

# Contents

1	Fall Officer Meetings . . . . .	2
2	E-Bash . . . . .	4
3	New Initiate Info Session . . . . .	6
4	Fall Kickoff General Meeting . . . . .	8
5	New Initiate Info Session . . . . .	10
6	Puptoberfest . . . . .	12
7	Puptoberfest . . . . .	14
8	TBP Talk . . . . .	17
9	Study Rooms . . . . .	18
10	Back-to-School Kahoot Trivia . . . . .	20
11	Wisconsin Science Festival Prep Support . . . . .	21
12	Hockey Concessions Fundraising . . . . .	23
13	Pecks Market Brat Fry . . . . .	27
14	KLA Company Talk . . . . .	29
15	Dog Distraction Walk . . . . .	31
16	Wisconsin Science Festival . . . . .	33
17	Netflix Movie Watch Party . . . . .	36
18	Fall Election Meeting . . . . .	38
19	Volunteering Coordinator Office Hours . . . . .	40
20	Fall Initiation . . . . .	42
21	Distinguished Alumni Talk . . . . .	44
22	November General Meeting . . . . .	45
23	Union South Bowling . . . . .	47
24	Zooniverse Group Virtual Volunteering . . . . .	48
25	Second Harvest Food Bank . . . . .	50

26 River Food Pantry . . . . . 53

27 Escape Room . . . . . 55

28 Zooniverse . . . . . 56

29 Dog Distraction Walk . . . . . 58

30 Findorff Company Talk . . . . . 62

31 Fall End-of-Semester Banquet . . . . . 64

32 Spring Officer Meetings . . . . . 66

33 E-Bash . . . . . 68

34 Card Making for Children in Hospitals . . . . . 70

35 Spring Kickoff General Meeting . . . . . 72

36 Dog Distraction Walk . . . . . 74

37 New Initiate Info Session . . . . . 76

38 New Initiate Info Session . . . . . 78

39 Volunteering Coordinator Office Hours . . . . . 80

40 Board Games @ RollPlay . . . . . 82

41 Fogarty Faculty Talk . . . . . 84

42 TBP Study Rooms . . . . . 85

43 Officer Election Meeting . . . . . 87

44 OccuPaws Fundraiser . . . . . 89

45 Pi Day . . . . . 91

46 Pregnancy Helpline Childcare Helper . . . . . 92

47 March Madness Bracket . . . . . 94

48 Bracketology Faculty Talk . . . . . 95

49 Bracketology Faculty Talk . . . . . 96

50 David Kern TBP Talk . . . . . 98

51 Zooniverse Group Virtual Volunteering . . . . . 100

52 ECE Talk - Professor Vijay Vittal . . . . . 102

53 Second Harvest Food Bank . . . . . 104

54 Spring Election Meeting . . . . . 106

55 Volunteering Coordinator Office Hours . . . . . 108

56 BMES Med School Panel . . . . . 110

57 UW-Arboretum Restoration Project . . . . . 112

58 Spring Initiation . . . . . 114

59 Tau Bate Talk with Dr. Aprille Ericsson of NASA . . . . . 116

60 Science Expedition . . . . . 118

61 Plexus Industry Event . . . . . 120

62 TBP Blood Drive . . . . . 122

63 Findorff Company Talk . . . . . 124

64 Codenames . . . . . 126

65 April General Meeting . . . . . 128

66 Engineering EXPO . . . . . 130

67 Senior Sendoff Dinner . . . . . 132

68 7 Iron Social . . . . . 134

69 TBP Talk Aditya Kunjapur . . . . . 135

70 Spring End-of-Semester Banquet . . . . . 137

# 1 Fall Officer Meetings

## Wisconsin Alpha

### 1. Project Information

- i. Date(s): 08/22/21 - 12/05/21
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Chapter Upkeep
  - 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
1.0	1.0

### 2. Project Evaluation

#### i. General Description

Our chapter held biweekly officer meetings in order to ensure that the chapter would run smoothly. We started our biweekly officer meetings on August 22nd, 2021 and had our final biweekly officer meeting on December 5th, 2021. During these meetings, each officer would report on the pieces of the organization that they were responsible for and the officer team would brainstorm/collaborate on any questions that may arise from this reporting. We also used this time to theorize events and to put new events into motion.

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

These biweekly officer meetings were crucial to the smooth running of the chapter throughout this virtual semester. Thus, these meetings were important for the health of our chapter and to ensure that the members would be able to attend events. Finally, these meetings also allowed for the officer team to grow closer with one another.

#### iii. Organization and Administration

For each of these officer meetings, the President took the time to draw and to establish an agenda which encompassed all aspects of the chapter at the time of the meeting. The President was responsible for hosting and navigating the meeting.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

There was no cost associated with running these biweekly officer meetings.

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

Overall, we felt that each officer meeting added value and helped us push our chapter to be more. It is crucial that an agenda is produced ahead of time in order to allow for an efficient meeting where a lot can get done. We found that including an icebreaker (Rose/Thorn/Bud) at the beginning of the meeting was useful to gauge the headspace of the officers so that we can all start on the same page.

## 2 E-Bash

### Wisconsin Alpha

#### 1. Project Information

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

Category	Count
Non-members	8
Members	2
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.0

#### 2. Project Evaluation

- i. **General Description**

Engineering Bash (E-Bash) is an annual event that gives current and incoming students an opportunity to learn about the student organizations on the engineering campus.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This event was helpful to spread the awareness of TBP as an opportunity on the UW-Madison campus.
- iii. **Organization and Administration**

Marshall & Meghana prepared a pre-established trifold that held all the key info about TBP (member requirements, three pillars, and overview of chapter events) which was used to present to potential members. Marshall and Meghana chatted to non-members as they approached our booth.
- iv. **In Conjunction With**

UW-Madison College of Engineering
- v. **Total Cost**

\$0.0

vi. **Cost Breakdown**

N/A

vii. **Special Problems Encountered**

It started to rain; so, we will need to make a new trifold for next E-Bash.

viii. **Overall Evaluation**

We felt that the E-Bash was successful and that the one-pager of TBP information was adequate to provide people a clear understanding of what our TBP chapter stands for. Although we primarily talked with freshman and sophomores, we felt that being engaged in this event was valuable to spread the word and spread awareness of TBP as an opportunity on the UW-Madison campus.

### 3 New Initiate Info Session

#### Wisconsin Alpha

##### 1. Project Information

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

Category	Count
Non-members	17
Members	1
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.0

##### 2. Project Evaluation

- i. **General Description**

This event was designed to introduce engineering students that received an invitation to our chapter's history, values (three pillars), typical events, member benefits, and the application process. This event was an opportunity for potential initiates to ask questions to the officers present (President).
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This event was important in the initiation process as it identified those that wanted to engage in the application process after receiving an invitation.
- iii. **Organization and Administration**

Marshall prepared the information session slides and presented it in equal parts.
- iv. **Total Cost**

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

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

N/A

vii. **Overall Evaluation**

Overall, we felt that this virtual event was effective in teaching the potential initiates all about our chapter's history, values (three pillars), typical events, member benefits, and the application process. We felt that this virtual event covered all necessary information in order to demystify our chapter/organization for an individual that is completely new.

# 4 Fall Kickoff General Meeting

## Wisconsin Alpha

### 1. Project Information

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

Category	Count
Members	24
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.0

### 2. Project Evaluation

#### i. General Description

It was expected that all members attend this event. During this kickoff event, each officer provides information on the upcoming events, membership requirements, and any changes in leadership. Furthermore, each officer introduced themselves to the members. All officers were available to field any questions from the virtual crowd.

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

Encourage active membership and clear communication within the chapter leadership.

#### iii. Organization and Administration

Each officer (Parker Esswein - Volunteer; Annalise Hotchkiss - Socials; Meghana Kalluri - Fundraising; Mike Walz - VP/Industry; Leah Chung - Social Media) produced their slide in order to inform the members about the event from their respective officer responsibility. The slides were prepped ahead of time by Marshall.

#### iv. Total Cost

\$0.0

#### v. Cost Breakdown

N/A

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

Overall, we felt that the general meeting was effective at making all the necessary active membership and club events information available. The slides were Fall themed and "Icebreaker Breakouts" section were at the beginning of the meeting to provide an opportunity for members to interact. We found the members and new initiates to be very engaged. It seems like it is best for the President to not enter the breakouts in order to allow those that drop out or come late to be able to enter the meeting/groups.

