 7 months and week too late, we still wanted to celebrate Pi Day this year.

#### iii. Organization and Administration

We had a committee which helped plan this event. They were in charge of selecting the location, making flyers for the event, getting the materials (especially snacks), and the logistics for the event.

iv. **Total Cost**

\$300.0

v. **Cost Breakdown**

We obtained funding of \$300 from our school's Engineering Council to put on this event. That money went toward poster/advertising, chalk, snacks, drinks, pumpkin pies, t-shirts, etc.

vi. **Special Problems Encountered**

Due to our university changing its system to make reservations for places like the main quad, we were unable to obtain an official reservation for the quad. This made us hesitant to widely advertise the event. We primarily promoted the event to Tau Beta Pi members and initiates, but mentioned that any of their friends or family were welcome to attend since the event happened before a home football game on dad's weekend.

vii. **Overall Evaluation**

Overall the event was successful despite lower attendance than we were hoping for. The downfall to the attendance was not obtaining an official reservation as the planning committee for this event was prepared to advertise around campus and throughout the community. However, we obtained funding for this event and still had a successful event. All the participants enjoyed the walk/run. Despite the Pi Mile Run rainout in the spring, the weather managed to be beautiful for our Pumpkin Pie version of Pie Day this fall.

3. **Additional Attachments**

Figure 9: Pumpkin Pi Mile Run Set-Up with Participants



Figure 10: Pumpkin Pi Mile Run Participants Lining Up



Figure 11: Donuts!



# 23 1st Grade Outreach

## Illinois Alpha

### 1. Project Information

- i. Date(s): 10/26/23
- 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
Committee Members (Electees)	2
Members	2
Electees	2

- v. Average number of hours per person spent:

Participating	Organizing
3.0	2.0

### 2. Project Evaluation

#### i. General Description

Last year, our chapter did our first K-12 outreach event in a 1st grade classroom, and before we left the teacher asked if we would be willing to come back again this year. Since we knew our K-12 Outreach committee would be smaller in the fall semester, we decided that it would be best to start with this event and use the same stations as last year. We used feedback from both the teacher as well as our volunteers to improve the stations, which was mainly handled by the committee members. The stations focused on teaching students about how light travels in waves, and included making waves with Slinkys, a laser maze, and light diffraction through prisms. We also wanted to teach the students about the engineering design process, so our fourth station had the students create towers using only spaghetti and marshmallows. Teaching the students using stations instead of a large presentation allowed for a more hands on and individualized experience for the students, and for this event we were able to have a 5:1 student to instructor ratio.

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

In planning our K-12 outreach events, our chapter's main goal is to provide a hands-on experience for the students with a more individualized focus instead of teaching to an entire classroom

at once. The feedback from our event last year showed that using four stations is effective in both teaching the students material, as well as providing the most time for students to do activities themselves. Both the teacher as well as our volunteers have said that they feel the students learn better in this environment and are more open to asking questions and actively participating in the activities. Overall, these events serve to promote and encourage an interest in STEM fields from a young age through a unique experience tailored to the specific classroom and students we are visiting.

iii. **Organization and Administration**

We had a very small K-12 Outreach committee this semester, so we decided to build off of and improve a set of stations from last year. The committee members were in charge of gathering the materials, preparing the slideshow, and making sure that all of the volunteers knew how to run the stations. The day of the event, 5 people from our chapter volunteered so that there was one person at each station, as well as one person to oversee all of the activities. The event went very smoothly, which was due in part to the fact that two of the committee members were in attendance and had a very thorough understanding of the stations and how to run them.

iv. **Total Cost**

\$25.0

v. **Cost Breakdown**

Since we used the same set of stations from an event last year, we were able to reuse most of the materials. We did decide to purchase some prisms for the diffraction station, as well as a couple more Slinkys.

vi. **Special Problems Encountered**

Since we had done a similar outreach event in the past, we were able to change things that didn't work the last time and successfully prevented any issues with the event.

vii. **Overall Evaluation**

After the event we asked for feedback from the teacher as well as our volunteers. The teacher said she really appreciated us coming again and that she liked the slight adjustments we made to some of the stations. She also asked if we would be willing to come back again next year to do stations with her next group of students. The volunteers also said they really enjoyed the event, and a couple expressed their interest in doing more outreach events in the future. At the event, the students all seemed very excited and engaged with the activities, and they were constantly talking with our volunteers and asking questions. Several of the students asked if we could come back again, and a couple even asked if we could stay the entire day. Overall, this event provided a unique experience for everyone involved, and our chapter hopes to greatly expand our K-12 outreach in future semesters. This event also showed that once we design a lesson plan, it is fairly easy to reuse the lesson as well as the materials in future events. Therefore, in the future we hope to increase the number of events we do per semester by using some lesson plans we have already created, while also continuing to create new lessons as we reach out to more classrooms and more schools.

# 24 Internship Donut Chat

## Illinois Alpha

### 1. Project Information

- i. Date(s): 10/27/23
- 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	5

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

### 2. Project Evaluation

- i. **General Description**

Members and initiates had a discussion about their experiences in finding and interviewing for internships. They also talked about their learnings from these professional experiences and gave advice to each other about future plans.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This project's purpose was to connect members and initiates with one another. Learning from peers' experiences can greatly help whenever looking for job opportunities. Connecting with others about navigating the modern job landscape not only boosted the camaraderie of participants but also aided them in future decision making.
- iii. **Organization and Administration**

The Professional Projects Committee came up with the original idea and made a form to gauge interest. The professional projects VP brought the donuts to the event. The event went shorter than expected.
- iv. **Total Cost**

\$20.0
- v. **Cost Breakdown**

\$20 - Dozen Assorted Donuts

vi. **Special Problems Encountered**

No issues

vii. **Overall Evaluation**

Members and initiates were satisfied with the event. They shared their experiences and each and all of their questions about internships were answered. A more formal event, where a panel/groups could talk about a certain topic, could be planned in the future.

# 25 Halloween Study Hours

## Illinois Alpha

### 1. Project Information

- i. Date(s): 10/30/23
- 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
Electees	4

- v. Average number of hours per person spent:

Participating	Organizing
1.0	2.0

### 2. Project Evaluation

#### i. General Description

The Halloween study hours event was created to expand on our popular study hours event in a way that allowed for more engagement. Attendees were offered an extra social point if they came dressed in their Halloween costume with the goal of attracting participants who wanted to dress up in their costume. This provided a way for initiates and members to socialize while still getting work done during an exam week. For this event, a group study room was reserved in the Grainger Engineering Library for 2-3 hours during the evening of a weekday during an exam week. Since many students prefer to study in the presence of others who are studying, this event proved to be a popular way for our members and initiates to talk to each other about their classes while also getting their work done.

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

The purpose of this event was to encourage chapter participation during exam weeks by providing a space where members and initiates could discuss common classes and work on problems together. This helps build relationships within the chapter and maintains involvement during busy weeks.

#### iii. Organization and Administration

The Social Projects VP reserved the study room, purchased candy, and supervised the event.

iv. **Total Cost**

\$5.0

v. **Cost Breakdown**

\$5 - halloween candy for attendees

vi. **Special Problems Encountered**

No issues.

vii. **Overall Evaluation**

The goals of this project were achieved because of the considerable attendance that this event had. The smaller study room was full and members/initiates were talking to each other about their classes, which is exactly what we wanted to happen.

# 26 Illini Lights Out

## Illinois Alpha

### 1. Project Information

- i. Date(s): 11/03/23
- 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	7

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

### 2. Project Evaluation

#### i. General Description

Illini Lights Out is a campus-wide event where students attend and are assigned a building around campus to go and turn off all the lights for the weekend. Participants must record each light and the number of bulbs turned off. This event was led by Illinois' Institute for Sustainability, Energy, and Environment (iSEE). The leader had to sign up in advance to attend and each person had to sign in themselves at the event.

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

The purpose of this project was to give back to the university by helping the environment and energy usage by engaging in the sustainable practice of turning off lights that would otherwise be using up energy all weekend. This allows our chapter to give back to the university.

#### iii. Organization and Administration

The Services VP (me) signed the group up for the event. At the actual event, participants signed in with the organization and with TBP leadership. The group worked with Illinois' Institute for Sustainability, Energy, and Environment (iSEE) and all the other organizations that sent members to this event. There were no major problems, the event went according to the plan.

#### iv. In Conjunction With

Institute for Sustainability, Energy, & Environment

v. **Total Cost**

\$0.0

vi. **Cost Breakdown**

The Services VP organized and led this event.

vii. **Special Problems Encountered**

n/a

viii. **Overall Evaluation**

Overall, this event was a success. It was a great way for Tau Beta Pi to assist the university and keep it sustainable. It did reach its goals of helping out the university. In the future, a similar project could be doing this on a smaller scale through just Tau Beta Pi. We could do this on the weekends that the actual Illini Lights Out events are not held. This would allow us to make more of an impact as an individual organization.

# 27 Engineering Barn Dance

## Illinois Alpha

### 1. Project Information

- i. Date(s): 11/10/23
- 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
other university students	127
Members	20
Electees	5

- v. Average number of hours per person spent:

Participating	Organizing
15.0	3.0

### 2. Project Evaluation

#### i. General Description

Our chapter co-hosted an Engineering Barn Dance with three other engineering organizations with the hope of improving the sense of community within the Grainger College of Engineering and increasing awareness of our chapter on campus. This event was a barn dance at a farm off campus where there was a DJ, bonfires, and hayrides. Despite holding the dance in early November, we still sold all of our tickets and had to create a waitlist due to further interest in the event. We had 152 attendees, 25 of which were initiates or members of our chapter, which made this our largest event of the semester. Because of the significant turn out, there was extensive socialization between our members and amongst the other students present. We found this event to be very useful for increasing awareness of our chapter on campus because we have had much difficulty hosting large events since COVID and found that most initiates were largely unaware of our presence on campus. Now, due to the number of attendees and our advertising efforts, more engineering students know of our chapter and we've formed strong connections with other engineering organizations as well.

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

The purpose of this event was to enhance the camaraderie and sense of community within

our chapter and the College of Engineering as a whole. An additional purpose was to improve awareness of our chapter on campus, specifically within the College of Engineering. Our chapter has found that event attendance and member engagement is very difficult to sustain throughout the semester, so we have been trying to plan events that would help with this issue. Because of the COVID pandemic there was a significant break in continuity of programming for our chapter so it has been difficult to reassert ourselves as the prominent engineering honor society to the undergraduates. Related to this, our members who initiated in an online or hybrid setting were never able to experience the networking and community benefit of TBP that our in-person events provide. Thus, this engineering barn dance was organized as a return to form for our chapter's social events where we could bring together a large number of our members/initiates, as well as the broader community. Based off of our attendance numbers and the reviews we got from attendees, the event was a success and we were successful in providing a setting for our members and members of the College of Engineering to network and form relationships. This now paves the way for more large events within our chapter, as well as more collaborations with other engineering organizations, that will benefit the sense of community within our chapter and the cohesion and community within the College of Engineering.

iii. **Organization and Administration**

Most organizational and administrative tasks related to this event were completed by our chapter's Social Projects VP. He coordinated with the venue and transportation company, created google forms for ticket sales and interest, coordinated with the other co-hosting organizations, bought the drinks, delivered the drinks, helped sell tickets, checked attendees into the barn dance, and cleaned up after the event. Other members of our chapter's board also assisted in the process by designing flyers, helping solve logistical problems, and selling tickets. Members of the co-hosting organization helped purchase drinks and ensure that there were no problems once the event started.

iv. **In Conjunction With**

IEEE, AIAA, and BMES helped host this event

v. **Total Cost**

\$2369.0

vi. **Cost Breakdown**

The cost breakdown was: Venue - \$1300, Transportation - \$844, Drinks - \$200, Wristbands - \$10, Cash Box - \$15. \$800 in funding was obtained from the UIUC Engineering Council and the rest was covered by ticket sales. There were enough participants to successfully meet the project plan.

vii. **Special Problems Encountered**

A special problem that arose when planning this event was the other co-hosting organizations not responding for weeks at a time when trying to decide crucial logistical issues for the event. This made is very difficult to move forward with planning the event, but our social chair was able to plan around the limited responses from the other organizations and he took on the majority of the responsibilities so that the event could happen.

viii. **Overall Evaluation**

The overall impact of the project was very positive in that we had significant member engagement and were able to greatly improve the sense of community within our chapter and the College of Engineering as a whole. We had more members attend this event than any other event this semester and every attendee that we talked to said that they had a great time. With

this event, we have also now laid the groundwork for future collaboration between our TBP chapter and the other engineering organizations, which will be extremely beneficial to the sense of community within the College of Engineering and to the impact that our organizations can collectively have on campus. Further, we have hopefully set precedent for our members to stay engaged and have hopefully reestablished our prominent position within the College of Engineering and the university as a whole. In similar projects in the future we could utilize our advertising strategies and collaboration with other organizations to plan another large event that improves the sense of community within engineering at UIUC. To achieve better results, we could collaborate with other organizations who would want to take on more responsibilities in the planning process, as well as plan the event at an earlier date so that more members would attend.

### **3. Additional Attachments**

Figure 12: flyer



TAU BETA PI ENGINEERING HONOR SOCIETY,  
AIAA, IEEE, AND BMES PRESENT

# ENGINEERING BARN DANCE

FRIDAY NOVEMBER 10 \$15



SIGN-UP FORM  
ABOVE!

### WRISTBAND PICK-UP

- Engineering Hall 111 (Tau Beta Pi Office)
- Mon (11/6) 4-7:30pm
- Tues (11/7) & Wed (11/8) 4-8pm

### EVENT DETAILS

- Miner Farms
- Time slots first come first serve at wristband pickup
  - 7:30-10:00pm
  - 8:15-11:00pm
  - 9pm-12am



# 28 Bowling Night

## Illinois Alpha

### 1. Project Information

- i. Date(s): 11/15/23
- 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

The bowling event was held as a social opportunity for members and initiates to build relationships and take a break from exam studying. We have held our initiate social in the Illini Union Rec Room in the past and we've found that bowling is a great way to get members talking where everyone has a good time.

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

The purpose of this event was to enhance chapter cohesion by hosting a paid-for bowling event. Bowling is always a popular event so the event was held to increase participation and facilitate socialization amongst members and initiates.

#### iii. Organization and Administration

The Social Projects VP reserved the bowling lanes, handled payments for bowling shoes and the lane, and supervised the event to take attendance.

#### iv. Total Cost

\$46.0

#### v. Cost Breakdown

\$28 for 7 people for 1 game, \$18 for bowling shoes for 7 people

vi. **Special Problems Encountered**

No issues.

vii. **Overall Evaluation**

Event attendees thoroughly enjoyed the event and socialized during the bowling. This achieves our goals of improving member participation and enhancing chapter cohesion. This event has the potential for much larger attendance, which can be achieved through better promotion of the event.

# 29 Clothing and Household Items Drive

## Illinois Alpha

### 1. Project Information

- i. Date(s): 11/27/23 - 12/02/23
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM

- iv. Number of persons who participated:

Category	Count
Members	2
Electees	6

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.0

### 2. Project Evaluation

#### i. General Description

The Clothes and Household Items Drive collected items including clothes (in any condition), books, DVDs, CDs, purses and belts, toys and stuffed animals, linens, small electronics, and jewelry. We donated these items to a local thrift store called Salt and Light. They have open donation drop off, but we did call in advance to make sure they were prepared for a larger delivery. Over the week long event, initiates and members were able to drop off their donations to the Tau Beta Pi Office during office hours. Then, the members of the service committee drove the items over to be donated.

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

The purpose of this project was to give back to the local community by giving away essential used items. It also helps eliminate waste and promote sustainability by giving clothing and other items another life and use. It helped our chapter's mission of giving back to the community.