# 5 New Initiate Info Session

## Wisconsin Alpha

### 1. Project Information

- i. Date(s): 09/23/21
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Non-members	14
Members	2
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.0

### 2. Project Evaluation

- i. **General Description**

This event was designed to introduce engineering students that received an invitation to our chapter's history, values (three pillars), typical events, member benefits, and the application process. This event was an opportunity for potential initiates to ask questions to the officers present (President & Vice President).
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This event was important in the initiation process as it identified those that wanted to engage in the application process after receiving an invitation.
- iii. **Organization and Administration**

Marshall & Mike prepared the information session slides and presented it in equal parts.
- iv. **Total Cost**

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

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

N/A

vii. **Overall Evaluation**

Overall, we felt that this virtual event was effective in teaching the potential initiates all about our chapter's history, values (three pillars), typical events, member benefits, and the application process. We felt that this virtual event covered all necessary information in order to demystify our chapter/organization for an individual that is completely new.

# 6 Puptoberfest

## Wisconsin Alpha

### 1. Project Information

- i. Date(s): 09/26/21
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	3
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
1.0	3.0

### 2. Project Evaluation

#### i. General Description

Set-up tents and tables and distributed supplies to each table in preparation for the Puptoberfest event. Following the start of the event, we greeted and welcomed guests to the event, prepared welcome kits, handed out goody-bags, and sold raffle tickets. All profits from the event went toward Occupaws, providing them with funding to support their dog training program as well as to allow them to continue to pair their dogs with individuals who have visual impairments.

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

We volunteered at this event in order to support the Puptoberfest event and help Occupaws raise money so they can continue to properly train their guide dogs and provide these dogs to individuals with visual impairments free of charge. This event helps us continue to achieve our goal of benefiting the community and improving quality of life by supporting the volunteer-driven guide dog association (Occupaws) who pairs their dogs with individuals who have visual impairments.

#### iii. Organization and Administration

The Puptoberfest volunteering event took place in conjunction with Occupaws. The setting-up, welcoming and greeting, and raffle ticket selling was evenly distributed across the three members with assistance from Occupaws volunteers and met the expectations of the original plan.

iv. **In Conjunction With**  
Occupaws

v. **Total Cost**  
\$0.0

vi. **Cost Breakdown**  
N/A

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

viii. **Overall Evaluation**

The project was able to make a direct impact on Occupaws, supporting their fundraising efforts in order to continue their mission of training and providing guide dogs to visually impaired individuals for free. As a result, the outcome of our volunteering met our goal of impacting the community and improving lives, deeming it a success.

3. **Additional Attachments**

Figure 1:



# 7 Puptoberfest

## Wisconsin Alpha

### 1. Project Information

- i. Date(s): 09/26/21
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	2
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
1.0	3.0

### 2. Project Evaluation

#### i. General Description

Greeted and welcomed guests to the event, prepared welcome kits, handed out goody-bags, and sold raffle tickets. After the event ended, we cleaned-up, taking down tents and tables and packing up supplies. All profits from the event went toward Occupaws, providing them with funding to support their dog training program as well as to allow them to continue to pair their dogs with individuals who have visual impairments.

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

We volunteered at this event in order to support the Puptoberfest event and help Occupaws raise money so they can continue to properly train their guide dogs and provide these dogs to individuals with visual impairments free of charge. This event helps us continue to achieve our goal of benefiting the community and improving quality of life by supporting the volunteer-driven guide dog association (Occupaws) who pairs their dogs with individuals who have visual impairments.

#### iii. Organization and Administration

The Puptoberfest volunteering event took place in conjunction with Occupaws. The welcoming and greeting, raffle ticket selling, and cleaning-up was evenly distributed across both members with assistance from Occupaws volunteers and met the expectations of the original plan.

iv. **In Conjunction With**  
Occupaws

v. **Total Cost**  
\$0.0

vi. **Cost Breakdown**  
N/A

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

viii. **Overall Evaluation**

The project was able to make a direct impact on Occupaws, supporting their fundraising efforts in order to continue their mission of training and providing guide dogs to visually impaired individuals for free. As a result, the outcome of our volunteering met our goal of impacting the community and improving lives, deeming it a success.

### 3. **Additional Attachments**

Figure 2:



# 8 TBP Talk

## Wisconsin Alpha

### 1. Project Information

- i. Date(s): 09/26/21
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Officers	2
Members	6
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

### 2. Project Evaluation

- i. **General Description**

Attended and participated in Tau Beta Pi Talk with TBP alum Charles J. Kuehmann, Ph.D.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

To make connections with industry and develop relationships with Tau Beta Pi leadership.
- iii. **Organization and Administration**

The organization and administration of the event was conducted by the Industry Relations position holder prior to the event.
- iv. **Total Cost**

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

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

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

It was a fun, easy way to get the chapter thinking about networking and forming industry connections.

# 9 Study Rooms

## Wisconsin Alpha

### 1. Project Information

- i. Date(s): 09/28/21 - 11/17/21
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Officers	4
Members	5
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.5	3.0

### 2. Project Evaluation

- i. **General Description**

A conference room in the engineering building was reserved every other Wednesday (5 events total) for a few hours during the school day where members/electees could meet up to do work while also being social. Members could come and go as they pleased depending on their schedule.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

As engineering students, we are all very busy during the week, so this event allowed members to continue doing their work while also being active within the TBP community. Considering we have all be virtual for the past year, it was very nice way to start meeting other members in a casual environment.
- iii. **Organization and Administration**

This event was planned and hosted by Annalise. The room would need to be reserved 48 hours prior and a key would need to be picked up every morning of a reservation to unlock the room and returned soon after.
- iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

N/A

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

Overall, this event went very well and was flexible with members' schedules. We believe that this event was also very helpful in introducing member in-person.

# 10 Back-to-School Kahoot Trivia

## Wisconsin Alpha

### 1. Project Information

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

Category	Count
Officers	2
Members	3
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.0

### 2. Project Evaluation

- i. **General Description**  
Virtual trivia night over zoom. Categories dealt with University history, sports, fun facts, etc.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**  
To strengthen bonds between members and create new connections.
- iii. **Organization and Administration**  
Annalise Hotchkiss hosted and set up this event. The event ended up being a little shorter than expected. It ran approximately 40 minutes and involved trivia on the University of Wisconsin-Madison and random facts.
- iv. **Total Cost**  
\$0.0
- v. **Cost Breakdown**  
N/A
- vi. **Special Problems Encountered**  
N/A
- vii. **Overall Evaluation**  
It worked well and was pretty fun. This event can be done virtually as well as in-person. Members enjoyed the event and there was a lot of laughing and joking.

# 11 Wisconsin Science Festival Prep Support

## Wisconsin Alpha

### 1. Project Information

i. Date(s): 10/05/21

ii. New/Recurring Project: New

iii. Project Areas:

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

iv. Number of persons who participated:

Category	Count
Members	3
Electees	0

v. Average number of hours per person spent:

Participating	Organizing
1.0	3.0

### 2. Project Evaluation

#### i. General Description

Created 271 science-based experimental activity kits that contain various materials, such as plants and dirt, that will be given to children (includes all ethnicities) in order to teach the students about science and get the next generation excited about science and engineering.

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

The goal of this volunteering was to prepare science activity kits that will teach the next generation about science and engineering, educating them about various aspects of science and engineering through experiential hands-on learning techniques. We are making an impact on the community by preparing activity kits that help teach the next generation about science and engineering.

#### iii. Organization and Administration

Parker Esswein organized the event in conjunction with the Discovery Building and all three volunteers worked together to create the activity kits. The volunteering and equal distribution of responsibilities across all members met the expectations of the original plan.

#### iv. In Conjunction With

Discovery Building

v. **Total Cost**

\$0.0

vi. **Cost Breakdown**

N/A

vii. **Special Problems Encountered**

N/A

viii. **Overall Evaluation**

With just three members and in only three hours, the volunteers were able to complete a total of 271 activity kits! As a result, the outcome of our volunteering met our goal of creating hands-on activity kits that will teach the next generation about science and engineering, impacting the community and preparing the next generation for success in science and engineering.

# 12 Hockey Concessions Fundraising

## Wisconsin Alpha

### 1. Project Information

- i. Date(s): 10/08/21 - 02/11/22
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Fundraising
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Non-members	11
Officers	7
Members	4
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
8.0	7.4

### 2. Project Evaluation

#### i. General Description

Our chapter partnered with other engineering organizations on campus in order to staff concessions stands for the UW Men's Hockey games throughout the season. The fundraising coordinator set up a contract and created sign-up sheets that were sent out before each event. Each event involved taking inventory and setting up the stand, selling concessions throughout the duration of the event, then closing, cleaning up, and taking inventory at the end. These events typically lasted around 5 hours each. After each event, we would earn either 10% of the total earnings or the minimum guarantee based on how many members participated. Generally, this was around \$300 per event. These funds greatly helped our chapter with things like affording catering, banquet prizes for members, and buying new merch which we designed specifically for our chapter. Doing fundraising through concessions was an amazing opportunity to generate a lot of funds for the chapter, as well as allow members to spend time socializing, getting to know each other, and giving back to the community in an exciting, fast paced environment.

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

The purpose of these events was to raise money for our chapter as well as donate our time to

volunteer and staff the UW Men's Hockey games. The fundraising done for our chapter will go into buying merch and prizes for our members for the banquet as well as towards any expenses we have throughout the entire semester and future semesters to come. The events required members to spend 5 hours together at a time, which also created a upbeat social atmosphere and helped members and officers develop strong connections with each other.

iii. **Organization and Administration**

The fundraising chair officer handled all of the administrative and organization of these events, including creating a contract, coordinating with other orgs for partnerships, and communicating with the managers as well as the treasurer in order to receive and distribute the funds to our partners. It was then the treasurer's responsibility to pick up the checks and distribute to the appropriate groups/partners. The chapter partnered with the Biomedical Engineering Society (BMES) and Geological Engineering Student Council (GESC) to consolidate groups of people to host each concessions stands. The events were put on very smoothly and could be tiring after 5 hours of work, but generally very rewarding and fun.

iv. **In Conjunction With**  
BMES, GESC

v. **Total Cost**  
\$0.0

vi. **Cost Breakdown**

There was no cost to putting on and performing any of these fundraising events, however if during and after the event there was an issue caused by the group, this would take a portion out of the earnings from the night that the group made.

vii. **Special Problems Encountered**

The biggest problem that our chapter faced with these events was getting consistent participation from our members, because although we organized the events we ended up relying the most on the Tau Beta Pi officers and the organizations that we partnered with. These issues may be because of the high time commitment to participate, but by partnering with other orgs we were able to fully staff all the stands and develop strong relationships to other engineers on campus as well.

viii. **Overall Evaluation**

This year, the fundraising events were extremely successful for our chapter in raising lots of funds and helping members get to know each other as well as other engineers. The total funds raised through these events were \$3049.08, and the portion of this going towards Tau Beta Pi alone was \$1303.86. Making over \$1000 in just one year was an amazing accomplishment for the org and will be super useful in the future for any necessary spending that will go back into bettering the org and rewarding members for their achievements. In order to achieve better results, the chapter could potentially take on more stands per event or more events if there is enough member participation to do so. The best thing we can do moving forward is to keep the same enthusiasm forward and get members excited about signing up and volunteering for concessions - this may include incentivizing these events more in the future.

3. **Additional Attachments**

Figure 3: Fall 2021 Hockey Concessions Fundraising Photos and Commission Report



Figure 4: Spring 2021 Hockey Concessions Fundraising Photo



# 13 Pecks Market Brat Fry

## Wisconsin Alpha

### 1. Project Information

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

Category	Count
Members	2
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
1.0	5.0

### 2. Project Evaluation

#### i. General Description

Cooked, prepared, and served food as well as took care of Occupaws dogs when needed. All profits from the event went toward Occupaws, providing them with funding to support their dog training program as well as to allow them to continue to pair their dogs with individuals who have visual impairments.

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

We volunteered at this event in order to support the Brat Fry event and help Occupaws raise money so they can continue to properly train their guide dogs and provide these dogs to individuals with visual impairments free of charge. This event helps us continue to achieve our goal of benefiting the community and improving quality of life by supporting the volunteer-driven guide dog association (Occupaws) who pairs their dogs with individuals who have visual impairments.

#### iii. Organization and Administration

Parker Esswein organized the brat fry event with Occupaws and both Tau Beta Pi volunteers were able to grill, prepare, and serve the food as well as take care of Occupaws dogs throughout the brat fry. The volunteering and equal distribution of responsibilities across all members met the expectations of the original plan.

iv. **In Conjunction With**  
Occupaws

v. **Total Cost**  
\$0.0

vi. **Cost Breakdown**  
N/A

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

viii. **Overall Evaluation**

The project was able to make a direct impact on Occupaws, supporting their fundraising efforts in order to continue their mission of training and providing guide dogs to visually impaired individuals for free. As a result, the outcome of our volunteering met our goal of impacting the community and improving lives, deeming it a success. The event was a 45 min drive from campus, limiting the participation in the event. If we can participate in a brat fry that is closer to campus, we should be able to increase the amount of volunteers and thus enhance our community impact, making the event even more successful.

# 14 KLA Company Talk

## Wisconsin Alpha

### 1. Project Information

- i. Date(s): 10/18/21
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Officers	5
Members	3
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.0

### 2. Project Evaluation

- i. **General Description**

To form relationships with an international company with the interest of networking for our members.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

The event was important in developing our members and forming lasting connections with industry.
- iii. **Organization and Administration**

This event was set up and administered by our Industry Relations position and a former alum who works at KLA.
- iv. **Total Cost**

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

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

N/A

vii. **Overall Evaluation**

Worked well for our members as the event was easy to attend. It hopefully forms a lasting connection with KLA, as they will be looking at hosting another event in the coming Spring semester.

# 15 Dog Distraction Walk

## Wisconsin Alpha

### 1. Project Information

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

Category	Count
Members	6
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
1.0	2.0

### 2. Project Evaluation

#### i. General Description

Lined up along a dog walking route and performed various activities, such as opening and closing an umbrella, shaking a container of peanuts, or throwing a tennis ball, in an attempt to distract Occupaws dogs that walked along the route. This trained the dogs to ignore a variety of potential distractions that they could experience when guiding an individual with a visual impairment throughout the day. As a result, this training ensures that the dogs properly lead their companion and do not become distracted, putting the visually impaired individual in danger. Following the completion of the dog walk, we reached our hands out to pet the dogs without asking permission from their trainers. The dog raisers then prevented their dogs from moving toward us in order to be pet as well as prevented us from being able to pet the dogs, teaching the dogs that they can not move toward each person who is trying to pet them when partnered with a visually impaired individual. Dogs moving toward a hand that is reaching out to them can be very dangerous for individuals with visual impairments as they can not see the person and correct their dog before the dog is pulling them. This training further ensures that the visually impaired individual will not be put in danger.

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

We volunteered at this event in order to support Occupaws' guide dog training program and mission to provide these dogs to individuals with visual impairments free of charge. This event

helps us continue to achieve our goal of impacting and benefiting the community, helping those in need, by training guide dogs that will be paired with individuals with visual impairments in order to support them throughout their everyday activities, improving their quality of life.

iii. **Organization and Administration**

Parker Esswein organized the dog distraction walk event with Occupaws and all Tau Beta Pi volunteers were able to participate in the distraction activities and petting motion throughout the event. The volunteering and equal distribution of responsibilities across all members met the expectations of the original plan.

iv. **In Conjunction With**

Occupaws

v. **Total Cost**

\$0.0

vi. **Cost Breakdown**

N/A

vii. **Special Problems Encountered**

N/A

viii. **Overall Evaluation**

The project was able to make a direct impact on Occupaws, training their guide dogs in order to continue their mission of providing guide dogs to visually impaired individuals for free. As a result, the outcome of our volunteering met our goal of impacting the community and improving lives, deeming it a success. This event had one of the largest turnouts in terms of volunteers compared to all of the volunteering events throughout the year, allowing us to increase the community impact we were able to create through this dog distraction walk. To create an even larger impact, future distraction walks should consist of a shorter route in order to increase the time the dogs experience distractions and thus enhance the training the dogs receive during the event.

# 16 Wisconsin Science Festival

## Wisconsin Alpha

### 1. Project Information

- i. Date(s): 10/22/21
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	8
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
1.0	3.0

### 2. Project Evaluation

#### i. General Description

Set-up tables and tents in preparation for the Wisconsin Science Festival event as well as discussed the plans for the event with local restaurants that were partnered with the Wisconsin Science Festival for the night. During the event, we facilitated the overall festival as well as experiential hands-on science activities that taught the next generation about science and engineering. Some activities included running the robotics booth, discussing the importance of data collection and analysis with students, and supporting conversations between pedestrians and the festival's scientists.