#### iii. Organization and Administration

The Services VP and committee planned this event. The responsibilities including calling Salt and Light and collecting items during Tau Beta Pi office hours. The most difficult part was delivering items as it required finding a member who had a car and finding a time to deliver the items. We worked with Salt and Light for this event as we donated our items to them. The activity went well as we were also able to donate items that had been sitting in the TBP office from previous semesters, clearing and cleaning the office space.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

The Services VP and the service committee organized this event.

vi. **Special Problems Encountered**

n/a

vii. **Overall Evaluation**

Overall, this event was a success. It allowed Tau Beta Pi to give back to the community by donating essential items, making them available to the community at a very affordable price and recycle those items if they can't be used. The chapter did reach its goal of assisting the local community. In the future, we could continue to donate to Salt and Light, but also donate nicer items to another place that would give out the items for free to those in need.

# 30 Food Drive

## Illinois Alpha

### 1. Project Information

- i. Date(s): 11/27/23 - 12/02/23
- 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
2.0	1.0

### 2. Project Evaluation

#### i. General Description

The Food Drive collected food items for Eastern Illinois Foodbank, including canned food, prepared meals, and other non-perishable items. The have open drop off, but we did call in advance to make sure they were prepared and available for our delivery. Over the week long event, initiates and members were able to drop off their donations to the Tau Beta Pi Office during office hours. Then, the members of the service committee drove the items over to be donated.

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

The purpose of this project was to give back to the local community by donating one of the most essential things: food. It provides free staples to those in need to the local community. It helps our chapter's mission of giving back to the community.

#### iii. Organization and Administration

The Services VP and committee planned this event. The responsibilities including calling Eastern Illinois Food Bank and collecting items during Tau Beta Pi office hours. The most difficult part was delivering items as it required finding a member who had a car and finding a time to deliver the items. We worked with Eastern Illinois Food Bank for this event as we donated our food to them. This activity went according to plan, though we had less donations than we had originally hoped.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

The Services VP and service committee organized and planned this event.

vi. **Special Problems Encountered**

The only problem we really had was that we didn't get as many donations as we had originally hoped. We could address this issue in the future by publishing the food drive more on email, Slack, Instagram, and at other events. We could also try and offer more pickup times, and we could extend the drive to last two weeks instead of one.

vii. **Overall Evaluation**

Overall, the event was a success. It allowed Tau Beta Pi to give back to the community by donating essential sustenance, making it available free to the community. The chapter did reach its goal of assisting the local community. In the future, we could make the drive longer in an attempt to take more donations. We could also bring members to the food bank itself in order to pack food bags and help out in person along with giving donations.

# 31 Study Hours

## Illinois Alpha

### 1. Project Information

- i. Date(s): 11/28/23
- 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	4

- v. Average number of hours per person spent:

Participating	Organizing
1.0	2.0

### 2. Project Evaluation

#### i. General Description

The study hours event was created to provide a way for initiates and members to socialize while still getting work done during exam weeks. For this event, a group study room was reserved in the Grainger Engineering Library for 2-3 hours during the evening of a weekday during an exam week. Since many students prefer to study in the presence of others who are studying, this event proved to be a popular way for our members and initiates to talk to each other about their classes while also getting their work done.

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

The purpose of this event was to encourage chapter participation during exam weeks by providing a space where members and initiates could discuss common classes and work on problems together. This helps build relationships within the chapter and maintains involvement during busy weeks.

#### iii. Organization and Administration

The Social Projects VP reserved the study room and supervised the event.

#### iv. Total Cost

\$0.0

v. **Cost Breakdown**

n/a

vi. **Special Problems Encountered**

No issues.

vii. **Overall Evaluation**

The goals of this project were achieved because this event had a large turnout during one of the busiest exam weeks of the semester. The study room was full and members/initiates were talking to each other about their classes, which is exactly what we wanted to happen to enhance chapter cohesion.

# 32 Ice Skating Night

## Illinois Alpha

### 1. Project Information

- i. Date(s): 11/29/23
- 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	2.0

### 2. Project Evaluation

#### i. General Description

The ice skating event was held to provide an alternative to the traditional social events we hold to better cater to the interests of all initiates and members. Initial interest in this event was high and it provided an opportunity to diversify our social event programming to encourage chapter participation.

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

The purpose of this event was to enhance chapter cohesion by hosting a paid-for ice skating event. Ice skating at the UIUC ice arena is popular on campus so the event was held to increase participation and facilitate socialization amongst members and initiates.

#### iii. Organization and Administration

The Social Projects VP promoted the event, met the attendees at the venue, and paid for the admission for the attendees.

#### iv. Total Cost

\$10.0

#### v. Cost Breakdown

\$10 - ice arena admission

vi. **Special Problems Encountered**

No issues.

vii. **Overall Evaluation**

The goals of this project were to provide a last social event for the semester that was different than the events that had already been held. The aim of this was to increase participation and provide another opportunity for members and intiaites to socialize.

# 33 End of Semester General Meeting

## Illinois Alpha

### 1. Project Information

- i. Date(s): 12/02/23
- 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	45
Electees	22

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.0

### 2. Project Evaluation

#### i. General Description

At the end of each semester, we have a general meeting immediately following our banquet. It is required for all initiates and members to attend in-person or on zoom. In the general meeting, we recap the semester and highlight some of the bigger events we held. We also do elections for executive positions and conduct any voting that needs to be done. Our chapter's scholarship winners are also announced at the general meeting and those recipients are recognized for their achievements.

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

The purpose of this event is to summarize the semester, recognize outstanding members in our organization, and offer the chance to be elected into a leadership opportunity when there's a lot of excitement surrounding Tau Beta Pi. The initiates would have just gone through initiation, so they may feel inspired to be really involved with our chapter moving forward.

#### iii. Organization and Administration

The meeting is run primarily by the President who puts together the slides for the general meeting and prepares for elections. The Vice President awards the scholarships. Our social, service, and professional chairs discuss events held throughout the semester.

iv. **Total Cost**

\$13.0

v. **Cost Breakdown**

The only cost for the event is printing the scholarship certificates.

vi. **Special Problems Encountered**

None.

vii. **Overall Evaluation**

This event is a great way to wrap up the semester. With the event being held right after initiation, everyone who just participated in initiation can learn about ways to stay involved in the future as we recognize members who have gone beyond the minimum requirements for active membership in our chapter.

# 34 End of Semester Banquet

## Illinois Alpha

### 1. Project Information

- i. Date(s): 12/02/23
- 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	21
Electees	18

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.5

### 2. Project Evaluation

#### i. General Description

We have an end-of-semester banquet at the end of each semester. This semester we went to Papa Del's, a local deep dish pizza restaurant, and celebrated the semester. Initiates and distinguished active members get to attend the banquet for free. They can bring a guest as well if the guest purchases a ticket. The banquet is our final event of the semester where we celebrate the new initiate class and what our chapter did that semester. Our advisor and President typically give speeches encouraging everyone to stay involved with Tau Beta Pi.

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

The purpose is to celebrate our members, recognize their achievements, and show that we appreciate what they do for our chapter.

#### iii. Organization and Administration

Our treasurer typically organizes the event as most of the organization involves the expense of paying for the banquet. We selected a menu and the restaurant had a delicious buffet ready for us when we arrived. Everyone ate as much as they could and took home boxes of leftovers :)

#### iv. Total Cost

\$0.0

v. **Cost Breakdown**

This event is typically one of our most expensive events of the semester. However, we put in a funding request through our College's Engineering Council and they paid for the event. Our chapter did not have any expenses for this event.

vi. **Special Problems Encountered**

The venue is slightly off campus and is not within walking distance. Therefore we needed to take a bus. Having the banquet immediately after the general meeting is intended for everyone to go to the banquet together. However, not everyone went with us since it was off campus a bit.

vii. **Overall Evaluation**

The event was a great celebration of the semester. Everyone enjoyed the pizza, salads, cookies, and other appetizers. Our advisor gave a very inspirational speech and new initiates were asking about opportunities for leadership and how to stay involved.

# 35 Executive Board Bonding

## Illinois Alpha

### 1. Project Information

- i. Date(s): 01/27/24
- 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	0

- v. Average number of hours per person spent:

Participating	Organizing
0.5	2.0

### 2. Project Evaluation

#### i. General Description

To kick off the spring semester, our executive board did a team bonding event. We had several new board members, so it was a good way for us all to get to know each other. We went to an escape room, and we were the quickest to escape that month, so our name went on the leaderboard, and we got out so quickly that we got to do a bonus puzzle too. Everyone had a lot of fun and we got to know each other better.

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

The goal was for the executive board to get to know one another better at the beginning of the semester.

#### iii. Organization and Administration

The President gauged interest in a exec bonding event for our chapter, and the board was interested. We then decided on what type of activity we wanted to do and everyone on the board wanted to do an escape room, so we found a time when nearly all of us could go.

#### iv. Total Cost

\$250.0

#### v. Cost Breakdown

The escape room cost \$25 per person.

vi. **Special Problems Encountered**

None.

vii. **Overall Evaluation**

This event was successful. We all rode the bus to the escape room, so it allowed us time to talk and get to know one another better. Then we did the escape room and worked together as a team to get through the puzzles. Since we escaped quickly, we got to put Tau Beta Pi on the leaderboard which was an added bonus. It gave us something to reflect on and talk about for the rest of the semester as the escape room would come up in conversation occasionally.

3. **Additional Attachments**

Figure 13: Exec Board in Escape Room



Figure 14: Group Photo after Escape Room



Figure 15: Escape Room Leaderboard



# 36 Spring 2024 Information Sessions

## Illinois Alpha

### 1. Project Information

- i. Date(s): 01/31/24 - 02/01/24
- 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	200

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

### 2. Project Evaluation

#### i. General Description

Each semester we offer a series of information sessions for potential initiates to learn about Tau Beta Pi and our chapter's initiation process. We give them information about next steps, how to join, and allow them to ask questions. After the session is over, we provide pizza to everyone in attendance and people chat with one another. The board walks around and talks with attendees on a more individual basis.

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

Our goal is to get as many eligible students to initiate into our chapter as we can, and this event is a huge part of that. Our invitation emails direct eligible students to these information sessions where we share information about Tau Beta Pi, membership benefits, and how to join.

#### iii. Organization and Administration

The event is mostly organized by the President. This year the President made new slides for these sessions as the previous ones were getting to look outdated. The entire board was in attendance at the info sessions, and we split up who covered each slide.

#### iv. Total Cost

\$0.0

v. **Cost Breakdown**

The only cost was for the pizza, which was nearly \$900 this year as we hosted 3 large info sessions. We applied for a funding request from our school's Engineering Council to cover our expenses and our request for funding was approved, so our chapter didn't have any expenses for our info sessions.

vi. **Special Problems Encountered**

We hosted a 3rd info session later in the semester as the Dean's office was having issues filtering and getting the invitation emails sent out. As soon as they got the invitations sent out correctly, we hosted a 3rd info session, but there wasn't enough time to reserve a room. Our President worked with the Dean's office to get a room, but the room they provided was too small. With such short notice, we had to use that room and people were crammed and spilling out into the hallway.

vii. **Overall Evaluation**

The new slides for the information sessions made a big difference as they are much more pleasant to look at and present the information better. The information sessions were successful despite the errors the Dean's office had when sending out the invitation emails. It was a great opportunity for us to talk with interested initiates in-person, provide everyone with pizza, and tell everyone why and how to join Tau Beta Pi.

3. **Additional Attachments**

Figure 16: Slides & Table

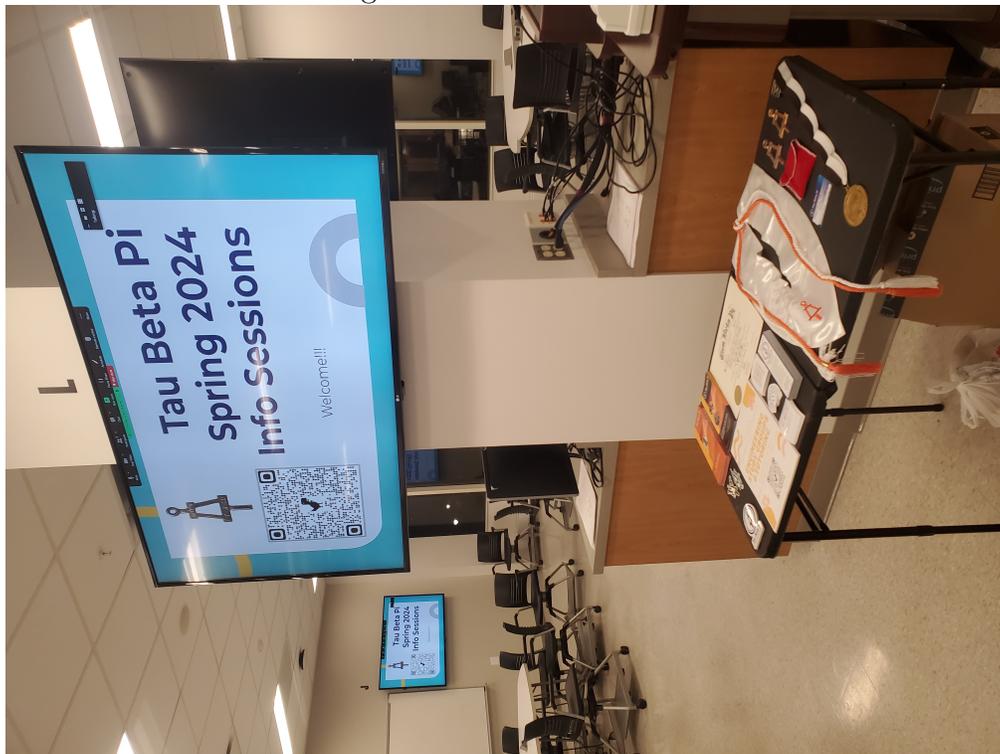
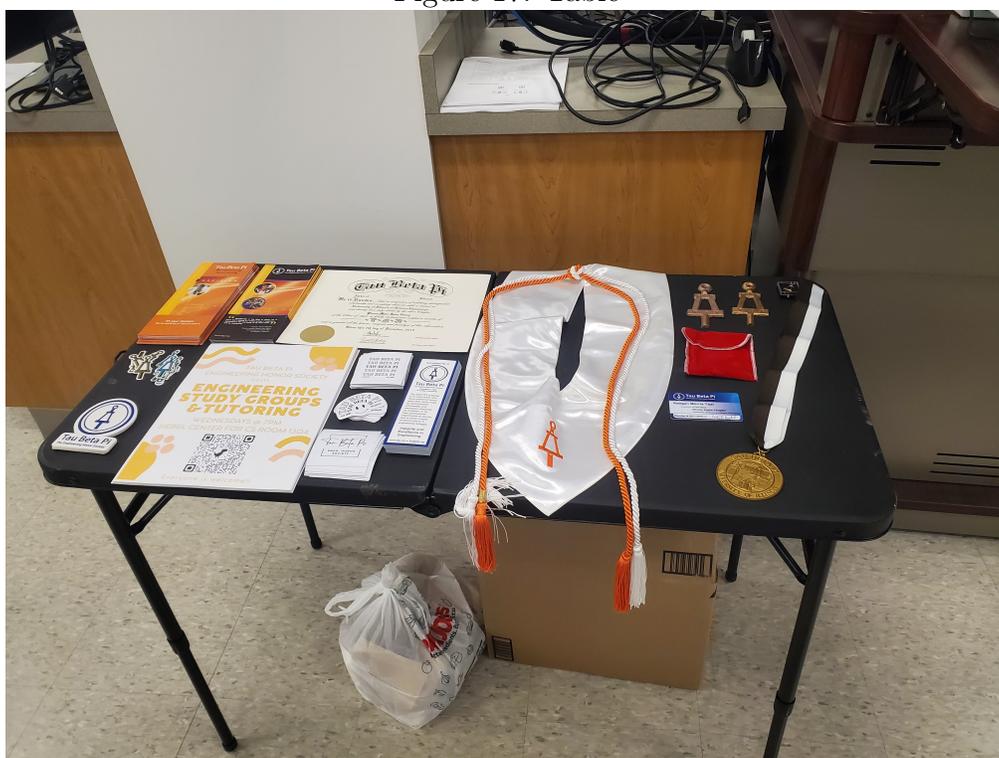


Figure 17: Table



# 37 Committee Meetings

## Illinois Alpha

### 1. Project Information

- i. Date(s): 02/06/24
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	10
Electees	40

- v. Average number of hours per person spent:

Participating	Organizing
1.0	4.0

### 2. Project Evaluation

#### i. General Description

One of the requirements for our initiates is to participate on a committee with other initiates. Each committee had 4 meetings evenly spaced throughout the semester. This spring semester, we offered 7 committees: social, service, professional, K-12 Outreach, Engineering Open House, Alumni Relations and Pi Mile Run. We divided the committee meetings between 2 different days of the week to ensure initiates could select a committee that worked better for their schedule. The project committees (social, service, and professional committees) met on Thursdays and would work with our Social Projects VP, Service Projects VP, and Professional Projects VP to plan events for our chapter. The activity committees (K-12 Outreach, Engineering Open House, Alumni Relations and Pi Mile Run) met on Thursdays and were led by members of our chapter. The K-12 Outreach committee planned a series of stations to take to elementary classrooms to share our passion for STEM and organized classroom visits. The Engineering Open House committee planned our project and booth for the College's Engineering Open House which hosts tens of thousands of visitors over a 2-day span where student groups get to show technical projects they have been working on throughout the year. The Pi Mile Run committee planned our Pi Mile Run which consisted of running 3.14 laps around our campus's main quad. The Alumni Relations committee communicated with alumni of our chapter, tried organizing an alumni panel, and started working with the officer of the Central Illinois Alumni Chapter.