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

The goal of this volunteering was to help facilitate the overall festival as well as experiential hands-on science activities that teach the next generation about science and engineering. Through the various experimental and science activities that the volunteers ran during the event, they were able to educate the younger generation about various aspects of science and engineering, building excitement in these students. We are making an impact on the community by teaching the next generation about science and engineering.

#### iii. Organization and Administration

Parker Esswein organized the event in conjunction with the Discovery Building and all eight

Tau Beta Pi volunteers performed different science-based teaching activities. The volunteering and distribution of different responsibilities across each member met the expectations of the original plan. Initially, it was anticipated that members would be partnered with each other in pairs to perform each different science-based activity, however, everyone got split up and ran their own activity. The volunteers adapted very nicely to this alteration from the initial plan and everyone did a great job with their respective activity and role.

iv. **In Conjunction With**

Discovery Building

v. **Total Cost**

\$0.0

vi. **Cost Breakdown**

N/A

vii. **Special Problems Encountered**

N/A

viii. **Overall Evaluation**

The project was able to make a direct impact on the younger generation, teaching them about science and engineering as well as building their excitement and understanding of STEM. As a result, the outcome of our volunteering met our goal of facilitating hands-on activities that teach the next generation about science and engineering, impacting the community and preparing the next generation for success in science and engineering. This event had one of the largest turnouts in terms of volunteers compared to all of the volunteering events throughout the year, allowing us to increase the community impact we were able to create through this Wisconsin Science Festival. Although we were able to make a direct impact via organizing, setting-up, and facilitating the event, the roles for each individual were not well-defined and there was down-time between the completion of the overall event set-up and the start of the festival. In the future, the roles for each volunteer need to be more clearly described and the shift consisting of the set-up should start later. It might be more beneficial for our organization to sign-up for the closing shift rather than the opening shift during the next Wisconsin Science Festival so we do not experience any gap between the organization of the festival and the running of the event after it has started, allowing us to make a continuous impact throughout the volunteering shift.

### 3. Additional Attachments

Figure 5:



Figure 6:



# 17 Netflix Movie Watch Party

## Wisconsin Alpha

### 1. Project Information

- i. Date(s): 10/25/21
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Officers	3
Members	1
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.1	1.0

### 2. Project Evaluation

- i. **General Description**

This was a group watch party of multiple "Scooby Doo" episodes. Members joined a Zoom call and joined a Netflix Watch Party to watch this movie together.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This event was intended to create friendships amongst the group members and get everyone into the spirit of Halloween.
- iii. **Organization and Administration**

This event was set up and administered by Annalise Hotchkiss. The responsibilities involved were communicating with members and setting up the Netflix Watch Party.
- iv. **Total Cost**

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

Zoom and Netflix Watch Party are both free services.
- vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

Although the participant count was not very high, this was a productive event. The members and officers were able to watch the movie in unison and was a great alternative to an in-person movie.

# 18 Fall Election Meeting

## Wisconsin Alpha

### 1. Project Information

- i. Date(s): 10/25/21
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	14
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.0

### 2. Project Evaluation

- i. **General Description**

It was expected that all members attend this event as we elected new members for initiation. During this event, each officer provides information on the upcoming events, membership requirements, and any changes in leadership. Furthermore, the event was closed by the voting on potential new members. All officers were available to field any questions from the virtual crowd.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

Encourage active membership and clear communication within the chapter leadership.
- iii. **Organization and Administration**

Each officer (Parker Esswein - Volunteer; Annalise Hotchkiss - Socials; Meghana Kalluri - Fundraising; Mike Walz - VP/Industry; Leah Chung - Social Media) produced their slide in order to inform the members about the event from their respective officer responsibility. The slides were prepped ahead of time by Marshall. Marshall and Mike went through each potential initiate in order to get a chapter vote.
- iv. **Total Cost**

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

N/A

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

Overall, we felt that the general meeting was effective at making all the necessary active membership and club events information available. Furthermore, we were successful with voting in the new round of initiates. We made use of the agree/disagree feature in Zoom to expedite the voting process. The slides were Halloween themed and "Icebreaker Breakouts" section were at the beginning of the meeting to provide an opportunity for members to interact. We found the members to be very engaged.

# 19 Volunteering Coordinator Office Hours

## Wisconsin Alpha

### 1. Project Information

- i. Date(s): 10/29/21 - 11/19/21
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Officers	2
Members	1
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.5	1.0

### 2. Project Evaluation

#### i. General Description

The Volunteer Coordinator Office Hours were a monthly event where the Volunteer Coordinator sat in a Zoom call available to all Tau Beta Pi members. Members could come in to discuss anything they wanted, seek advice, get to know Parker Esswein (Volunteer Coordinator), receive support, provide feedback on previous and upcoming volunteer events, and to give suggestions for future volunteering, communication, and office hours. Being able to have an open dialogue between the Volunteer Coordinator and members allowed friendships to form, connections to build, and chapter comradery to be promoted.

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

These Zoom Office Hours were created to improve our chapter's sense of community and sense of togetherness as well as to improve volunteering events and allow future events to be tailored toward the member's interests in order to promote participation and inclusivity. Holding Office Hours is an easy way to make connections, build friendships, and curate and promote member support. The Office Hours allowed us to make the volunteer coordinator readily available in order to to meet our mission of promoting inclusivity within our organization, enhancing chapter comradery, and establishing a community that all members can easily engage with.

iii. **Organization and Administration**

Parker Esswein organized the Office Hour events and all Tau Beta Pi members were able to participate in conversation and discussion throughout the event, leading the communication in the direction they preferred. The roles and distribution of responsibilities across all members during the event met the expectations of the original plan.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

There were enough participants to meet the project requirements.

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

Although these Office Hours were not as successful/popular as some of our other events, we believe that it is important to offer Office Hours so that members can engage with leadership as well as to promote the inclusivity, comradery, and support within the chapter. We believe that the potential benefits outweigh the time the event takes to set up/put on. For those that did attend this event, we found that we grew closer with each of them. The two Office Hours that were put on this semester were both from 7:45 am to 8:45 am, so future Office Hours should be scheduled for later in the day in order to increase the turnout and thus overall benefits for those who attend and the chapter as a whole.

# 20 Fall Initiation

## Wisconsin Alpha

### 1. Project Information

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

iv. Number of persons who participated:

Category	Count
Advisors	1
Members	8
Electees	13

v. Average number of hours per person spent:

Participating	Organizing
3.0	1.0

### 2. Project Evaluation

#### i. General Description

This in-person initiation served to induct new members into the Wisconsin-Alpha Chapter. The initiation was held in 1003 ECB and followed the initiation protocol defined by HQ. Furthermore, we utilized equipment that has been passed down from year-to-year.

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

Strengthening of chapter bonds and welcoming of new initiates.

#### iii. Organization and Administration

The tasks/roles of the initiation were split up by the officers.

#### iv. Total Cost

\$0.0

#### v. Cost Breakdown

N/A

#### vi. Special Problems Encountered

N/A

vii. **Overall Evaluation**

Overall, the in-person initiation went off without a hitch and the initiation script as provided by HQ was followed without issue. All 13 new members were initiated without issue, and all officers felt comfortable with their roles in the event!

# 21 Distinguished Alumni Talk

## Wisconsin Alpha

### 1. Project Information

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

Category	Count
Officers	3
Members	2
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

### 2. Project Evaluation

- i. **General Description**  
Attended a talk from a distinguished University of Wisconsin-Madison Alum.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**  
To make connections with industry and develop relationships with UW-Madison Alumni.
- iii. **Organization and Administration**  
The organization and administration of the event was conducted by the Industry Relations position holder prior to the event.
- iv. **Total Cost**  
\$0.0
- v. **Cost Breakdown**  
N/A
- vi. **Special Problems Encountered**  
N/A
- vii. **Overall Evaluation**  
It was a fun, easy way to get the chapter thinking about networking, professional development, and unique career paths.