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

The purpose of having committees is for initiates to work on a project for our chapter as part of a smaller group. By allowing initiates to plan events and activities for our chapter, they have an impact and influence over what our chapter does in the first semester they are apart of Tau Beta Pi. We hope that they will want to continue participating in events with our chapter after they become members because they feel connected to our events and want to see their ideas come to fruition as they are working on projects that sometimes take multiple semesters or are repeated and improved upon in future semesters. It helps give them ownership of a project and immediately connects them with one of the aspects of our chapter they are most interested in. Additionally, by working in small groups, the participants get to know one another throughout the course of the semester. We hope that this will help to establish friendships in our chapter and create a better sense of community within our chapter.

iii. **Organization and Administration**

The committees are organized by the President who sets the dates for each committee meeting at the beginning of the semester. The Vice President puts in the room reservation requests. At the beginning of each semester, we put out an application for committee leads for the activity committees to our members as another leadership opportunity within our chapter and a way they can meet the requirements to be a distinguished active member of our chapter for that semester. For any committees that don't get committee leads, we have a board member lead the committee for that semester. The President attends every meeting, makes a few brief announcements, then the rest of the time is working within the committees. The President gets updates from each committee lead after the meeting and works closely with the leads who are not on the executive board to make sure their committees have everything the need and announcement/sign-ups are being sent in our newsletter. Each committee meeting is scheduled to be an hour long, but sometimes committees don't need the entire hour and end a few minutes early. Since each meeting is an hour, we have a make-up policy that for each of the 4 meetings that an initiate misses, they must get an additional event point which equates to an hour of time participating in our chapter events.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

There are no costs for the committee meetings.

vi. **Special Problems Encountered**

None.

vii. **Overall Evaluation**

We have done committees for the last 3 semesters in our chapter and they have been working great! It allows us to take on bigger projects as a chapter as we can add committees related to nearly any project we want to take on. It takes time to gauge the impact the committees have on our membership and how active people stay with our chapter after they initiate, but overall members are staying more active in our chapter than in the past. The committees have also helped us fill board positions as 50% of our committee leads who were members have gone on to become board members. Additionally, since our board is working closely with the committees, it helps us more personally know our initiates and can encourage individuals to pursue leadership roles within our chapter. This spring we had more people interested in the board than we had open board positions which hasn't been the case in previous years, so I'd say the committees

are definitely improving our chapter.

# 38 Dinner with the Deans

## Illinois Alpha

### 1. Project Information

- i. Date(s): 02/07/24
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	2
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.5	2.0

### 2. Project Evaluation

#### i. General Description

The Dean's Office and the Dean's Student Advisory Committee host Dinner with the Deans each year. This year, we sent 2 representatives from Tau Beta Pi. The purpose of this event is to discuss issues with the Deans that your student organization faces. This is a way for the Deans to talk directly with students and figure out what they can do to assist student organizations.

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

By participating in this event, it provided Tau Beta Pi representation in discussions about what can be improved in our College.

#### iii. Organization and Administration

There was minimal organization required as the President brought up participating in this event during a board meeting. The President and our Corresponding Secretary were interested in attending and represented us at the event.

#### iv. In Conjunction With

Dean's Student Advisory Committee

#### v. Total Cost

\$0.0

vi. **Cost Breakdown**

None. Dinner was provided at the event and there were no registration costs.

vii. **Special Problems Encountered**

None.

viii. **Overall Evaluation**

Our chapter had not previously participated in this event, but there was good discussion about what could be improved within our College. I highly suggest Tau Beta Pi continue to send a representative or two each year to this event.

# 39 Community Tutoring

## Illinois Alpha

### 1. Project Information

- i. Date(s): 02/07/24 - 04/24/24
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	10
Electees	15

- v. Average number of hours per person spent:

Participating	Organizing
4.0	7.0

### 2. Project Evaluation

#### i. General Description

Illinois Alpha performed campus-wide advertising via posters, newsletters, and discord announcements with a spreadsheet-style help board where any student could sign up to be tutored for whichever classes they chose. Then, during regular board meetings, the chapter would attempt to find members / initiates who could tutor the classes posted in time for the weekly tutoring sessions.

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

On top of helping the community and providing a place for students to get together to study, tutoring spread the name of Tau Beta Pi on the UIUC campus.

#### iii. Organization and Administration

The management of the tutoring registration system consisted both of active monitoring and the inclusion of a potential tutor conversation during each weekly board meeting.

#### iv. Total Cost

\$0.0

#### v. Cost Breakdown

Tutors were in abundance, tutees were not. This caused a discrepancy that the chapter attempted to confront with additional advertising. However, as later mentioned, our methods should be changed.

vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

Despite the significant organization and large number of tutors who attended, the name of Tau Beta Pi did not draw a large number of potential tutees so often tutors were left unfilled. The chapter has recently developed a new series of advertising methods such as the use of an Instagram account which should serve to bolster attendance at events at all scales.

# 40 Illini Lights Out

## Illinois Alpha

### 1. Project Information

- i. Date(s): 02/09/24
- 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

Illini Lights Out is a campus-wide event where students attend and are assigned a building around campus to go and turn off all the lights for the weekend. Participants must record each light and the number of bulbs turned off. This event was led by Illinois' Institute for Sustainability, Energy, and Environment (iSEE). The leader had to sign up in advance to attend and each person had to sign in themselves at the event. For this session, our members were assigned the University of Illinois Armory.

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

The purpose of this project was to give students the opportunity to have a large, quantifiable impact on energy usage through the simple practice of turning off the lights in a building. This allows our chapter to give back to the university while educating our members on active sustainability projects on our campus.

#### iii. Organization and Administration

The Services VP signed the group up for the event. At the actual event, participants signed in with the organization and with TBP leadership. The group worked with Illinois' Institute for Sustainability, Energy, and Environment (iSEE) and all the other organizations that sent members to this event. There were no major problems, the event went according the plan.

iv. **In Conjunction With**

Illinois' Institute for Sustainability (iSEE)

v. **Total Cost**

\$0.0

vi. **Cost Breakdown**

There were enough participants to successfully complete the event.

vii. **Special Problems Encountered**

Since the building assignments are given as soon as the event starts, some members coming late had trouble finding our group once we were on our way. Since communication was easy, this was a very minor problem.

viii. **Overall Evaluation**

Overall, this event was a success. It was a great way for Tau Beta Pi to assist the university and keep it sustainable. It did reach its goal of helping out the university. In the future, a similar project could be doing this on a smaller scale through just Tau Beta Pi. We could do this on the weekends that the actual Illini Lights Out events are not held. This would allow us to make more of an impact as an individual organization.

# 41 Initiate Social

## Illinois Alpha

### 1. Project Information

- i. Date(s): 02/10/24
- 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	31

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

### 2. Project Evaluation

#### i. General Description

For this semester's initiate social we went bowling at our University's bowling alley and played billiards. This event is for initiates to get to know one another while doing a fun activity. Additionally, several board members were present to talk, bowl, and play billiards with the initiates.

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

The purpose of this event is to kick off the semester for the initiates. We typically hold this event at the beginning of the semester to help initiates get to know one another better. We ask our board to come as well if they are available to ensure that the executive board knows as many of our initiates as possible. Facilitating these connections creates a sense of belonging and community within our chapter.

#### iii. Organization and Administration

The Vice President helped to submit the lane request. Our treasurer ensured we paid the balance of the event.

#### iv. Total Cost

\$202.5

v. **Cost Breakdown**

The cost is for the bowling alley lanes, shoe rental, and billiards tables which we covered for everyone at the event.

vi. **Special Problems Encountered**

None.

vii. **Overall Evaluation**

The event was a hit with our initiates as we had a large turnout and people got to know one another better.

# 42 Initiate Interviews

## Illinois Alpha

### 1. Project Information

- i. Date(s): 02/12/24 - 02/23/24
- 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	72

- v. Average number of hours per person spent:

Participating	Organizing
0.1	0.8

### 2. Project Evaluation

#### i. General Description

Our chapter conducts initiate interviews early in the semester so potential initiates can get to know our members and our members can get to know our potential initiates. These interviews are held in our office, so it's a good for potential initiates to see where our office is and see what resources are available to them at our office. We ask them about what their interests are within their major, activities they're involved in, interests they have, and questions to get to know their character. We also allow them to ask questions and can provide any guidance on the initiation process. This semester we interviewed electees in groups making it more of a conversation instead of an interview, and that way electees could get to know one another better.

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

The purpose is to foster a sense of belonging within Tau Beta Pi as new electees get to know existing members in a casual setting. It helps us get to know them and make sure their character aligns with the standards of Tau Beta Pi. It also serves as a check-in point at the beginning of the semester to make sure that each electee understands the initiation requirements as it can be confusing.

iii. **Organization and Administration**

Typically the President creates a sign-up sheet and members and initiates can sign-up for a timeslot during the 2 weeks that the interviews are offered. Typically time slots are 30 minutes for each group of initiates.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

There are no costs for this event.

vi. **Special Problems Encountered**

None.

vii. **Overall Evaluation**

Overall, this event worked as we expected it to. It's a great way to have members and initiates introduce themselves to one another and get to know each other. Everyone liked the group interview setting much more as they could hear about other initiates' interests.

# 43 Murphy's Happy Hour

## Illinois Alpha

### 1. Project Information

i. Date(s): 02/16/24

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

To kick off the social committee's event, we went to Murphy's Pub and Grill on a Friday evening for a happy hour. We provided appetizers to members and initiates and enjoyed socializing with each other.

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

This event provided an opportunity to engage and meet other members and initiates. We strive to foster connection and build a sense of community.

#### iii. Organization and Administration

The Social Projects VP planned this event with the assistance of one of their committee members. The committee member made sure the event ran smoothly while the Social Projects VP made sure everyone had the right location and got the food for everyone.

#### iv. Total Cost

\$39.74

#### v. Cost Breakdown

We provided appetizers for the students in attendance. We did have to be conscientious of the cost. However, we were able to provide enough food for everyone.

vi. **Special Problems Encountered**

n/a

vii. **Overall Evaluation**

This project was very successful and was one of the favorite events of some initiates. It was a great way to kick off the semester. However, one concern was the cost of this event, so in the future, individuals could opt to purchase their own food.

# 44 Tau Bate Talk Watch Party with Dr. David J. Nagel

## Illinois Alpha

### 1. Project Information

- i. Date(s): 02/18/24
- 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	4

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.0

### 2. Project Evaluation

#### i. General Description

In order to garner intellectual discussion regarding the topic of "The Status, Momentum and Potential of Low Energy Nuclear Reactions", our Illinois Alpha Chapter projected the live presentation of Dr. Nagel's talk with an audience consisting of a small group of Tau Beta Pi members and initiates. The "watch party" was hosted for the full duration of the talk and some additional time after the fact for final discussion.

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

The primary goal of the "watch party" was excite the interests of our members and initiates in the field of engineering as a whole and to develop conversational skills regarding professional topics.

#### iii. Organization and Administration

Albeit a more implicit juxtaposition, Illinois Alpha worked with the National Tau Beta Pi organization as the recipient of the scheduled seminar series.

#### iv. Total Cost

\$0.0

v. **Cost Breakdown**

While there were sufficient attendees to have a discussion, the richness of the conversation could likely have improved with additional personnel.

vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

While the ultimate goals of exciting interest were achieved, aforementioned low attendance would preferably be remedied by a generalized increase in event advertising.

# 45 E-Week Team

## Illinois Alpha

### 1. Project Information

- i. Date(s): 02/18/24 - 02/24/24
- 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
2.0	2.0

### 2. Project Evaluation

- i. **General Description**

Each year, our College has a huge Engineer's Week celebration where student organizations create teams and compete against each other in a week-long competition. There are a variety of events. This year Tau Beta Pi created a team and participated in 2 of the E-Week events. The first event we participated in was musical chairs where we placed 2nd. The second event we participated in was a murder mystery game/puzzle.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

By participating in this College-wide event, it helped to get Tau Beta Pi's name around campus, so people have a better idea of who we are.
- iii. **Organization and Administration**

The organization for this event consisted of gauging interest from members and initiates for who wanted to register as part of our team. We then needed to figure out availability for events throughout the week.
- iv. **In Conjunction With**

Engineer's Week Committee
- v. **Total Cost**

\$0.0

vi. **Cost Breakdown**

None.

vii. **Special Problems Encountered**

None.

viii. **Overall Evaluation**

Those who participated in this event enjoyed the events they came to. Lots of other organizations put a lot of effort into their E-Week participation. It was nice participating in a few events that our team was interested in. By doing this, we could still participate in the College-wide event and get Tau Beta Pi's name around campus.

# 46 Haki N'Dem Performance

## Illinois Alpha

### 1. Project Information

- i. Date(s): 02/22/24
- 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	5

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.5

### 2. Project Evaluation

- i. **General Description**

The Krannert Center for Performing Arts had a free performance with a band called Haki N'Dem in honor of Black History Month. The R&B music was quite groovy. Everyone met at the Tau Beta Pi office beforehand and walked together to the performance, so they were able to sit together.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This event provided an opportunity to engage and meet other members and initiates. We strive to foster connection and build a sense of community. Particularly for this event, we incorporated a DEI aspect to extend the cultural awareness of our attendees.
- iii. **Organization and Administration**

In planning for this event, the Social Projects VP coordinated the meet up time and who would be in charge of walking from the office to the performance center. During the event, they ensured that any latecomers were able to find our area.
- iv. **Total Cost**

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

n/a

vi. **Special Problems Encountered**

The initiate in charge of guiding the attendees from our meeting point to the office was sick, so the President and Social Projects VP coordinated to ensure everyone made it to the performance and found our group.

vii. **Overall Evaluation**

Attending this performance was a great success. While this band may not be repeated in the future, going to the performing arts center is a great way to expand on artistic experiences on campus while learning about Black History Month.

# 47 Illini Lights Out

## Illinois Alpha

### 1. Project Information

- i. Date(s): 02/23/24
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	2
Electees	12

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

### 2. Project Evaluation

#### i. General Description

Illini Lights Out is a campus-wide event where students attend and are assigned a building around campus to go and turn off all the lights for the weekend. Participants must record each light and the number of bulbs turned off. This event was led by Illinois' Institute for Sustainability, Energy, and Environment (iSEE). The leader had to sign up in advance to attend and each person had to sign in themselves at the event. For this session, our members were assigned the University of Illinois Armory.

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

The purpose of this project was to give students the opportunity to have a large, quantifiable impact on energy usage through the simple practice of turning off the lights in a building. Allows our chapter to give back to the university while educating our members on active sustainability projects on our campus.

#### iii. Organization and Administration

The Services VP signed the group up for the event. At the actual event, participants signed in with the organization and with TBP leadership. The group worked with Illinois' Institute for Sustainability, Energy, and Environment (iSEE) and all the other organizations that sent members to this event. There were no major problems, and the event went according to the plan.

iv. **In Conjunction With**

Illinois' Institute for Sustainability (iSEE)

v. **Total Cost**

\$0.0

vi. **Cost Breakdown**

There were enough participants to successfully complete the event.

vii. **Special Problems Encountered**

Since the building assignments are given as soon as the event starts, some members coming late had trouble finding our group once we were on our way. Since communication was easy, this was a very minor problem.

viii. **Overall Evaluation**

Overall, this event was a success. It was a great way for Tau Beta Pi to assist the university and keep it sustainable. It did reach its goal of helping out the university. In the future, a similar project could be doing this on a smaller scale through just Tau Beta Pi. We could do this on the weekends that the actual Illini Lights Out events are not held. This would allow us to make more of an impact as an individual organization.

# 48 Ice Skating

## Illinois Alpha

### 1. Project Information

- i. Date(s): 02/25/24
- 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	8

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

### 2. Project Evaluation

- i. **General Description**

Members and initiates of Tau Beta Pi met at the ice arena, where we purchased skate rentals for those without skates. Everyone enjoyed the ice skating even if they had never done it before.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This event provided an opportunity to engage and meet other members and initiates. We strive to foster connection and build a sense of community.
- iii. **Organization and Administration**

During the event, the Social Projects VP got everyone their skate rental. One of the social committee members helped guide people and made sure everyone made it to the right spot, especially for the group photo.
- iv. **Total Cost**

\$18.0
- v. **Cost Breakdown**

For any student that did not bring their own skates, we paid the \$3 skate rental fee. There were no limitations to the cost, so the event was very successful as everyone was able to participate.
- vi. **Special Problems Encountered**

n/a

vii. **Overall Evaluation**

This event was very successful in encouraging members to build connections while many of them were trying a new skill. It was impressive to see their willingness to learn a new skill in order to build community with each other.

# 49 Bent Polishing

## Illinois Alpha

### 1. Project Information

- i. Date(s): 02/26/24 - 03/08/24
- 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	51

- v. Average number of hours per person spent:

Participating	Organizing
0.5	1.5

### 2. Project Evaluation

- i. **General Description**

One of our initiation requirements is to meet with other initiates in groups to polish bents. Members proctor the bent polishing session and guide initiates through the process.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

The purpose is to honor the history of Tau Beta Pi and provide initiates and opportunity to interact and get to know each other and some of our members early in the initiation process. Initiates wear the bents during the initiation ceremony.
- iii. **Organization and Administration**

Bent polishing is an initiation requirement for our chapter and proctoring is a member requirement for those who are striving to reach the most active level of membership. We put out a google sheets sign-up form and have the initiates and members come to the Tau Beta Pi office during the time they signed up for to polish their bent.
- iv. **Total Cost**

\$382.5
- v. **Cost Breakdown**

Cost of project is mostly for the bents which are included in our initiation fee. Additionally, we need to buy files and polishing supplies which we can use for multiple semesters.

vi. **Special Problems Encountered**

Cleanup after this project is time consuming, and we need to be aware of the amount of noise we make while polishing since there are other offices close to ours.

vii. **Overall Evaluation**

This a unique experience that brings our initiates and members together. Initiates get to keep the bent after polishing it, and also get to wear it at their initiation.

# 50 Board Game Night

## Illinois Alpha

### 1. Project Information

- i. Date(s): 02/29/24
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	1
Electees	2

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

### 2. Project Evaluation

- i. **General Description**

For a more relaxed, quiet social event, we held a board game night in the Tau Beta Pi office, where we store our board games. To prepare for the event, we pulled out our games and had a table set up. Once everyone arrived, we decided on what game to play and had fun socializing.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This event provided an opportunity to engage and meet other members and initiates. We strive to foster connection and build a sense of community.
- iii. **Organization and Administration**

The Social Projects VP solely planned this event and ensured that the board games were in the office beforehand.
- iv. **Total Cost**

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

n/a
- vi. **Special Problems Encountered**

n/a

vii. **Overall Evaluation**

Even though the attendance for this event was slightly lower than anticipated, people still had a great time getting to know each other. By having a smaller group, we were able to foster a more intimate connection and have fun.

# 51 Tau Bate Talk Watch Party with Matt Eisenberg

## Illinois Alpha

### 1. Project Information

- i. Date(s): 03/03/24
- 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	3

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.0

### 2. Project Evaluation

- i. **General Description**

In order to garner interest regarding generalized fields of engineering via the topic of "Zero-Point Energy: An Unlimited Source of Energy & A Powerful Tool for Mitigating Global Warming", our Illinois Alpha Chapter incentivized the virtual attendance of Eisenberg's talk.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

The primary goal of this event was excite the interests of our members and initiates in the field of engineering as a whole and to develop conversational skills regarding professional topics.
- iii. **Organization and Administration**

Albeit a more implicit juxtaposition, Illinois Alpha worked with the National Tau Beta Pi organization as the recipient of the scheduled seminar series.
- iv. **Total Cost**

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

While there were sufficient attendees to have a discussion, the richness of the conversation could likely have improved with additional personnel.
- vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

While the ultimate goals of exciting interest were achieved, aforementioned low attendance would preferably be remedied by a generalized increase in event advertising and the potential removal of consideration for a point-awarded separate event to watching the talk remotely.

# 52 Tau Bate Talk Independent Viewing with Matt Eisenberg

## Illinois Alpha

### 1. Project Information

- i. Date(s): 03/03/24
- 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	18

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

### 2. Project Evaluation

- i. **General Description**

In order to garner interest regarding generalized fields of engineering via the topic of "Zero-Point Energy: An Unlimited Source of Energy & A Powerful Tool for Mitigating Global Warming", our Illinois Alpha Chapter incentivized (via initiation points) the virtual attendance of Eisenberg's talk.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

The primary goal of this event was excite the interests of our members and initiates in the field of engineering as a whole.
- iii. **Organization and Administration**

This specific event required no additional organization outside of marketing on behalf of Illinois Alpha.
- iv. **Total Cost**

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

None
- vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

The overall impact of this event was determined a success as far as exciting interest as noted from individual feedback post-event. However, in order to encourage attendance at the discussion-centric "watch parties" for the same talks, the chapter considers removing this as an incentivized option.

# 53 Study with Therapy K9 Kirby

## Illinois Alpha

### 1. Project Information

- i. Date(s): 03/04/24
- 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	10

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.0

### 2. Project Evaluation

- i. **General Description**

In preparation of midterms and to alleviate some stress, we requested the University of Illinois Police Therapy K9 to come to our study session to provide everyone with cuddles to improve their mental health and take a break from studying.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This event aimed to encourage academic success while providing a study space while also encouraging positive mental health.
- iii. **Organization and Administration**

Prior to the event, the Social Projects VP requested a program with the University of Illinois Police Therapy K9 and facilitated that communication. During the event, one of the social committee members ensured everything ran smoothly.
- iv. **In Conjunction With**

University of Illinois Police Department
- v. **Total Cost**

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

n/a

vii. **Special Problems Encountered**

n/a

viii. **Overall Evaluation**

As one of our most successful events, people highly enjoyed meeting the Therapy K9, and it was a great opportunity to collaborate with an on-campus resource. This event could easily be repeated in the future and was highly enjoyed by the attendees.

# 54 Engineering Open House Work Sessions

## Illinois Alpha

### 1. Project Information

- i. Date(s): 03/20/24 - 04/04/24
- 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
Committee Members (Leads)	2
Officers	3
Electees	8

- v. Average number of hours per person spent:

Participating	Organizing
1.0	2.0

### 2. Project Evaluation

#### i. General Description

Since our Engineering Open House booth is one of our largest events of the year, we wanted to provide several opportunities for our members to get involved in a variety of ways. While planning the project, the EOH committee recognized the need for more time to work on the project, so we set up three work sessions, open to all of our members and electees, to work together and contribute. The sessions were attended by electees both on the committee and not, and the two committee leads oversaw these sessions so that everyone understood the project. The day before EOH, the two committee leads and three officers worked together to put finishing touches on the project, contact all volunteers for the event, and make sure everything was generally in order. These work sessions helped relieve some of the work from the committee, as well as to provide a fun social event for our members. Because of these sessions, the two days of EOH went very smoothly, and our project ran without any major errors.

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

One of our main goals as a chapter is to create a sense of community among our members and electees. EOH is one of the largest events the college of engineering hosts every year, so we wanted to provide as many opportunities as possible for Tau Beta Pi members to contribute to

our booth if they wanted to. Since there was usually no more than 5 people at each work session, they served not only to contribute to our EOH project as a whole, but also to create a small social event where members and electees got to know each other better in a more immediate setting.

iii. **Organization and Administration**

We wanted to open this event to anyone within the chapter, and the committee leads oversaw the work sessions so that they could help inform people about the project and help guide the assembly of the stoplight. A lot of work was accomplished during the three sessions open to everyone and many of the attendees came back to help on the day of the event as well. As for the final work day, the committee leads and officers worked together to help handle the more administrative aspects of the project, and all of this preparation made the two days of EOH go very smoothly.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

There were no extra costs to run the work sessions, and there were plenty of members and electees to work on the project over the four days.

vi. **Special Problems Encountered**

The project took longer to assemble than expected, which is why we decided to add in these work days. The committee leads and officers spent some additional time outside of these sessions working on the project, but everything was completed by the event so that the booth could run as smoothly as possible.

vii. **Overall Evaluation**

These work sessions provided a unique social event for our members that allowed them to contribute to one of our chapter's largest projects as well as get to know other members of the chapter. This worked really well for members that wanted to be involved with EOH this year but were unavailable during the actual event. In the future, we plan to continue doing large projects for EOH, and given the success of these work sessions, this is an aspect of the project we will continue to include. As a chapter, we have been discussing ideas for next year's EOH, and there are some ideas that would be larger than this year's project, in which case we would include more of these work sessions, and perhaps start them earlier in the semester.

3. **Additional Attachments**

Figure 18: Turning the Traffic Light On



Figure 19: Traffic Light

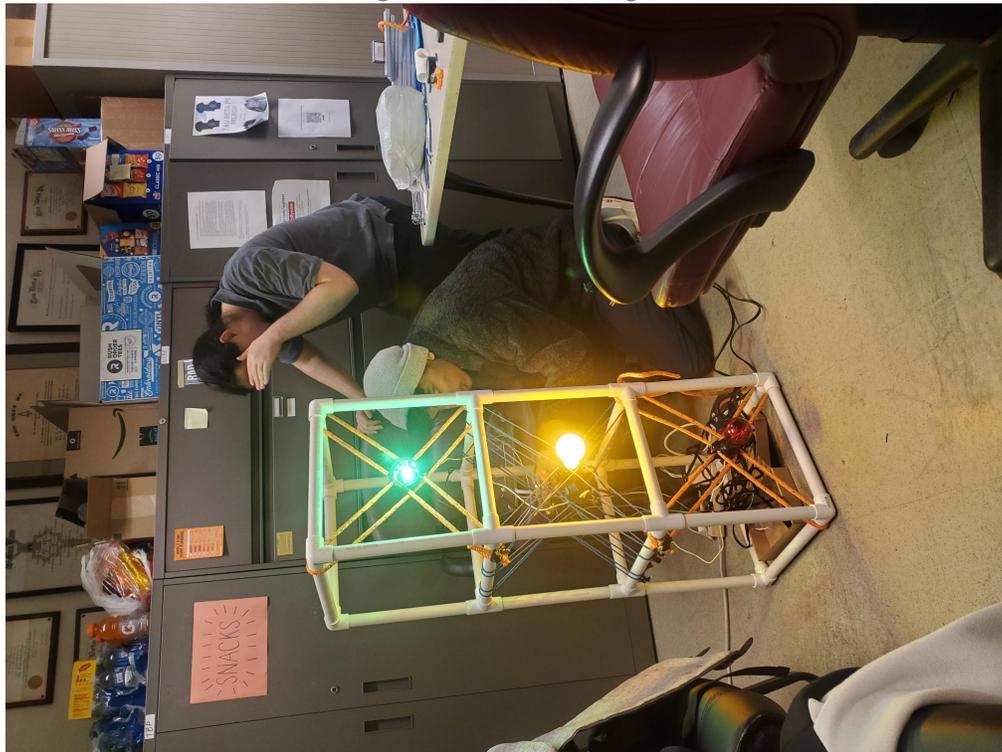


Figure 20: Work Session



# 55 Cyber Ambassadors: Communications

## Illinois Alpha

### 1. Project Information

- i. Date(s): 03/21/24
- 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
Electees	1

- v. Average number of hours per person spent:

Participating	Organizing
1.0	3.0

### 2. Project Evaluation

- i. **General Description**  
Illinois Alpha encourages its members to attend the CyberAmbassadors training.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**  
This event serves as professional development all participants.
- iii. **Organization and Administration**  
Albeit a more implicit juxtaposition, Illinois Alpha worked with the National Tau Beta Pi organization and the NSF as a recipient of the program offered.
- iv. **Total Cost**  
\$0.0
- v. **Cost Breakdown**  
None
- vi. **Special Problems Encountered**  
None
- vii. **Overall Evaluation**  
Minimal impact was achieved since attendance was very small.

# 56 Happy Hour with Central Illinois Alumni Chapter

## Illinois Alpha

**1. Project Information**

- i. Date(s): 03/22/24
- 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
0.5	1.0

**2. Project Evaluation**

- i. **General Description**  
 Our President had been in communication with the Central Illinois Alumni Chapter officers and our chapter’s alumni relations committee. As a first event between our two chapters, we wanted to have a happy hour at a local bar and grill, Murphy’s. We ate at Murphy’s and people could get drinks if they wanted. We all talked with one another and it was a great way for our chapter to meet some of the officers of the Central Illinois Alumni Chapter.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**  
 This event allowed our chapter to establish a connection with the newly reformed local alumni chapter. It helped us discuss issues each of our chapters are facing and brainstorm ways to work through those issues. We also got to meet and collaborate on ideas for future events between our two chapters.
- iii. **Organization and Administration**  
 The event was set-up by our President with the officers of the local alumni chapter. Our chapter’s alumni relations committee came up with the idea for the event.
- iv. **Total Cost**  
 \$0.0

v. **Cost Breakdown**

The cost of the event was on an individual basis, so participants paid for the food and drinks they consumed.

vi. **Special Problems Encountered**

None.

vii. **Overall Evaluation**

This was a great first event with the local alumni chapter. As a result of the event, we got to know each other better and discuss plans for future collaboration. We added the officers to our chapter's mailing list and made sure they knew they are welcome at any of our chapter's events.