# 22 November General Meeting

## Wisconsin Alpha

### 1. Project Information

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

Category	Count
Members	16
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.0

### 2. Project Evaluation

#### i. General Description

It was expected that all members attend this event. During this kickoff event, each officer provides information on the upcoming events, membership requirements, and any changes in leadership. Furthermore, each officer introduced themselves to the members. All officers were available to field any questions from the virtual crowd.

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

Encourage active membership and clear communication within the chapter leadership.

#### iii. Organization and Administration

Each officer (Parker Esswein - Volunteer; Annalise Hotchkiss - Socials; Meghana Kalluri - Fundraising; Mike Walz - VP/Industry; Leah Chung - Social Media) produced their slide in order to inform the members about the event from their respective officer responsibility. The slides were prepped ahead of time by Marshall.

#### iv. Total Cost

\$0.0

#### v. Cost Breakdown

N/A

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

Overall, we felt that the general meeting was effective at making all the necessary active membership and club events information available. The slides were Thanksgiving themed and "Ice-breaker Breakouts" section were at the beginning of the meeting to provide an opportunity for members to interact. We found the members and new initiates to be very engaged. It seems like it is best for the President to not enter the breakouts in order to allow those that drop out or come late to be able to enter the meeting/groups.

# 23 Union South Bowling

## Wisconsin Alpha

### 1. Project Information

- i. Date(s): 11/17/21
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Officers	3
Members	9
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.5	2.0

### 2. Project Evaluation

- i. **General Description**  
Reserved two bowling lanes at Union South (Student Union).
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**  
Allowed the club to let loose and get to know one another.
- iii. **Organization and Administration**  
This activity was put on by Annalise Hotchkiss through the University of Wisconsin's facilities.
- iv. **Total Cost**  
\$65.04
- v. **Cost Breakdown**  
Two bowling lanes for 2 hours including shoe rental.  
- \$19.13/hr/lane
- vi. **Special Problems Encountered**  
N/A
- vii. **Overall Evaluation**  
Overall, very fun! Great first in-person event since the pandemic. Great way to let loose!

# 24 Zooniverse Group Virtual Volunteering

## Wisconsin Alpha

### 1. Project Information

- i. Date(s): 11/18/21
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Officers	4
Members	2
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.1	1.0

### 2. Project Evaluation

#### i. General Description

Zooniverse is a people-powered research site that allows individuals to perform various projects online in order to help further research and studies. During this group virtual volunteering event, a variety of different tasks and research was performed over the course of the hour of volunteering. Some activities included identifying germinal centers within lymph nodes in breast cancer patients in order to provide insight on their prevalence in individuals with breast cancer and thus evidence supporting a connection between cancer and germinal centers, determining the wildlife available on Gunnison island to gain a better understanding of the Gunnison island ecosystem as well as Pelican behavioral characteristics, and locating different types of white blood cells within monkeys to help provide information about the health of rhesus macaque monkey health on the island of Cayo Santiago in Puerto Rico.

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

The goal of this volunteering was to aid and support in the research on Zooniverse, performing various tasks to continue to advance their studies, as well as to develop technical skills based on the research performed. This event helps us continue to achieve our mission of impacting and benefiting the community, as the research we perform can improve the quality

of life for individuals and animals, it can increase an understanding of organisms and thus how to interact with them or treat diseases associated with them, or it can improve historical documentation, providing an increased understanding of an individual's past and thus culture and identity. All of the research we perform on Zooniverse benefits and improves the community. The technical skills obtained during the research also allows us to achieve our goal of continuing to educate and develop our members' skills in order to prepare them for success after college.

iii. **Organization and Administration**

Parker Esswein organized the Zooniverse Group Virtual Volunteering event and all Tau Beta Pi volunteers were able to participate in various research activities throughout the event. The volunteering and distribution of different responsibilities across all members met the expectations of the original plan.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

N/A

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

The project was able to make an impact on the community as the research that each volunteer assisted in can improve the quality of life for individuals and animals, increase an understanding of organisms and thus how to interact with them or treat diseases associated with them, or improve historical documentation, providing an increased understanding of an individual's past and thus culture and identity. Assisting in research via Zooniverse also taught the members technical skills related to the research being performed. As a result, the outcome of our volunteering met our goal of impacting the community, improving lives, and developing the technical skills of our members, deeming it a success.

# 25 Second Harvest Food Bank

## Wisconsin Alpha

### 1. Project Information

i. Date(s): 11/19/21

ii. New/Recurring Project: New

iii. Project Areas:

Custom

Community/Liberal Culture

University/College

Profession/Engineering

Chapter/Social

Education/Professional Development

K-12 STEM

iv. Number of persons who participated:

Category	Count
Officers	1
Members	2
Electees	0

v. Average number of hours per person spent:

Participating	Organizing
1.0	3.5

### 2. Project Evaluation

#### i. General Description

All Tau Beta Pi members worked together, sorting and weighing food, sealing the food into bags, and packaging the food into boxes in order to prepare them for delivery. We were in our own room, so it was a great opportunity to not only make an impact to the community, but also to interact with and get to know Tau Beta Pi members.

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

The goal of this volunteering was to sort and package food in order to provide meals for individuals. This event helps us continue to achieve our mission of impacting and benefiting the community, as the food organization and sealing prepares meals for individuals who need them, improving their quality of life. Throughout the event, all Tau Beta Pi members were also able to interact with each other, getting to know each other. This allowed the members to build connections and enhance chapter comradery, promoting the chapter's initiative to create lasting friendships through Tau Beta Pi and establish reliable and dependable connections with all members.

#### iii. Organization and Administration

Parker Esswein organized the food bank event with Second Harvest Food Bank and all Tau

Beta Pi volunteers were able to sort and package food together throughout the event. The volunteering and equal distribution of responsibilities across all members met the expectations of the original plan.

iv. **In Conjunction With**  
Second Harvest Food Bank

v. **Total Cost**  
\$0.0

vi. **Cost Breakdown**  
There were enough members present to meet the project plan.

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

viii. **Overall Evaluation**

The project was able to make an impact on the community as the food sorting and packaging prepared meals that will be delivered to individuals who need them, improving their quality of life. The social environment present throughout the duration of the event allowed the members to interact with each other, building connections and enhancing chapter comradery. As a result, the outcome of our volunteering met our goal of impacting the community, improving lives, and establishing friendships and supportive connections across all of our members, deeming it a success.

### 3. Additional Attachments

Figure 7:



Figure 8:



# 26 River Food Pantry

## Wisconsin Alpha

### 1. Project Information

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

Category	Count
Members	1
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
1.0	2.5

### 2. Project Evaluation

- i. **General Description**

Prepared and packaged ready-to-eat meals for curbside pickup and distribution, tracked food supply throughout the shift, and cleaned the kitchen (mopped the floors and took out trash).
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

The goal of this volunteering was to prepare and package food in order to provide meals for individuals. This event helps us continue to achieve our mission of impacting and benefiting the community, as the food preparation and organization allows meals to be delivered to individuals who need them, improving their quality of life.
- iii. **Organization and Administration**

Parker Esswein organized the food bank event with the River Food Pantry and the Tau Beta Pi volunteer was able to prepare and package food throughout the event. The volunteering and distribution of responsibilities to the member met the expectations of the original plan.
- iv. **In Conjunction With**

River Food Pantry
- v. **Total Cost**

\$0.0

vi. **Cost Breakdown**

There were enough members present to meet the project plan.

vii. **Special Problems Encountered**

N/A

viii. **Overall Evaluation**

The project was able to make an impact on the community as the food organization and packaging prepared meals that will be delivered to individuals who need them, improving their quality of life. As a result, the outcome of our volunteering met our goal of impacting the community and improving lives, deeming it a success.

# 27 Escape Room

## Wisconsin Alpha

### 1. Project Information

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

Category	Count
Officers	5
Members	3
Electees	2

- v. Average number of hours per person spent:

Participating	Organizing
0.5	1.0

### 2. Project Evaluation

- i. **General Description**  
Booked a room through "EscapeThis! Madison" where members had to find clues and "escape" the room.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**  
Requires an immense amount of teamwork and time management skills.
- iii. **Organization and Administration**  
Annalise Hotchkiss organized this event through EscapeThis! Madison.
- iv. **Total Cost**  
\$327.3
- v. **Cost Breakdown**  
\$30 per guest plus sales tax
- vi. **Special Problems Encountered**  
N/A
- vii. **Overall Evaluation**  
Very fun and creative way to get the group together outside of school activities.