# 57 Movie at the Union

## Illinois Alpha

### 1. Project Information

- i. Date(s): 03/22/24
- 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	13

- v. Average number of hours per person spent:

Participating	Organizing
1.0	2.0

### 2. Project Evaluation

#### i. General Description

To welcome everyone back from spring break, we enjoyed the movie being played at our student union, called the Illini Union. We first met at the Tau Beta Pi office then walked over to the union. The movie playing was Anyone But You, and overall, people really enjoyed the event.

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

This event provided an opportunity to engage and meet other members and initiates. We strive to foster connection and build a sense of community.

#### iii. Organization and Administration

The Social Projects VP set the time for meeting at the office then everyone walked over to the union together. The event went according to the plan.

#### iv. Total Cost

\$0.0

#### v. Cost Breakdown

n/a

#### vi. Special Problems Encountered

The event was quite packed when we got there, so we were unable to sit in one big group as originally intended. Instead, we sat in smaller groups, which allowed for closer connection.

vii. **Overall Evaluation**

As one of our larger social events, it was quite successful in bringing people together to build connections across the chapter. In the future, I would utilize more student union events since it was really popular among our chapter.

# 58 Afternoon of Chess

## Illinois Alpha

### 1. Project Information

- i. Date(s): 03/24/24
- 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
Other university students	7
Members	1
Electees	6

- v. Average number of hours per person spent:

Participating	Organizing
2.0	2.0

### 2. Project Evaluation

- i. **General Description**

In collaboration with the Chess Club on campus, we held an event called "Afternoon of Chess." One of our members reached out about this collaboration and started a group chat between the two organizations. Together, we planned the time, date, location, and the format of the event. Members of each organization mingled and played whomever they desired, and everyone was happy to either brush up on their chess skills or learn a new game.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This event provided an opportunity to engage and meet other members and initiates of not only Tau Beta Pi but also the Chess Club. Through this collaboration, we also worked to increase our presence on campus.
- iii. **Organization and Administration**

Collaborating with the Chess Club, the Social Projects VP worked with them to set the date, time, and location. Together, we decided the type of event. During the event, the Chess Club members brought the supplies and the Social Projects VP set up the room.
- iv. **In Conjunction With**

Chess Club

v. **Total Cost**

\$0.0

vi. **Cost Breakdown**

n/a

vii. **Special Problems Encountered**

We originally had issues securing a room in time that was in a centralized locations for both organizations. To overcome this, we moved the event to one of the resident halls where many engineers live and had a great turnout.

viii. **Overall Evaluation**

This event was something we had been wanting to plan for a couple of semesters, so we are happy to see this come to fruition. Everyone enjoyed their time and were able to connect with others of another organization on campus. We hope to continue collaborating with more organizations on campus in the future.

# 59 Coffee Chat with Dr. Ann-Perry Witmer

## Illinois Alpha

### 1. Project Information

- i. Date(s): 03/26/24
- 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	14

- v. Average number of hours per person spent:

Participating	Organizing
3.0	1.0

### 2. Project Evaluation

#### i. General Description

Upon a consensus by a representative group of initiates called the "Professional Projects Committee", it was decided to invite Dr. Witmer to engage the Illinois Alpha Chapter in a casual conversation about her field of research, her contributions to her field, and her past professional experiences. A large group of members and initiates alike joined to stoke their engineering curiosity and discover what Contextual Engineering truly was. Dr. Witmer described projects she and her graduate students have worked on, such as the development of water conservation equipment for the raising of cattle by indigenous peoples. She described Contextual Engineering as developing the fundamental engineering skill set to be able to understand the consumer's circumstances and thus be able to exercise a form of "common sense" in the profession of engineering - e.x. people without access electricity don't need a solution that depends on it. The planning consisted of logistical arrangements such as procuring a space, arranging a time, and the borrowing of an electric tea pot in order to make delightful hot chocolate. Overall, the event made a positive mark on our initiates and members who claimed it allowed them to "explore a new field [of engineering]" and to "practice forming academic questions".

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

The coffee chat exposed our participants from a broad spectrum of engineering fields to a type

of engineering few if any had ever heard of in the past. As mentioned by one such participant, the chat "expanded how people could think of solving [engineering] problems". It is therefore logical to add that this event made its participants more well-rounded engineering.

iii. **Organization and Administration**

The organization for this event consisted of successfully contacting and scheduling Dr. Witmer, working to procure a space, borrowing an electric tea pot, and devising discussion questions in advance.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

The only personnel requirements were the professor herself, and the abundance of attendees.

vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

This event exceeded its original goal of simply providing interest in engineering to creating an opportunity for participants to improve themselves as engineers. In the future, the answer is not to change how this event type was operated but simply to endeavor to increase the quantity of such events.

# 60 Poster Making Session

## Illinois Alpha

### 1. Project Information

- i. Date(s): 03/28/24
- 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
2.0	1.0

### 2. Project Evaluation

#### i. General Description

The purpose of this event was to make signs for our upcoming charity bakesale and general TBP signs for promotion of our chapter. First, we created a google form to allow member and initiates to decide which charity they wanted to support. They chose Promise Healthcare, a local organization that provides dental and healthcare to children. We already had all of the materials except posters, so posters were the only thing we needed to purchase. Initiates and members created one bake sale sign and two general TBP signs. We had a room reservation in a different building, but it was made very last minute so we ended up holding the event in our office.

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

The purpose of this project was to prepare to give back to the local community by creating signs to promote our future bake sale and TBP as a whole. This gave us the opportunity promote TBP and our image on campus by showing who we are while simultaneously raising money for a local organization.

#### iii. Organization and Administration

The Services VP led this event. Before the event, I went out to buy the poster board. During the event, I made sure we had supplies out and everyone was working. For this activity, we did not work with any other organizations. The activity went according to plan aside from having the room reservation, but the office worked to hold the event.

iv. **Total Cost**

\$8.71

v. **Cost Breakdown**

This was the cost of purchasing the poster board. There are extras to use for future events and there were no financial limitations.

vi. **Special Problems Encountered**

The only problem was that we did not put in a room reservation early enough to have a room to put on emails/Slack messages to send out to our members about the event. Because of this, we had to tell members to meet at the TBP office. This still worked, but we could've had a bit more space in a different room.

vii. **Overall Evaluation**

This project was a success. We created three posters that were used at Engineering Open House and our Charity Bake Sale. If we plan to do this bake sale again in the future, this event would be a great addition. In the future, I would want to get a room reservation in earlier and make sure we have enough supplies in advance (we did this semester). We were able to use these signs to give back to our local community and spread the name of TBP around campus.

# 61 Pi Mile Run

## Illinois Alpha

### 1. Project Information

- i. Date(s): 03/30/24
- 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
Other university students	7
Members	2
Electees	5

- v. Average number of hours per person spent:

Participating	Organizing
5.0	1.0

### 2. Project Evaluation

#### i. General Description

Pi Mile Run is a marathon social event that is held every semester. This event was free and open to everyone including people outside of the organization. People run seven laps around the main quad reaching around 3.14 miles. The first three people to finish are awarded a pie of their choice. The pie mile run committee was extremely small, but we were able to come up with the logistics and supplies needed for this event to happen. If there were more people in this committee, we could make this event bigger scale and reach more people.

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

The main purpose for this event was to get our name out to people who haven't heard of TBP. This event promotes Tau Beta Pi and our image on campus. It also reaches an audience that is more physically active, which not many other events do.

#### iii. Organization and Administration

The Pi Mile Run Committee leader (me) led this event. I organized logistics of supplies and ultimately decided which ideas were feasible and which were out of the scope for this event. There was also the co-committee captain who had a more minor role of keeping track of supplies that are needed for the event. The people in the committee helped guide the event by suggesting what prizes should be included and which routes to use for the marathon. The activity occurred pretty much how we expected to, but it would be nice if more people attended.

iv. **Total Cost**

\$22.82

v. **Cost Breakdown**

This was the cost of buying pies as the main prize for the event. All other supplies used for this event were already in our office. We were limited to buying three pies for this event to reflect the amount of people attending the event. There were enough participants to make this event fun and exciting during and after the race.

vi. **Special Problems Encountered**

There were little to no problems on the day of the event. We could have had problems if it was raining or if the weather was bad, but we saw no such issue.

vii. **Overall Evaluation**

The event was overall a success to its original goal of spreading our name. If we had more people involved in this committee, we could have more effort put into the advertising aspect of this event. I think keeping the event free is a good choice in order to reach as many people as possible.

3. **Additional Attachments**

Figure 21: Pi Mile Run Finish Line Photos



Figure 22: Chalk Drawing



Figure 23: Possible Future University Mascot at Pi Mile Run



Figure 24: On Your Marks!



Figure 25: Finish Line Celebration



# 62 Paint Night

## Illinois Alpha

### 1. Project Information

i. Date(s): 04/01/24

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
2.0	1.0

### 2. Project Evaluation

#### i. General Description

When planning for this event, we identified the supplies that were already in the office and what needed to be purchased. We bought canvases for this event. During the day of the event, we set out paper to protect the table, provided water cups, paint brushes, and paint. We turned on relaxing music and enjoyed painting.

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

This event provided an opportunity to engage and meet other members and initiates. We strive to foster connection and build a sense of community.

#### iii. Organization and Administration

Leading up this event, the board worked together to find supplies in the office. The Social Projects VP bought canvases head of time. During the event, the Social Projects VP laid out the supplies, put down paper to protect the table, and provided cups of water. Afterwards, the Social Projects VP cleaned up and put leftover supplies away.

#### iv. Total Cost

\$11.3

v. **Cost Breakdown**

We bought canvases for the paint night. The office already had the other supplies needed, so there were no restrictions on the cost.

vi. **Special Problems Encountered**

It was pouring rain during this event, so almost everyone who originally said they were planning on coming did not show up. However, we had a great time for those who did come since the weather is out of our control.

vii. **Overall Evaluation**

While the weather greatly decreased the attendance of the Paint Night, for those that attended, they fostered great connections and enjoyed painting. Since we had leftover supplies, this event can easily be repeated.

# 63 Letters of Love

## Illinois Alpha

### 1. Project Information

- i. Date(s): 04/02/24
- 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	10

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

### 2. Project Evaluation

#### i. General Description

For this event, TBP members and initiates made cards to send to an organization called Letters of Love, which sends these letters to children in hospitals to help make them feel better. Since we already had construction paper and markers, there was not much planning that had to go into this event. The event ran well, and we made over 30 letters to send.

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

The purpose of this event was to support a more global committee by providing comfort to children that are struggling in hospitals. It gave members a chance to personally connect with someone out there who needs their help. This supports TBP's mission of service and giving back to the community.

#### iii. Organization and Administration

The Services VP led this event. There wasn't much planning to do before the event since we already had the materials required. The room reservation for this event went in too late, so we ended up holding the event in the TBP Office. We had good attendance, so the office was full. It could hold everyone but was crowded. We did not work with any other groups for this event. Afterward, we put the letters in the envelope and took them to the post office to mail to Letters of Love. The activity went according to the original plan.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

There were enough participants to successfully complete this project.

vi. **Special Problems Encountered**

The only problem was that we did not get a room reservation in time to have a larger room for this event. We addressed these issues by using our office, which worked well but a little more space would've been nice.

vii. **Overall Evaluation**

This project was a success. All initiates and members enjoyed the activity and we made over 30 cards to send out. The plan worked out well, other than the room reservation. In the future, we could reach out to another club on campus that does similar work called Letters of Love UIUC. This would expand our resources and the amount of cards able to be written. We were able to successfully give back to the nation-wide community.

3. **Additional Attachments**



# 64 Engineering Open House Booth

## Illinois Alpha

### 1. Project Information

- i. Date(s): 04/05/24 - 04/06/24
- 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
Committee Members (Electees)	9
Committee Members (Leads)	2
Officers	3
Members	1
Electees	12

- v. Average number of hours per person spent:

Participating	Organizing
4.0	2.0

### 2. Project Evaluation

#### i. General Description

This project was the result of several months of contributions from a variety of people within Tau Beta Pi. Most of the organization and preparation was handled by the EOH committee, which was overseen by Tara Reddy and Agilan Gunashankar. Over the two days of EOH we had a total of 22 different people running the booth, including officers, members, and initiates, with people that were both on the committee and not, as well as a combination of undergraduate and graduate students. The 2 day event provided a hands on experience for students and families to learn about the importance and applications of engineering. The focus of our station, a traffic light, was designed and built primarily by the EOH committee and allowed students to learn about concepts related to Electrical and Computer Engineering, as well as concepts in Computer Science, since the traffic light was controlled through a program created with Arduino. A simple lesson guide was distributed to the volunteers so that they could run the station smoothly regardless of whether they were a part of the planning committee. As groups of students and families rotated through the station, we would explain how we created the traffic light and the variety of engineering concepts involved. In order to introduce an interactive

component, we purchased a set of RC cars and created a track on the floor and would let the groups play “Red Light, Green Light” with one of the volunteers controlling our stoplight. As the groups were racing, we would point out different components of the project and allow people to ask questions and discuss the project. Over the two days, we had several hundred people come by our station including classes ranging from kindergarten to AP high school classes, as well as many families.

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

One of the main goals of our chapter is to promote interest in engineering among K-12 students and to provide opportunities for these students to learn about and interact with different engineering concepts. We believe that an interest in engineering comes early on in a student’s academic career, and typically not through regular classroom curriculum. Because of this, we created this project with one of the primary goals being a hands-on component that was both educational and fun for the students. We also wanted to create a project that could be enjoyed by all age groups, and concepts that could be explained on varying levels of difficulty depending on the audience. With this project, we also wanted to provide a unique and meaningful experience for our members that they may not be able to get through other organizations on campus. We typically ask for feedback from the volunteers at our different K-12 outreach events, and the majority of the responses thank us for providing such a unique and meaningful experience that was fun for both the students and Tau Beta Pi members involved. In general, it seems that our members are very passionate about introducing younger students to engineering, and our events provide unique opportunities where they can accomplish this.

iii. **Organization and Administration**

This is one of the largest projects our chapter carries out, so we started planning for it in the fall semester. Most of the planning was completed by the EOH committee over the course of the two semesters. We expected that there would need to be more work done as the days of the event approached, so we also scheduled three work sessions, open to all members and electees of the chapter, in order to complete the project on time. We had both committee leads and three officers working the day before the project to double check that everything was in order, test all components of the project, and make sure all of our volunteers knew what time they needed to arrive the next day. We also compiled a short guide for our volunteers that included information about the project and information about how to fix any problems should they arise. On the day of the project, the committee leads and a couple of the officers met at the station and set up, which went smoothly. Over the two days of the project, our volunteers worked 1-2 hour shifts and were mainly responsible for running the stoplight and making sure the kids knew how to run the racecars. Two of our officers, who were present for the work sessions and had a solid understanding of the project, oversaw the station and at least one of them was present at the booth the entire time. Running the station went very smoothly, and after the two days, the last group of volunteers and one of the officers cleaned up the station and transported all of the supplies back to the office.

iv. **Total Cost**

\$444.23

v. **Cost Breakdown**

All of the costs for this project went directly to supplies for the stoplight or the racecars. We received funding for the project up to \$500, so we carefully thought out and planned the project to stay within this budget. There were also plenty of volunteers, both on the committee and on the day of the event, so there was no issue with the personnel requirements.

vi. **Special Problems Encountered**

A lot of the potential problems were avoided by the hours of work put in by the EOH committee, as well as the final check of everything the night before the project. At one point the stoplight stopped working and the volunteers were not able to fix it. One of the committee leads was called, and he came over to the building and resolved an issue with the wiring on the stoplight. We occasionally had errors with the code running the stoplight, but those were always quick and easy adjustments.

vii. **Overall Evaluation**

After the event, we heard that there was a group asking kids their favorite stations, and ours was consistently one of the ones mentioned. We also surveyed our members at the end of the semester and EOH was a popular response when asked about their favorite events. On the second day of the event, we had several parents thank us for creating a hands-on activity for their kids that we were able to explain at their level. Our volunteers also expressed their enjoyment of the project, and many mentioned that they want to come back and volunteer again next year. As we were running the station we had several people ask us about Tau Beta Pi and what we did, and some of those asking were high school students planning on going into engineering fields. We also had several of the younger kids express an interest in engineering, and many of them specifically asked to race against our members because they wanted to race with “real engineers”. Overall, the EOH booth was a success and ran fairly smoothly considering the scale of the project and the number of people involved. We are planning on running a booth at EOH every year, and while we have not decided on our project for next year yet, there are several aspects of this year’s project that we would like to incorporate. Perhaps most important, we want to continue doing projects that are very hands on for the younger kids, as the interactive component allows for a more memorable experience for the students.

3. **Additional Attachments**

Figure 27:



# 65 Do You Have Herd Mentality?

## Illinois Alpha

### 1. Project Information

- i. Date(s): 04/11/24
- 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	3

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

### 2. Project Evaluation

- i. **General Description**

For a more relaxed, quiet social event, we held a board game night in the Tau Beta Pi office, where we store our board games. To prepare for the event, we borrowed a game called Herd Mentality from the residence hall library. Everyone had a great time getting to know each other.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This event provided an opportunity to engage and meet other members and initiates. We strike to foster connection and build a sense of community.
- iii. **Organization and Administration**

The Social Projects VP got the Herd Mentality game from the residence hall library prior to the event. During the event, we utilized the office space, and everything went as planned.
- iv. **Total Cost**

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

n/a
- vi. **Special Problems Encountered**

We had issues with students running behind for this event. However, we incorporated them as they showed up.

vii. **Overall Evaluation**

Even though the attendance for this event was slightly lower than anticipated, people still had a great time getting to know each other. By having a smaller group, we were able to foster a more intimate connection and have fun.

# 66 Resumé Review with UIUC Career Center

## Illinois Alpha

### 1. Project Information

- i. Date(s): 04/11/24
- 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	13

- v. Average number of hours per person spent:

Participating	Organizing
1.0	0.5

### 2. Project Evaluation

#### i. General Description

In cooperation with the University of Illinois at Urbana Champaign's Career Center, upper-classmen trained at reviewing resumé individually analyzed the resumé of and spoke with Tau Beta Pi initiates and members. The logistical organization (reviewer scheduling) was handled by the university but thorough marketing and generalized emphasis of the importance of having a well-designed resumé had been instituted whenever feasible prior to the event. Overall, participants appreciated the reviewer's feedback and had expressed interest in a major-specific resumé review in the future.

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

It is critical both that an engineer can explain their skills to others and that they have their resumé in such a professional condition as to be able to share it freely among interested parties. This event served the participants in both regards as the weaknesses of their resumé were exposed by the reviewers and their choices in presented skills questioned.

#### iii. Organization and Administration

Illinois Alpha worked in conjunction with the University of Illinois at Urbana Champaign's Career Center to be able to supply trained resumé reviewers. During the organizational phase, a series of times were jointly decided upon by the Illinois Alpha board and communication was

ensured between the Career Center and Illinois Alpha to correlate these available times with those available to the potential resumé reviewers.

iv. **In Conjunction With**

University of Illinois' Engineering Career Center

v. **Total Cost**

\$0.0

vi. **Cost Breakdown**

The personnel requirements were not handled by the chapter, but instead by the university.

vii. **Special Problems Encountered**

None

viii. **Overall Evaluation**

After the review of the resúmes from nearly a third of the initiates for the Spring 2024 semester, one may state that the overall presentation of the engineers that embody the chapter was clearly enhanced. As a potential improvement, the chapter may host reviews from its own graduate student members and initiates instead of the university's reviewers - having a relatively large quantity - to ultimately allow a major-targeted resumé review.

# 67 Career Coaching with UIUC Career Center

## Illinois Alpha

### 1. Project Information

- i. Date(s): 04/12/24
- 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	13

- v. Average number of hours per person spent:

Participating	Organizing
1.0	2.0

### 2. Project Evaluation

#### i. General Description

In cooperation with the University of Illinois at Urbana Champaign's Career Center, a Career Center representative gave Illinois Alpha members a lecture on both how to ace one's interviews and how to correctly approach career fairs. Participants joined virtually over Zoom by preference of the representative presenting the material.

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

It is critical that an engineer be able to present themselves to others of professional importance with dignity, respect, and acute preparation. It is thus that in two similar scenarios, approaching recruiters at career fairs and potential employers during interviews, instruction is justly validated.

#### iii. Organization and Administration

Illinois Alpha worked in conjunction with the University of Illinois at Urbana Champaign's Career Center to be able acquire the experience of one of their representatives regarding the aforementioned topics of engineering interest. One item to note is that Illinois Alpha made an effort to accommodate their guest by operating in a virtual setting by the preference of the representative.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

The personnel requirements were not handled by the chapter but instead by the university.

vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

The lectures presented to the participants of this event may not necessarily prove immediate results of success, yet it is the hope of the organizers that for the participants future interviews and experiences at career fairs, the efforts of the Career Center through Tau Beta Pi are appreciated. In the future, the chapter may make further attempts to secure instruction in a non-virtual setting to encourage thoughtful questions and visual feedback.

# 68 Charity Bake Sale

## Illinois Alpha

### 1. Project Information

- i. Date(s): 04/12/24
- 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	13

- v. Average number of hours per person spent:

Participating	Organizing
5.0	2.0

### 2. Project Evaluation

#### i. General Description

The first stage of planning this event was to create a google form to allow TBP members and initiates to decide which event they wanted to support. After sending this out, the organization responded and chose to support Promise Healthcare, which is a local organization that offers dental and healthcare to under-privileged kids in the area. Then, we held a poster making session to make signs to display at our bake sale booth. At this session, we made three signs, one for the bake sale and two general TBP signs. Next, we created a sign up sheet for members to sign up to either bring in a baked good or work the booth on the day of the bake sale. This sheet had instructions to list ingredients for all baked goods and other measures to promote safety and cleanliness. Then, the night before the bake sale, members of the service committee collected food donations from members and initiates and set prices for the bake sale. On the day of, members of the board obtained permission and a table to put on the quad. We set up the tables, arranged items, and set up posters. Throughout the day, we sold items and slowly lowered prices. We ended the day with a lot of extra baked goods. We raised \$75 for Promise Healthcare. After the event, we gave out the remaining baked goods at other Tau Beta Pi events and meetings.

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

The purpose of this project was to give back to the local community by raising money for an organization with deep meaning to our members. It allowed us to monetarily support the community without requiring members to have to spend their own money. Instead, they were able to donate their time and energy. This supports our chapter's mission of supporting the local community and giving opportunities to those who would not otherwise have them.

iii. **Organization and Administration**

The Services VP and service committee planned this event. At committee meetings, ideas and plans were formulated, such as holding the poster-making session, allowing members to choose a charity, and how best to obtain items to sell at the bake sale. The VP led events, but all members and initiates had the opportunity to assist in bringing items and working the bake sale. The chapter worked with the Illini Student Union to get a reservation and table for the sale, but all other planning was performed internally. The event went well, however we did have a lot of leftover food and did not make as much to donate as we had originally hoped. The weather was nice, but there were also many other tables selling outside so we didn't get as much traffic.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

We did not have any costs and we had enough participants to both have enough food donations and to have enough people working the booth.

vi. **Special Problems Encountered**

One unexpected problem that arose over the event was that it was a very windy day. This required us to use lots of tape to hold down our signs and resulted in one of our posters getting torn midway through the event. We resolved this during the event by having one of the posters be held by a member, which also increased engagement with the public. Another issue with this event was extra leftover food and relatively small amount of funds raised. We gave this food out at other TBP events.

vii. **Overall Evaluation**

Overall, this was a large event that allowed many of our members and initiates to give back to the local community. Our chapter reached our goal of donating money to Promise Healthcare. At the same time, we were able to provide awareness for TBP on campus by offering a public display of our members and our goals. In the future, holding the event over two days could increase engagement and amount of money raised. If we are keeping it to one day, we should lower the amount of food donations and increase the amount of people working the booth. This event was a success, but it has a lot of potential to provide more impact in the future. We can fix this in the future by possibly allowing less sign ups for food donations and more for working the booth. We could also hold the bake sale over two days instead of one.

3. **Additional Attachments**

Figure 28:



# 69 Tau Bate Talk Watch Party with Paul Brierley

## Illinois Alpha

### 1. Project Information

- i. Date(s): 04/14/24
- 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
Electees	1

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.0

### 2. Project Evaluation

#### i. General Description

In order to garner intellectual discussion regarding the topic of "Once an Engineer, Always an Engineer: How My Engineering Degree Led to AgTech and COVID Wastewater Testing", our Illinois Alpha Chapter projected the live presentation of Dr. Brierley's talk with an audience consisting of a small group of Tau Beta Pi members and initiates. The "watch party" was hosted for the full duration of the talk and some additional time after the fact for final discussion.

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

The primary goal of the "watch party" was excite the interests of our members and initiates in the field of engineering as a whole and to develop conversational skills regarding professional topics.

#### iii. Organization and Administration

Albeit a more implicit juxtaposition, Illinois Alpha worked with the National Tau Beta Pi organization as the recipient of the scheduled seminar series. Discussion questions after reading articles published by the speaker or their organization were also developed.

#### iv. Total Cost

\$0.0

v. **Cost Breakdown**

The primary goal of the "watch party" was excite the interests of our members and initiates in the field of engineering as a whole and to develop conversational skills regarding professional topics.

vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

There was additional motivation (due to extreme lack of attendance) such that the potential removal of consideration for a point-awarded separate event to watching the talk remotely in order to increase attendance at the discussion.

# 70 Tau Bate Talk Independent Viewing with Paul Brierley

## Illinois Alpha

### 1. Project Information

- i. Date(s): 04/14/24
- 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**

In order to garner interest regarding generalized fields of engineering via the topic of "Zero-Point Energy: An Unlimited Source of Energy & A Powerful Tool for Mitigating Global Warming", our Illinois Alpha Chapter incentivized the virtual attendance of Eisenberg's talk.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

The primary goal of this event was excite the interests of our members and initiates in the field of engineering as a whole and to develop conversational skills regarding professional topics.
- iii. **Organization and Administration**

Albeit a more implicit juxtaposition, Illinois Alpha worked with the National Tau Beta Pi organization as the recipient of the scheduled seminar series.
- iv. **Total Cost**

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

None
- vi. **Special Problems Encountered**

None

vii. **Overall Evaluation**

The overall impact of this event was determined a success as far as exciting interest as noted from individual feedback post-event. However, in order to encourage attendance at the discussion-centric "watch parties" for the same talks, the chapter considers removing this as an incentivized option.

# 71 Open Board Meetings

## Illinois Alpha

### 1. Project Information

- i. Date(s): 04/15/24 - 04/22/24
- 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	1

- v. Average number of hours per person spent:

Participating	Organizing
0.1	1.0

### 2. Project Evaluation

#### i. General Description

Our chapter held open board meetings that any initiates or members could attend. Anyone who attended got to see how a typical board meeting for our chapter works, ask any questions, and decide if they want to run for the board or narrow down which positions they want to run for.

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

The purpose of having these open board meetings was for our initiates and members to attend, ask questions, and decide how they want to participate with our chapter in the future.

#### iii. Organization and Administration

No additional organization is required for our open board meetings as we want any attendees to see what a typical board meeting looks like.

#### iv. Total Cost

\$0.0

#### v. Cost Breakdown

None.

#### vi. Special Problems Encountered

None.

vii. **Overall Evaluation**

This year one person attended our open board meetings and she decided she wanted to run for treasurer. She got to see what our treasurer typically does during meetings and ask any questions. She was elected to be our treasurer next year.

# 72 Cyber Ambassadors: Teamwork

## Illinois Alpha

### 1. Project Information

- i. Date(s): 04/18/24
- 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
Electees	5

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

### 2. Project Evaluation

- i. **General Description**

This event serves as professional development for all participants.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

Albeit a more implicit juxtaposition, Illinois Alpha worked with the National Tau Beta Pi organization and the NSF as a recipient of the program offered.
- iii. **Organization and Administration**

The organization on part of the chapter was limited to taking a detailed attendance form to verify that the participants completed the event.
- iv. **Total Cost**

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

None
- vi. **Special Problems Encountered**

None
- vii. **Overall Evaluation**

Minimal impact was achieved since attendance was very small.

# 73 2nd Grade Outreach

## Illinois Alpha

### 1. Project Information

- i. Date(s): 04/18/24
- 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
Committee Members (Electees)	8
Officers	1
Members	2
Electees	4

- v. Average number of hours per person spent:

Participating	Organizing
4.0	2.0

### 2. Project Evaluation

#### i. General Description

At our 1st grade outreach event last semester, one of the 2nd grade teachers from the school approached us and asked if we would be willing to come to her classroom and do a similar set of activities with her students. After talking with her about the second-grade curriculum, we created a custom set of activities to compliment what they were learning in the classroom. For this event, there were a total of 4 stations that the students rotated through in groups of 6 students each. The students were learning about basic electromagnetism, so three of our stations were visualizing magnetic fields with iron filings, building a compass with a magnet and paperclip, and creating a simple battery motor. We also like to stress the importance of creativity and innovation in engineering during our outreach events, so for our final station we had the students design and build bridges out of spaghetti and marshmallows. During the event, we had a 3:1 student to instructor ratio, so the experience allowed for the students to ask questions and learn in a very individualized manner. This event required a lot of planning and organization, which was handled by our K-12 outreach committee. The members planned the stations, ordered the materials, tested the stations beforehand, and organized the presentation so that the day of the event could be as smooth as possible. We allowed anyone from our chapter

to attend the actual event, not just committee members, which was made possible by the hours of work put in by the committee beforehand.

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

A lot of K-12 outreach groups do very general and repeated activities. Our chapter wanted to do something different and create an experience tailored to the specific classroom and their curriculum by talking with the teacher beforehand and creating a custom set of stations. Through this, we provided an individualized experience for the students which exposed them to engineering concepts at a young age and connected the activities to things they are currently learning in the classroom. During the event, we had several students express their interest in science, and a few even talked about how they wanted to be engineers. The volunteers talked with these students to encourage their interest in STEM fields and engineering careers in their futures.

iii. **Organization and Administration**

The K-12 Outreach Committee was in charge of planning the stations, creating an instruction guide for the volunteers, making a supply list, testing the stations beforehand, and designing the slideshow and handouts for the classroom. Communication with the school was handled by Megan Harrison, who also led the committee and organized transportation to and from the school. Thanks to the work of the committee beforehand, the day of the event went very smoothly and our volunteers, many of whom were not directly involved with the project beforehand, were able to handle the stations well.

iv. **Total Cost**

\$130.73

v. **Cost Breakdown**

The main cost associated with this event was to buy the supplies for the stations, most of which went towards items like batteries, magnets, and wire for \$98.57. There were no financial limitations on this project, and we had enough participants so that planning and set up went very smoothly. We also reimbursed two drivers for gas cost to drive to and from the school for a total of \$32.16.

vi. **Special Problems Encountered**

We knew it might take some time to figure out how to best run the stations, so we organized a testing session about two weeks before the actual event. We ran into a couple issues with the battery motors and compasses, both of which were resolved by the end of the work session and well in advance of the actual event.

vii. **Overall Evaluation**

This event required a lot of planning, organization, and collaboration between many individuals within our Tau Beta Pi chapter, and this process was based on similar outreach events our chapter has done in the past. Because of this, the event went very smoothly, and we received positive feedback from everyone involved, with many people expressing interest in having a longer event in the future so that we could have more time to work with the students. A couple weeks after the event, we also received an envelope from the school with thank you notes from the teacher and the students. The students expressed their excitement, with many saying that our visit was more fun than the field trip they took earlier that month, and with several others talking about how they wanted to be engineers in the future. Moving forward, our chapter hopes to do more similar events, focused on hands-on stations and collaboration with the schools to create an individualized lesson to match what the students are learning in the classroom.