# 28 Zooniverse

## Wisconsin Alpha

### 1. Project Information

i. Date(s): 12/05/21 - 12/20/21

ii. New/Recurring Project: New

iii. Project Areas:

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

iv. Number of persons who participated:

Category	Count
Members	2
Electees	0

v. Average number of hours per person spent:

Participating	Organizing
0.1	1.5

### 2. Project Evaluation

#### i. General Description

Zooniverse is a people-powered research site that allows individuals to perform various projects online in order to support research and studies. During the Zooniverse virtual volunteering, a variety of different tasks and research was performed. Some activities included identifying germinal centers within lymph nodes in breast cancer patients in order to provide insight on their prevalence in individuals with breast cancer and thus evidence supporting a connection between cancer and germinal centers, determining the wildlife available on Gunnison island to gain a better understanding of the Gunnison island ecosystem as well as Pelican behavioral characteristics, classifying meteoroids falling into Earth's orbit via radio signals, and locating penguins, chicks, and eggs in arctic camera photos to help account for the penguin's population growth rate and health in the arctic as well as train AI to do the same.

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

The goal of this volunteering was to aid and support in the research on Zooniverse, performing various tasks to continue to advance their studies, as well as to develop technical skills based on the research performed. This event helps us continue to achieve our mission of impacting and benefiting the community, as the research we perform can improve the quality of life for individuals and animals, it can increase an understanding of organisms and thus

how to interact with them or treat diseases associated with them, or it can improve historical documentation, providing an increased understanding of an individual's past and thus culture and identity. All of the research we perform on Zooniverse benefits and improves the community. The technical skills obtained during the research also allows us to achieve our goal of continuing to educate and develop our members' skills in order to prepare them for success after college.

iii. **Organization and Administration**

Each member organized the Zooniverse Virtual Volunteering event on their own and they were all able to participate in various research activities throughout their participation. The volunteering and distribution of different responsibilities across all members met the expectations of the original plan.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

N/A

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

The project was able to make an impact on the community as the research that each volunteer assisted in is capable of improving the quality of life for individuals and animals, increasing an understanding of organisms and thus how to interact with them or treat diseases associated with them, or improving historical documentation, providing an increased understanding of an individual's past and thus culture and identity. Assisting in research via Zooniverse also taught the members technical skills related to the research being performed. As a result, the outcome of our volunteering met our goal of impacting the community, improving lives, and developing the technical skills of our members, deeming it a success.

# 29 Dog Distraction Walk

## Wisconsin Alpha

### 1. Project Information

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

Category	Count
Officers	3
Members	5
Electees	1

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.5

### 2. Project Evaluation

#### i. General Description

Welcomed and greeted Occupaws volunteers and their dogs at the entrance of Union South and led them to the training room. During the event, we tried to distract the dogs while they were performing the “under” command (positioning themselves under a chair with their head located at the anterior end of the chair). When visually impaired individuals sit down, they park their dog under their chair in this position, thus this training will help teach the dogs proper positioning when clients are sitting and ensure that the dogs will follow the “under” command even when distractions are present. We also trained the Occupaws dogs to walk in a straight line, avoiding other dogs and distractions, as well as how to navigate around their visually impaired partner and act when they reach a door.

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

We volunteered at this event in order to support Occupaws’ guide dog training program and mission to provide these dogs to individuals with visual impairments free of charge. This event helps us continue to achieve our goal of impacting and benefiting the community, helping those in need, by training guide dogs that will be paired with individuals with visual impairments in order to support them throughout their everyday activities, improving their quality of life.

iii. **Organization and Administration**

Parker Esswein organized the dog distraction walk event with Occupaws and all Tau Beta Pi volunteers were able to participate in the distraction and training activities throughout the event. The volunteering and equal distribution of responsibilities across all members met the expectations of the original plan.

iv. **In Conjunction With**

Occupaws

v. **Total Cost**

\$0.0

vi. **Cost Breakdown**

N/A

vii. **Special Problems Encountered**

N/A

viii. **Overall Evaluation**

The project was able to make a direct impact on Occupaws, training their guide dogs in order to continue their mission of providing guide dogs to visually impaired individuals for free. As a result, the outcome of our volunteering met our goal of impacting the community and improving lives, deeming it a success. This event had one of the largest turnouts in terms of volunteers compared to all of the volunteering events throughout the year, allowing us to increase the community impact we were able to create through this dog distraction walk volunteering event.

3. **Additional Attachments**

Figure 9:



Figure 10:



# 30 Findorff Company Talk

## Wisconsin Alpha

### 1. Project Information

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

Category	Count
Officers	3
Members	4
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.0

### 2. Project Evaluation

- i. **General Description**

To form relationships with a local construction company that has employed TBP members in the past with the interest of networking for our members.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

The event was important in developing our members and forming lasting connections with industry.
- iii. **Organization and Administration**

This event was set up and administered by our Industry Relations position and a member who worked at Findorff.
- iv. **Total Cost**

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

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

N/A

vii. **Overall Evaluation**

Worked well for our members as the event was easy to attend. It hopefully forms a lasting connection with Findorff, as they have employed TBP members in the past, and hopefully in the future.

# 31 Fall End-of-Semester Banquet

## Wisconsin Alpha

### 1. Project Information

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

Category	Count
Members	16
Electees	5

- v. Average number of hours per person spent:

Participating	Organizing
3.0	1.0

### 2. Project Evaluation

#### i. General Description

The End Of Semester Banquet is designed to be the reward for those that achieve active membership (by meeting the point requirements) and to serve as an incentive for future active membership. This virtual Banquet involved a mixture of three raffles and three events. The event kicked off with a raffle, then an event followed (this led to a raffle/event/raffle/event/raffle/event structure). During each raffle, four winners were drawn and they made their prize selection based on the prize catalog (see attached). Every person had one entry to the raffle from showing up and had increased odds based on their involvement during the semester (i.e. winning games or bringing extra people to a fundraiser). The events were a Kahoot Trivia game, a team-based Codenames competition, and Uno.

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

This event was designed to celebrate and to reward active membership within our chapter corps.

#### iii. Organization and Administration

Mike Walz established the raffle system and ran the raffle during the event. Alexa Rademacher/Meghana Kalluri produced the prize catalog to fit within a set budget. Parker Esswein/Annalise Hotchkiss/Leah Chung established the structure of the event (including which activities would be included and when the raffle would be held). Marshall Walters oversaw/hosted the event.

iv. **Total Cost**

\$200.0

v. **Cost Breakdown**

Tau Beta Pi Merch - \$170 - (2x Official Hoodies, 1 Pi Day Long Sleeve, 2 Official T-shirt, 1 Baseball Hat, 1 Knit Beanie, 1 Travel Mugs)

4x Casted Bents

e-Giftcards - \$30

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

Overall, the officer team and those that attended the event had a lot of fun! The active members/initiates seemed to be quite excited about the prizes and actively engaged in all the events. We are very proud of this event and will be running it in the future. We plan to continue to inject opportunities to win raffle tickets/entries through various events through the upcoming semester. We have been doing a good job at making the End-of-Semester banquet to be a desirable award for active membership

# 32 Spring Officer Meetings

## Wisconsin Alpha

### 1. Project Information

- i. Date(s): 01/23/22 - 05/08/22
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Chapter Upkeep
  - 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	0

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

### 2. Project Evaluation

#### i. General Description

Our chapter held biweekly officer meetings in order to ensure that the chapter would run smoothly. We started our biweekly officer meetings on January 23rd, 2022 and had our final biweekly officer meeting on May 8th, 2022. During these meetings, each officer would report on the pieces of the organization that they were responsible for and the officer team would brainstorm/collaborate on any questions that may arise from this reporting. We also used this time to theorize events and to put new events into motion.

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

These biweekly officer meetings were crucial to the smooth running of the chapter throughout this virtual semester. Thus, these meetings were important for the health of our chapter and to ensure that the members would be able to attend events. Finally, these meetings also allowed for the officer team to grow closer with one another.

#### iii. Organization and Administration

For each of these officer meetings, the President took the time to draw and to establish an agenda which encompassed all aspects of the chapter at the time of the meeting. The President was responsible for hosting and navigating the meeting.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

There was no cost associated with running these biweekly officer meetings.

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

Overall, we felt that each officer meeting added value and helped us push our chapter to be more. It is crucial that an agenda is produced ahead of time in order to allow for an efficient meeting where a lot can get done. We found that including an icebreaker at the beginning of the meeting was useful to gauge the headspace of the officers so that we can all start on the same page.