### 3. Additional Attachments

Figure 29: Thank you letter from the 2nd grade teacher

Megan and the Tau Beta Pi  
STEAM TEAM -

Thank you for coming to MPE to share your experiments with the students. They absolutely loved having you here! Each of the kids had a different station which was their favorite. They enjoyed the hands-on opportunity and a chance to interact with all of you! Many of the kids even claimed your visit was MORE fun than the field trip we took to the  Bloomington Children's Museum! 

Figure 30: Thank you letter from one of the students

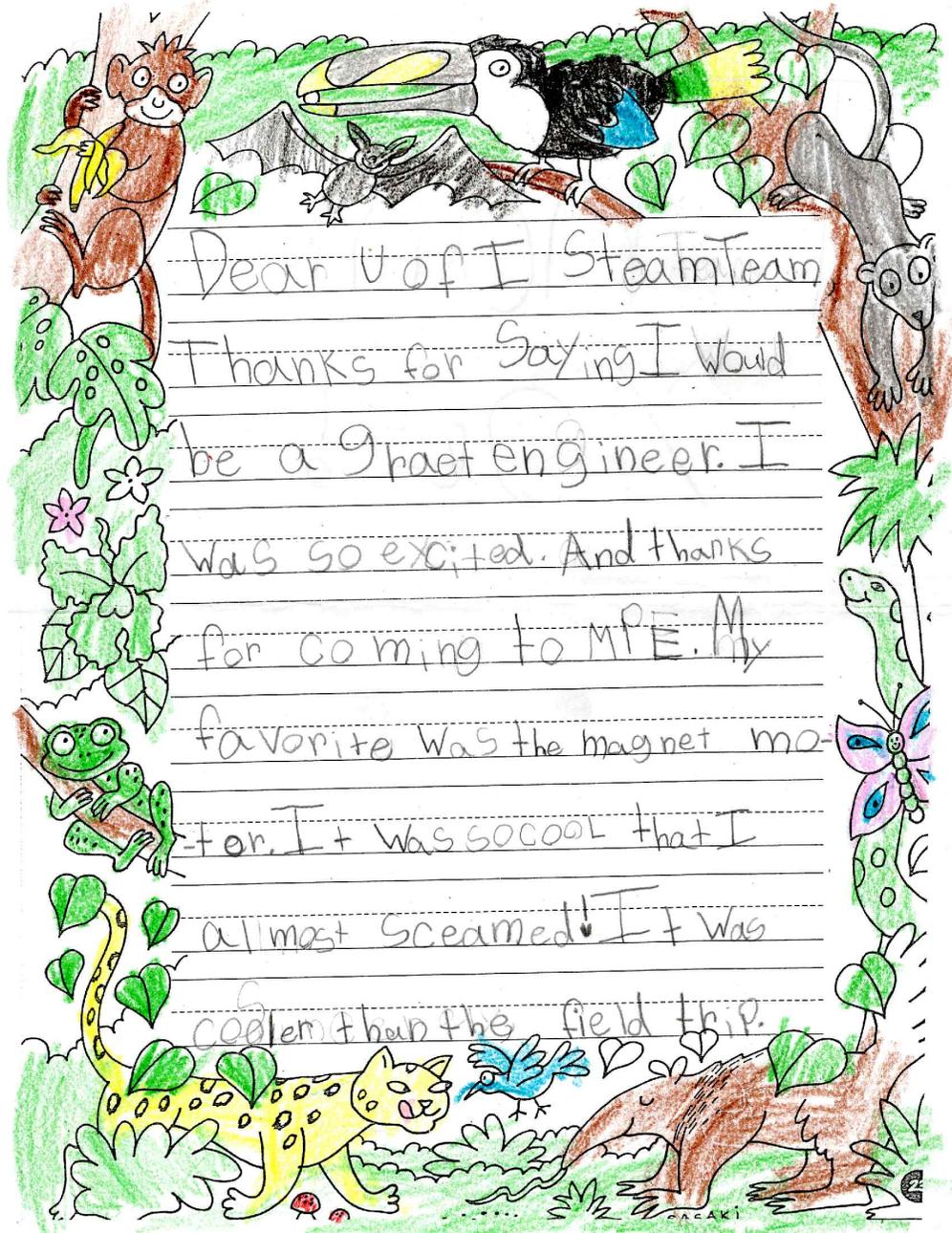


Figure 31: Thank you letter from one of the students

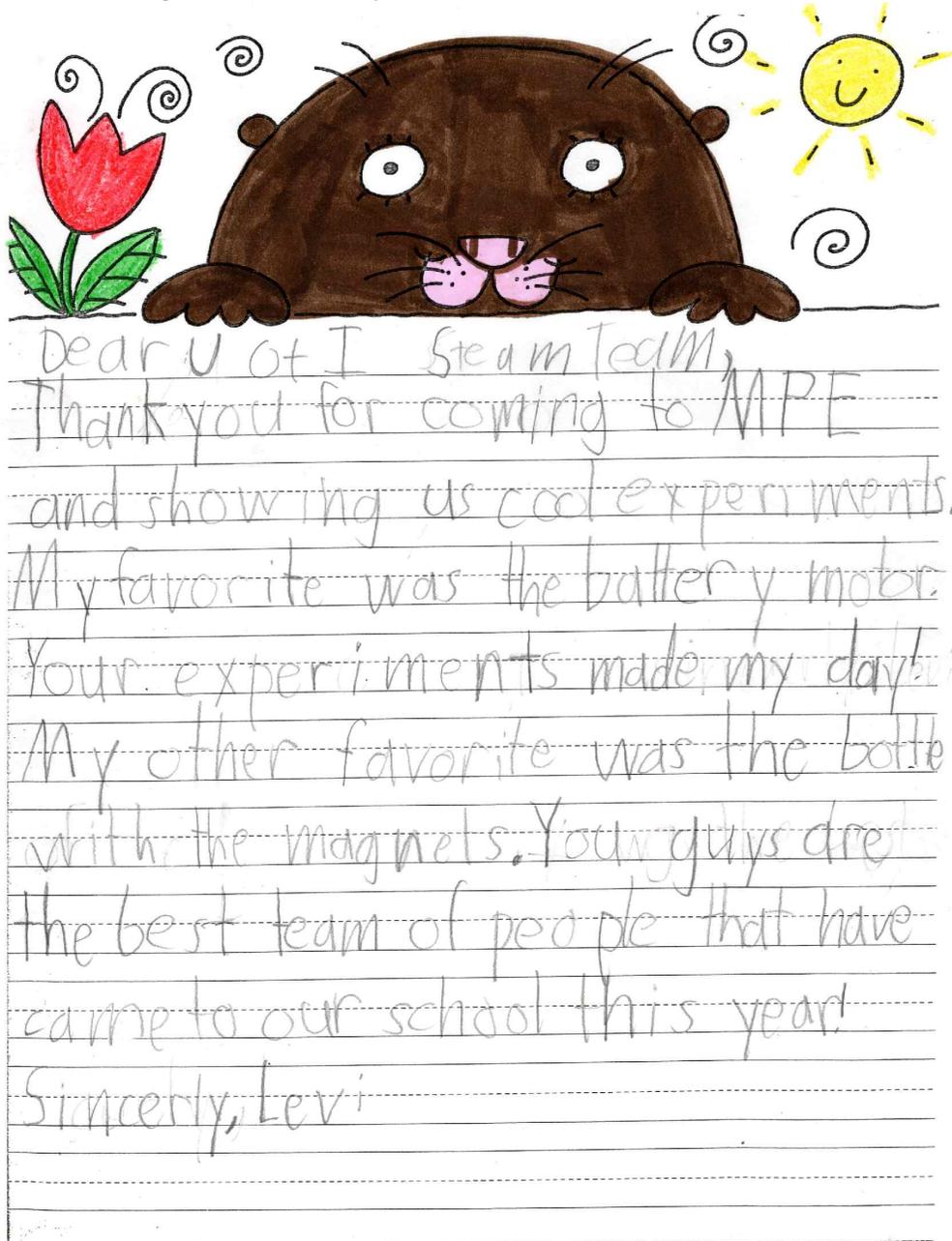


Figure 32: Thank you letter from one of the students

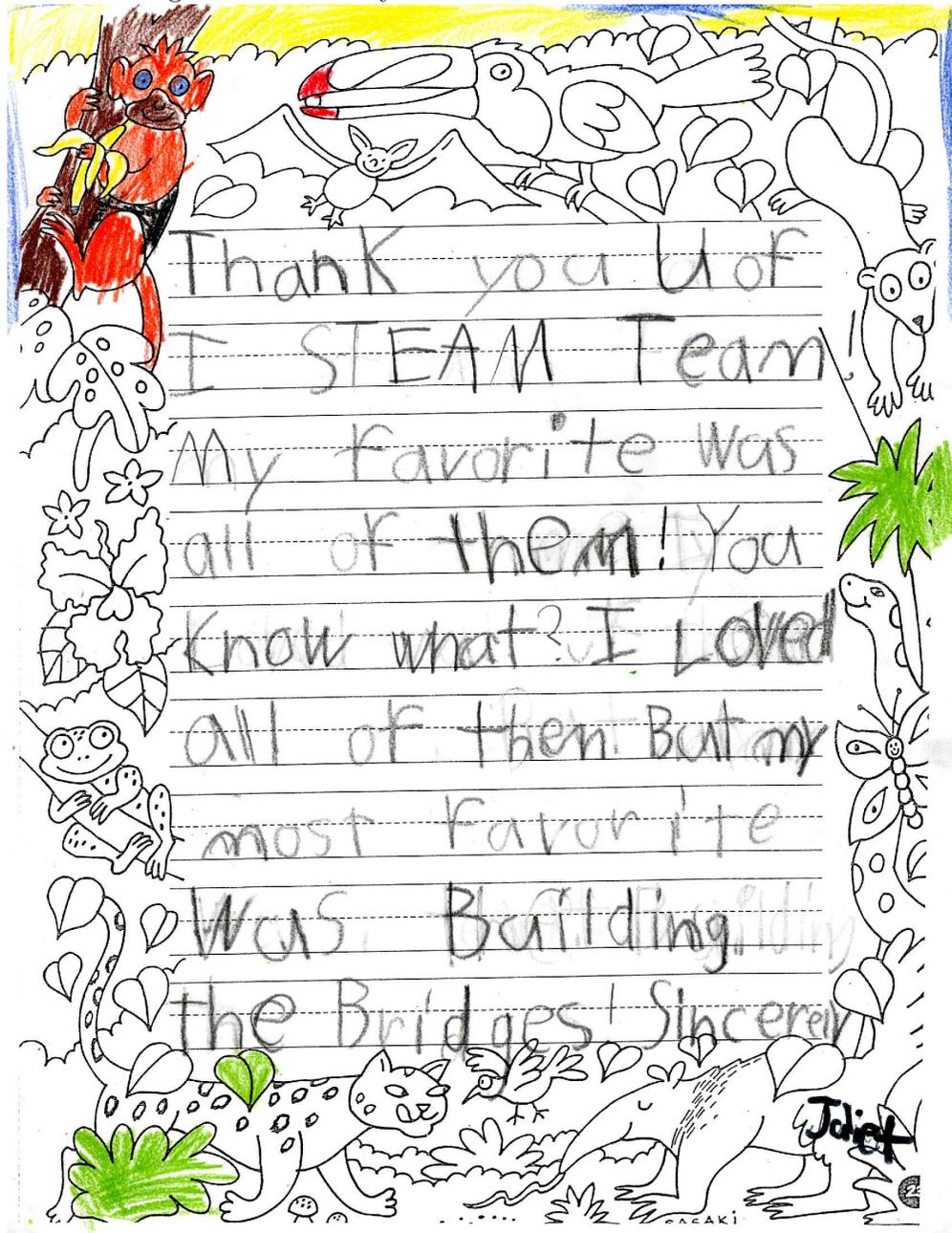


Figure 33:



# 74 Tau Beta Pi Trivia Night

## Illinois Alpha

### 1. Project Information

- i. Date(s): 04/19/24
- 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
Other university students	17
Members	25
Electees	28

- v. Average number of hours per person spent:

Participating	Organizing
1.0	2.0

### 2. Project Evaluation

#### i. General Description

Our chapter hosted a trivia night which was open for anyone at our university to attend free of charge. We advertised the event with flyers around campus, social media posts, and sending the information out to other student groups. Our Vice President, Zachary Werth, came up with trivia questions for 8 rounds with 8 questions each. Teams could consist of a maximum of 6 people and we allowed individuals and smaller pairs/groups to sign-up as well. The individuals and smaller groups were put together to form larger teams. The questions were graded by our President, Anna Marie Buss, while Zachary read the questions and hosted the trivia night. The slides with the questions and answers were made in Canva, so Anna Marie updated the scores live in the presentation. We played 3 rounds of trivia, then paused for a pizza break where all participants were provided pizza free of charge. After the break, we finished the trivia and crowned the top 3 winning teams. Each person on the top 3 teams got a \$10 gift card to various places in campus town. The winning team also got small TBP branded trophies.

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

The purpose of hosting a trivia night was to create a fun event that our members and initiates were interested in. By having the event open to anyone, they could bring their friends from outside of Tau Beta Pi to participate too. We could also advertise around campus and among other student organizations which helped our image and visibility on campus.

iii. **Organization and Administration**

The organization was primarily handed by our Vice President who was in charge of making the questions and finding a room to host the trivia night. The event was discussed at board meetings, so all board members had input and helped to advertise the event. We had a trivia team composed of board members as well, so it was a fun event that most of the board could participate as only our Vice President and President had seen the questions.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

We applied for funding for this event through our school's Engineering Council. We received up to \$900 dollars for this event which covered the cost of pizza for all participants and prizes for the top 3 teams. Each team member of the top 3 teams received a \$10 gift card and the winning team received small trophies.

vi. **Special Problems Encountered**

None.

vii. **Overall Evaluation**

Overall the event was successful. We had 13 teams with 5-6 people per team. There was a mix of Tau Beta Pi initiates/members and people from outside our organization. The large turnout created a nice environment and the scores were very close towards the end making it a fun evening. We were able to advertise this event around campus, so hopefully more people are familiar with Tau Beta Pi and will be interested in joining when they get the invitation email in the future.