# 33 E-Bash

## Wisconsin Alpha

### 1. Project Information

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

Category	Count
Non-members	5
Members	2
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.0

### 2. Project Evaluation

#### i. General Description

Engineering Bash (E-Bash) is an annual event that gives current and incoming students an opportunity to learn about the student organizations on the engineering campus.

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

This event was helpful to spread the awareness of TBP as an opportunity on the UW-Madison campus.

#### iii. Organization and Administration

Marshall & Parker prepared a pre-established poster that held all the key info about TBP (member requirements, three pillars, and overview of chapter events) which was used to present to potential members. Marshall and Parker chatted to non-members as they approached our booth.

#### iv. In Conjunction With

UW-Madison College of Engineering

#### v. Total Cost

\$0.0

vi. **Cost Breakdown**

N/A

vii. **Special Problems Encountered**

N/A

viii. **Overall Evaluation**

We felt that the E-Bash was successful and that the one-pager of TBP information was adequate to provide people a clear understanding of what our TBP chapter stands for. Although we primarily talked with freshman and sophomores, we felt that being engaged in this event was valuable to spread the word and spread awareness of TBP as an opportunity on the UW-Madison campus.

# 34 Card Making for Children in Hospitals

## Wisconsin Alpha

### 1. Project Information

- i. Date(s): 02/06/22
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Officers	4
Members	2
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.5	1.0

### 2. Project Evaluation

#### i. General Description

Parker Esswein organized the event, obtaining multicolored construction paper, writing utensils, and scissors to enable a large variety of cards for hospitalized children to be fabricated during the event. During the activity, various cards were made, such as happy Spring and happy Easter cards, with each card consisting of decorations and uplifting messages. Following the completion of this card making event, all cards were delivered to Cards for Hospitalized Kids, who then distributed the cards children in hospitals and Ronald McDonald houses throughout the United States, such as Madison's children's hospital. These cards provided uplifting messages that were able to boost the spirits of the children who received them, bringing them hope and joy.

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

We volunteered at this event to deliver uplifting messages to children in hospitals in order to raise their spirits, encouraging them to continue to fight by reinforcing how incredible they are and providing them with hope and joy. This enabled our organization to benefit the community by improving the morale of children in hospitals, increasing their quality of life. The card making event helps us continue to achieve our goal of impacting and benefiting the community by providing hospitalized children with uplifting messages and encouragement to continue fighting and displaying their strength in order to support them throughout their everyday activities.

iii. **Organization and Administration**

Parker Esswein organized and ran the card making event with Cards for Hospitalized Kids and all Tau Beta Pi volunteers were able to participate in the card making activities throughout the event. The volunteering and equal distribution of responsibilities across all members met the expectations of the original plan.

iv. **In Conjunction With**

Cards for Hospitalized Kids

v. **Total Cost**

\$0.0

vi. **Cost Breakdown**

There were enough volunteers to perform the event and meet the project requirements.

vii. **Special Problems Encountered**

N/A

viii. **Overall Evaluation**

The project was able to make a direct impact on hospitalized children, providing them with uplifting messages that motivated them to continue to stay strong. Our organization received confirmation that the cards were delivered to hospitals and Ronald McDonald houses throughout the country and were received with happiness and joy. As a result, the outcome of our volunteering met our goal of impacting the community and improving lives, deeming it a success. This event had a relatively large turnout in terms of volunteers compared to all of the volunteering events throughout the year, allowing us to increase the community impact we were able to create through this card making volunteering event. In order to continue to improve our community impact for future card making events, a survey should be sent out to all members and the time and date that maximizes the amount of participants needs to be selected as the time to put on the event. This will enable even more volunteers to partake in the card making, further increasing the amount of cards we are able to make and thus the community impact we provide. We could also set a minimum amount of cards as a target for each volunteer to fabricate during the event to encourage a large amount of cards to be created that would also improve our outreach.

# 35 Spring Kickoff General Meeting

## Wisconsin Alpha

### 1. Project Information

- i. Date(s): 02/07/22
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	16
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.0

### 2. Project Evaluation

- i. **General Description**

It was expected that all members attend this event. During this kickoff event, each officer provides information on the upcoming events, membership requirements, and any changes in leadership. Furthermore, each officer introduced themselves to the members. All officers were available to field any questions from the virtual crowd.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

Encourage active membership and clear communication within the chapter leadership.
- iii. **Organization and Administration**

Each officer (Parker Esswein - Volunteer; Annalise Hotchkiss - Socials; Meghana Kalluri - Fundraising; Vanessa Obrycki - VP/Industry; Amber Schneider - Social Media) produced their slide in order to inform the members about the event from their respective officer responsibility. The slides were prepped ahead of time by Marshall.
- iv. **Total Cost**

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

N/A

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

Overall, we felt that the general meeting was effective at making all the necessary active membership and club events information available. The slides were Valentine's themed and "Icebreaker Breakouts" section were at the beginning of the meeting to provide an opportunity for members to interact. We found the members to be very engaged.

# 36 Dog Distraction Walk

## Wisconsin Alpha

### 1. Project Information

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

Category	Count
Officers	3
Members	5
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.5

### 2. Project Evaluation

#### i. General Description

Welcomed and greeted Occupaws volunteers and their dogs at the entrance of Union South and led them to the training room. During the event, we tried to distract the dogs while they walked around the building and training room. Any quick movement by the dog as a result of a distraction can put visually impaired individuals at risk, so this training taught the dogs to avoid all activities and individuals in their vicinity. As a result, this volunteering event promotes the dogs' ability to provide proper and safe guidance when paired with visually impaired individuals. We also trained the Occupaws dogs to walk in a straight line as well as how to correctly navigate up and down steps.

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

We volunteered at this event in order to support Occupaws' guide dog training program and mission to provide these dogs to individuals with visual impairments free of charge. This event helps us continue to achieve our goal of impacting and benefiting the community, helping those in need, by training guide dogs that will be paired with individuals with visual impairments in order to support them throughout their everyday activities, improving their quality of life.

iii. **Organization and Administration**

Parker Esswein organized the dog distraction walk event with Occupaws and all Tau Beta Pi volunteers were able to participate in the distraction and training activities throughout the event. The volunteering and equal distribution of responsibilities across all members met the expectations of the original plan.

iv. **In Conjunction With**

Occupaws

v. **Total Cost**

\$0.0

vi. **Cost Breakdown**

There were enough volunteers to perform the event and meet the project requirements.

vii. **Special Problems Encountered**

N/A

viii. **Overall Evaluation**

The project was able to make a direct impact on Occupaws, training their guide dogs in order to continue their mission of providing guide dogs to visually impaired individuals for free. As a result, the outcome of our volunteering met our goal of impacting the community and improving lives, deeming it a success. This event had one of the largest turnouts in terms of volunteers compared to all of the volunteering events throughout the year, allowing us to increase the community impact we were able to create through this dog distraction walk volunteering event.

# 37 New Initiate Info Session

## Wisconsin Alpha

### 1. Project Information

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

Category	Count
Non-members	9
Members	1
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.0

### 2. Project Evaluation

- i. **General Description**

This event was designed to introduce engineering students that received an invitation to our chapter's history, values (three pillars), typical events, member benefits, and the application process. This event was an opportunity for potential initiates to ask questions to the officers present (President).
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This event was important in the initiation process as it identified those that wanted to engage in the application process after receiving an invitation.
- iii. **Organization and Administration**

Marshall prepared the information session slides and presented it in equal parts.
- iv. **Total Cost**

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

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

N/A

vii. **Overall Evaluation**

Overall, we felt that this virtual event was effective in teaching the potential initiates all about our chapter's history, values (three pillars), typical events, member benefits, and the application process. We felt that this virtual event covered all necessary information in order to demystify our chapter/organization for an individual that is completely new.

# 38 New Initiate Info Session

## Wisconsin Alpha

### 1. Project Information

- i. Date(s): 02/17/22
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Non-members	10
Members	1
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.0

### 2. Project Evaluation

- i. **General Description**

This event was designed to introduce engineering students that received an invitation to our chapter's history, values (three pillars), typical events, member benefits, and the application process. This event was an opportunity for potential initiates to ask questions to the officers present (President).
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This event was important in the initiation process as it identified those that wanted to engage in the application process after receiving an invitation.
- iii. **Organization and Administration**

Marshall prepared the information session slides and presented it in equal parts.
- iv. **Total Cost**

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

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

N/A

vii. **Overall Evaluation**

Overall, we felt that this virtual event was effective in teaching the potential initiates all about our chapter's history, values (three pillars), typical events, member benefits, and the application process. We felt that this virtual event covered all necessary information in order to demystify our chapter/organization for an individual that is completely new.