3. **Additional Attachments**

Figure 34: Trivia Night

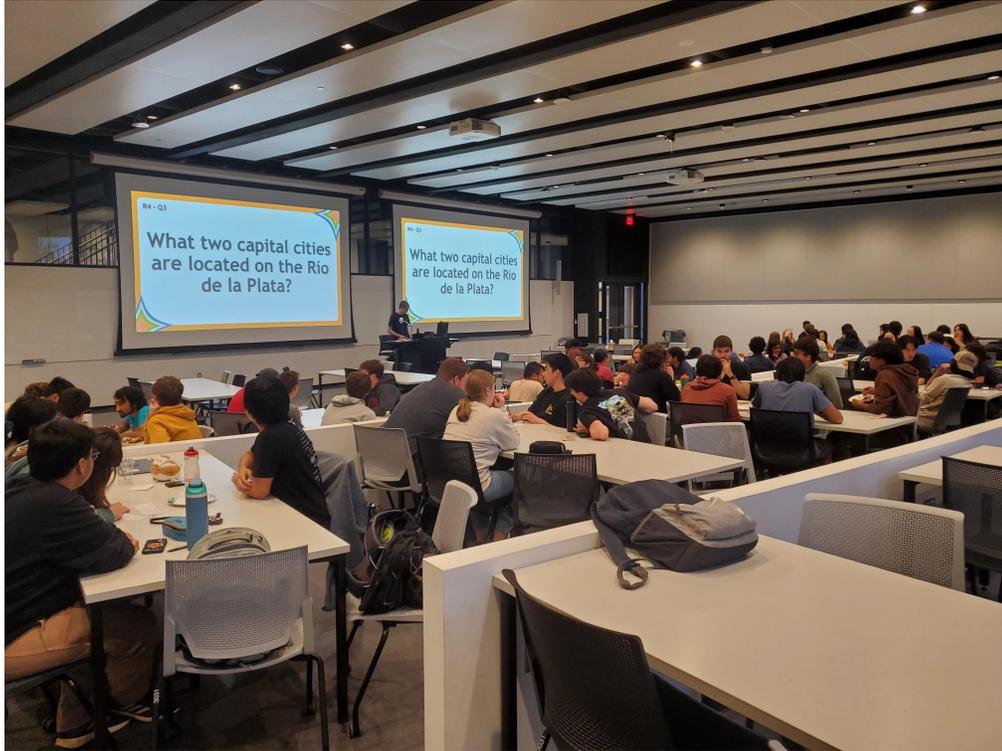


Figure 35: Trivia Night



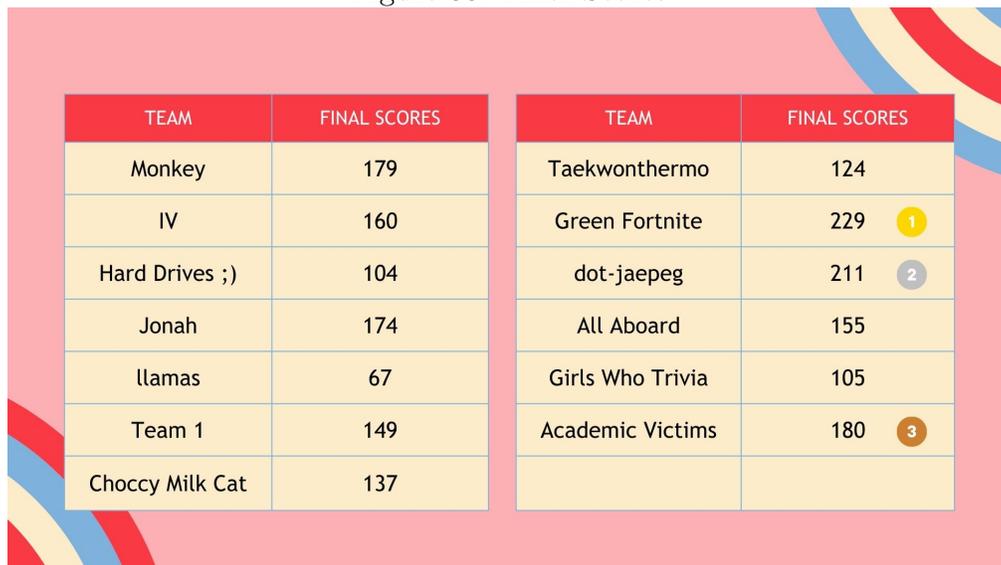
Figure 36: Winning Team



Figure 37: Mini Trophies



Figure 38: Final Scores



TEAM	FINAL SCORES	TEAM	FINAL SCORES
Monkey	179	Taekwonthermo	124
IV	160	Green Fortnite	229 <span>1</span>
Hard Drives ;)	104	dot-jaepeg	211 <span>2</span>
Jonah	174	All Aboard	155
llamas	67	Girls Who Trivia	105
Team 1	149	Academic Victims	180 <span>3</span>
Choccy Milk Cat	137		

# 75 Food Drive

## Illinois Alpha

### 1. Project Information

- i. Date(s): 04/22/24 - 04/26/24
- 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	7

- v. Average number of hours per person spent:

Participating	Organizing
3.0	1.0

### 2. Project Evaluation

- i. **General Description**

The Food Drive collected food items for Wesley Food Bank, including canned food, prepared meals, and other non-perishable items. We emailed with Wesley to coordinate a food drop off time. Over the week long event, initiates and members were able to drop off their donations to the Tau Beta Pi Office during office hours. Then, members of the officer board drove the items over to be donated.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

The purpose of this project was to give back to the local community by donating one of the most essential things: food. It provides free staples to those in need to the local community, and it helps our chapter's mission of giving back to the community.
- iii. **Organization and Administration**

The Services VP and service committee planned this event. The responsibilities including emailing/calling Wesley Food Bank and collecting items during Tau Beta Pi office hours. The most difficult part was delivering items as it required finding a member who had a car and finding a time to deliver the items. We worked with Wesley Food Bank for this event as we donated our food to them. This activity went according to plan.

iv. **In Conjunction With**

Wesley Food Bank

v. **Total Cost**

\$0.0

vi. **Cost Breakdown**

There were enough donations for this event to be successful.

vii. **Special Problems Encountered**

The only issue with this event was it was sometimes difficult to communicate with the food bank. They only were available to email 2 days a week, so it was difficult to coordinate with them. We limited this issue by staying on top of emailing and reaching out to them in advance.

viii. **Overall Evaluation**

Overall, the event was a success. It allowed Tau Beta Pi to give back to the community by donating essential sustenance, making it available free to the community. The chapter did reach its goal of assisting the local community. In the future, we could make the drive longer in an attempt to take more donations. We could also bring members to the food bank itself in order to pack food bags and help out in person along with giving donations.

# 76 Clothing and Household Items Drive

## Illinois Alpha

### 1. Project Information

- i. Date(s): 04/22/24 - 04/26/24
- 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
2.0	1.0

### 2. Project Evaluation

#### i. General Description

The Clothes and Household Items Drive collected items including clothes (in any condition), books, DVDs, CDs, purses and belts, toys and stuffed animals, linens, small electronics, and jewelry. We donated these items to a local thrift store called Salt and Light. They have open donation drop off, but we did call in advance to make sure they were prepared for a larger delivery. Over the week long event initiates and members were able to drop off their donations to the Tau Beta Pi Office during office hours. Then, members of the officer board drove the items over to be donated.

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

The purpose of this project was to give back to the local community by giving away essential used items. It also helps eliminate waste and promote sustainability by giving clothing and other items another life and use. It helped our chapter's mission of giving back to the community.

#### iii. Organization and Administration

The Services VP and service committee planned this event. The responsibilities including calling Salt and Light and collecting items during Tau Beta Pi office hours. The most difficult part was delivering items as it required finding a member who had a car and finding a time to deliver the items. We worked with Salt and Light for this event as we donated our items to them. The activity went according to plan.

iv. **In Conjunction With**

Salt and Light

v. **Total Cost**

\$0.0

vi. **Cost Breakdown**

There were enough donations to make this event successful.

vii. **Special Problems Encountered**

There were no problems at this event.

viii. **Overall Evaluation**

Overall, this event was a success. It allowed Tau Beta Pi to give back to the community by donating essential items, making them available to the community at a very affordable price and recycle those items if they can't be used. The chapter did reach its goal of assisting the local community. In the future, we could continue to donate to Salt and Light, but also donate nicer items to another place that would give out the items for free to those in need.

# 77 Picnic on the Quad

## Illinois Alpha

### 1. Project Information

i. Date(s): 04/24/24

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

To wrap up the social events and celebrate the warmer weather, we held a picnic on the quad. Everyone brought their own food or snacks and we provided a blanket for everyone to hang out on. Everyone discussed their end of semester plans and how classes were going.

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

This event provided an opportunity to engage with and meet other members and initiates. We strive to foster connection and build a sense of community.

#### iii. Organization and Administration

Prior to the picnic, the Social Projects VP picked the time and location. They brought the blanket and communicated information out, so they were easily identifiable for those walking to the quad. The event went as planned.

#### iv. Total Cost

\$0.0

#### v. Cost Breakdown

n/a

vi. **Special Problems Encountered**

The weather was a bit colder and windier than we would have liked. This likely discouraged some members and initiates from attending. However, we had a great time for those who did come since the weather is out of our control.

vii. **Overall Evaluation**

Even though the weather could have been a little nicer, everyone had a great time going outside and having a break from studying for upcoming exams and finals. Upon reflecting on this event, I would have moved it to a different day for better weather. However, we still fostered a strong sense of connection and had great success.

# 78 Big Bent Polishing

## Illinois Alpha

### 1. Project Information

- i. Date(s): 04/25/24
- 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	4

- v. Average number of hours per person spent:

Participating	Organizing
0.1	1.0

### 2. Project Evaluation

#### i. General Description

We held big bent polishing two days before initiation, our general meeting, and our end of semester banquet. Members and initiates gathered for the last social event of the semester to polish the big bent statue on our campus. As our final event of the semester where initiates and members could earn points, the intention behind this event was also to create hype for our chapter's big day which is the culmination of the semester where we have initiation, the general meeting, and our end-of-semester banquet. We provided popsicles, snacks, and drinks for those who came to this event.

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

It was fun for our members and initiates to come together for one last event and to make sure our bent looks nice and shiny in the spring sunshine.

#### iii. Organization and Administration

This event did not require much organization as we already had all the supplies.

#### iv. Total Cost

\$0.0

#### v. Cost Breakdown

None.

vi. **Special Problems Encountered**

None.

vii. **Overall Evaluation**

The event was successful because it made our bent statue shine and the participants enjoyed it.

3. **Additional Attachments**

Figure 39:



Figure 40:



Figure 41:



Figure 42:



# 79 End of Semester Banquet

## Illinois Alpha

### 1. Project Information

- i. Date(s): 04/27/24
- 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	27

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.5

### 2. Project Evaluation

#### i. General Description

We have an end-of-semester banquet at the end of each semester. This semester we got university catering to a ballroom in the Illini Union. Initiates and distinguished active members get to attend the banquet for free. They can bring a guest as well if the guest purchases a ticket. The banquet is our final event of the semester where we celebrate the new initiate class and what our chapter did that semester. Our advisor and President typically give speeches encouraging everyone to stay involved with Tau Beta Pi.

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

The purpose is to celebrate our members, recognize their achievements, and show that we appreciate what they do for our chapter.

#### iii. Organization and Administration

Our treasurer typically organizes the event as most of the organization involves the expense of paying for the banquet. We selected a menu and the restaurant had a delicious buffet ready for us when we arrived.

#### iv. Total Cost

\$0.0

v. **Cost Breakdown**

This event is typically one of our most expensive events of the semester. However, we put in a funding request through our College's Engineering Council and they paid for the event. Our chapter did not have any expenses for this event.

vi. **Special Problems Encountered**

None.

vii. **Overall Evaluation**

The event was a great celebration of the semester, so it was a success.

# 80 End of Semester General Meeting

## Illinois Alpha

### 1. Project Information

- i. Date(s): 04/27/24
- 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	58
Electees	37

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.0

### 2. Project Evaluation

#### i. General Description

At the end of each semester, we have a general meeting immediately following our banquet. It is required for all initiates and members to attend in-person or on zoom. In the general meeting, we recap the semester and highlight some of the bigger events we held. We also do elections for executive positions and conduct any voting that needs to be done. Our chapter's scholarship winners are also announced at the general meeting and those recipients are recognized for their achievements.

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

The purpose of this event is to summarize the semester, recognize outstanding members in our organization, and offer the chance to be elected into a leadership opportunity when there's a lot of excitement surrounding Tau Beta Pi. The initiates would have just gone through initiation, so they may feel inspired to be really involved with our chapter moving forward.

#### iii. Organization and Administration

The meeting is run primarily by the President who puts together the slides for the general meeting and prepares for elections. The Vice President awards the scholarships. Our social, service, and professional chairs discuss events held throughout the semester.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

We decided to print scholarship recipient and membership recognition certificates in our office as the quality was nearly identical to outsourcing the printing.

vi. **Special Problems Encountered**

None.

vii. **Overall Evaluation**

This event is a great way to wrap up the semester. With the event being held right after initiation, everyone who just participated in initiation can learn about ways to stay involved in the future as we recognize members who have gone beyond the minimum requirements for active membership in our chapter.

# 81 End of Semester Exec Celebration

## Illinois Alpha

### 1. Project Information

- i. Date(s): 05/04/24
- 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	0

- v. Average number of hours per person spent:

Participating	Organizing
0.5	1.5

### 2. Project Evaluation

- i. **General Description**

As an end-of-semester celebration, our executive board went to play laser tag and went roller blading.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

The purpose of this event was to celebrate our executive board and enjoy some fun time together before the end of the year. It was fun to take a break during finals and having one last outing for our executive board. There are certain things, such as our chapter scholarships that our executive board members aren't eligible for, so doing this event was a fun way to celebrate the board's contributions to our organization throughout the year.
- iii. **Organization and Administration**

This event was organized by our President who gauged interest in an end-of-semester celebration during one of our executive board meetings. Everyone was interested in doing laser tag and there was also roller blading at the same place.
- iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

There was no cost to our chapter as each of us individually paid for our participation in the event.

vi. **Special Problems Encountered**

None.

vii. **Overall Evaluation**

This was a fun way to celebrate the year and the friendships made with others on our executive board.

3. **Additional Attachments**

Figure 43: Group Photo



Figure 44: Getting on the Rink



Figure 45: Rinkside Photo



# 82 Road Trip to See Northern Lights

## Illinois Alpha

### 1. Project Information

- i. Date(s): 05/10/24
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	4
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.1	3.0

### 2. Project Evaluation

#### i. General Description

Earlier in the semester after one of our board meetings, 4 of the officers had a discussion about how one of the things on their bucket list was to see the northern lights. Fast forward to the last day of the semester, and the KP index was high enough that there was a chance to see them from Illinois. After a quick text message and a hurried dinner, the 4 officers found a car, some blankets, and some snacks and headed out for a midnight road trip. We went to a dark sky park about 40 minutes from campus, and spent about an hour and a half searching for the northern lights, stargazing, and having fun conversation. And for anyone wondering, yes, we did in fact see the northern lights.

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

While most of our events are well thought out, this event showed that the sense of community within our chapter does not just come from pre organized events, but that there are strong connections between our members that extend outside of chapter activities. After all, people don't go on a midnight road trip with just anyone.

#### iii. Organization and Administration

This was a very spontaneous decision on the part of the officers, and the extent of the planning was remembering to grab blankets and snacks before heading out.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

None. All of the materials were provided by the four people that went on the trip.

vi. **Special Problems Encountered**

There were no special problems with this event. Except for the fact that it took us longer to find north than we really care to admit.

vii. **Overall Evaluation**

This was the last event of our semester and there was absolutely no thought put into it whatsoever. There was no focus on room reservations, scheduling conflicts, or getting points towards initiation. This was just a few Tau Bates having a common interest, a spontaneous idea, and people crazy enough to do it with them. As the year progressed, people within the chapter started recognizing each other more frequently and attending events together. This event showed the relationships that Tau Beta Pi can provide, as well as the opportunities open to members from being a part of such a motivated community. And while spontaneous road trips specifically may or may not be in our future reports, I feel that this is exactly the type of opportunity and experience that our chapter should try to create more of.

3. **Additional Attachments**

Figure 46: Northern Lights



Figure 47: Northern Lights



Figure 48: Northern Lights