# 39 Volunteering Coordinator Office Hours

## Wisconsin Alpha

### 1. Project Information

- i. Date(s): 02/18/22
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Officers	3
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.5	1.0

### 2. Project Evaluation

#### i. General Description

The Volunteer Coordinator Office Hours were a monthly event where the Volunteer Coordinator sat in a Zoom call available to all Tau Beta Pi members. Members could come in to discuss anything they wanted, seek advice, get to know Parker Esswein (Volunteer Coordinator), receive support, provide feedback on previous and upcoming volunteer events, and to give suggestions for future volunteering, communication, and office hours. Being able to have an open dialogue between the Volunteer Coordinator and members allowed friendships to form, connections to build, and chapter comradery to be promoted.

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

These Zoom Office Hours were created to improve our chapter's sense of community and sense of togetherness as well as to improve volunteering events and allow future events to be tailored toward the member's interests in order to promote participation and inclusivity. Holding Office Hours is an easy way to make connections, build friendships, and curate and promote member support. The Office Hours allowed us to make the volunteer coordinator readily available in order to to meet our mission of promoting inclusivity within our organization, enhancing chapter comradery, and establishing a community that all members can easily engage with.

iii. **Organization and Administration**

Parker Esswein organized the Office Hour events and all Tau Beta Pi members were able to participate in conversation and discussion throughout the event, leading the communication in the direction they preferred. The roles and distribution of responsibilities across all members during the event met the expectations of the original plan.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

There were enough participants to meet the project requirements.

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

Although these Office Hours were not as successful/popular as some of our other events, we believe that it is important to offer Office Hours so that members can engage with leadership as well as to promote the inclusivity, comradery, and support within the chapter. We believe that the potential benefits outweigh the time the event takes to set up/put on. For those that did attend this event, we found that we grew closer with each of them. This Office Hour session was put on from 10:15 am to 11:15 am on a Friday morning, so future Office Hours should be scheduled for the afternoon or evening as well as on a different day in order to increase the turnout and thus overall benefits for those who attend and the chapter as a whole.

# 40 Board Games @ RollPlay

## Wisconsin Alpha

### 1. Project Information

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

Category	Count
Members	4
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.5	1.0

### 2. Project Evaluation

- i. **General Description**

RollPlay is a local business on State St. within Madison, WI. They offer unique food options as well as have a large swath of board games to choose from. A group of member went to reserve a table and then played various board games for the duration of the event. The group also ate lunch together, which allowed everyone to chat and get to know one another.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

Acts to strengthen the bonds between members and to improve chapter cohesion.
- iii. **Organization and Administration**

There was very little required in terms of organization/set-up for this event. Our social coordinator, Annalise, called RollPlay ahead of time to make a reservation.
- iv. **Total Cost**

\$24.26
- v. **Cost Breakdown**

This was the final cost of board games for all four members to participate.
- vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

The members seemed to have a really enjoyable experience through this event. It was specifically noted that the large selection of board games coupled with the unique menu were reasons alone to put this event on again. Furthermore, although the group was in the throws of board games, they felt that they had an opportunity to get to know the other members that came. Overall, we would like to put this type of event on again.

# 41 Fogarty Faculty Talk

## Wisconsin Alpha

### 1. Project Information

- i. Date(s): 02/20/22
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	8
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

### 2. Project Evaluation

- i. **General Description**

This event was one of the monthly Tau Bate Talks where a Tau Bate alumni, Julie Fogarty talks about her work in drug development at Gilead Sciences.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This event relates to the objectives of Tau Beta Pi because it helps with understanding engineering and how it impacts drug discovery and development. It is a good way for members to see the applications of engineering particularly involving biomedical and chemical engineering.
- iii. **Organization and Administration**

This was a Tau Bate Talk featuring a research scientist at Gilead Sciences, Inc
- iv. **Total Cost**

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

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

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

The event went well and there was a lot of people on the call (from our chapter and others) and a lot of information shared by Julie.

# 42 TBP Study Rooms

## Wisconsin Alpha

### 1. Project Information

- i. Date(s): 02/23/22 - 04/25/22
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Officers	4
Members	6
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.5	3.0

### 2. Project Evaluation

#### i. General Description

A conference room in the engineering building was reserved almost every other Wednesday (4 events total) for a few hours during the school day where members/electees could meet up to do work while also being social. Members could come and go as they pleased depending on their schedule.

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

As engineering students, we are all very busy during the week, so this event allowed members to continue doing their work while also being active within the TBP community. Considering we have all be virtual for the past year, it was very nice way to start meeting other members in a casual environment.

#### iii. Organization and Administration

This event was planned and hosted by Annalise.

#### iv. Total Cost

\$0.0

#### v. Cost Breakdown

N/A

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

Overall, this event went very well and was flexible with members' schedules. We believe that this event was also very helpful in re-introducing member in-person.

# 43 Officer Election Meeting

## Wisconsin Alpha

### 1. Project Information

- i. Date(s): 03/07/22
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	22
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.0

### 2. Project Evaluation

- i. **General Description**

This event was designed to be a space for interested members to present a slide about themselves and to run for an officer position. Voting took place after the event via a Google Poll.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This was designed to improve officer turnover and to allow the chapter to continue with new leadership.
- iii. **Organization and Administration**

Prior to this event, emails were sent out to all members to find those interested in running for each position and then they were tasked with creating their own slide. The event was handled with the current President going through each position and having each interested candidate have the floor for five minutes. This continued until there were not any candidates left.
- iv. **Total Cost**

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

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

N/A

vii. **Overall Evaluation**

This was very successful. We were left with a completely filled officer team and each candidate was engaged in their presentation to the chapter. This type of officer election was is critical to enable an earlier officer election to allow for a significant amount of time for officer transitions.

# 44 OccuPaws Fundraiser

## Wisconsin Alpha

### 1. Project Information

- i. Date(s): 03/08/22
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	2
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.5	1.0

### 2. Project Evaluation

#### i. General Description

Parker Esswein (Volunteer Coordinator) worked with the OccuPaws Volunteer Coordinator in order to define the logistics and requirements for the Culver's based fundraiser. During the event, members purchased food, drinks, and custard and 10% of all of their sales went toward OccuPaws. As a result, all funds raised support their guide dog training program, allowing them to continue to train dogs that will be provided for free to individuals with visual impairments in Dane County!

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

We volunteered at this event to help OccuPaws raise money so they can continue to properly train their guide dogs and provide these dogs to individuals with visual impairments free of charge. This event helps us continue to achieve our goal of impacting and benefiting the community via helping those in need and improving quality of life by supporting the volunteer-driven guide dog association (OccuPaws) who pairs their dogs with individuals who have visual impairments.

#### iii. Organization and Administration

Parker Esswein organized the fundraising event with OccuPaws, establishing the location for the Culver's participating in the fundraiser, hours of fundraising, and the purchase requirements

to enable OccuPaws to earn funding from the sales. Both Tau Beta Pi volunteers were able to purchase food, drinks, and custard in order to contribute to the fundraiser. The volunteering and individual participation across all members met the expectations of the original plan.

iv. **In Conjunction With**

Occupaws

v. **Total Cost**

\$0.0

vi. **Cost Breakdown**

There were enough volunteers to perform the event and meet the project requirements.

vii. **Special Problems Encountered**

N/A

viii. **Overall Evaluation**

The project was able to make a direct impact on OccuPaws, supporting their fundraising efforts in order to continue their mission of training and providing guide dogs to visually impaired individuals for free. As a result, the outcome of our volunteering met our goal of impacting the community and improving lives, deeming it a success. The event was a 30 min drive from campus, limiting the participation in the event. If we can participate in a fundraiser that is closer to campus, we should be able to increase the amount of volunteers and thus enhance our community impact, making the event even more successful.

# 45 Pi Day

## Wisconsin Alpha

### 1. Project Information

- i. Date(s): 03/09/22
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Officers	4
Members	4
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
1.5	2.0

### 2. Project Evaluation

- i. **General Description**

Study Room dedicated to celebrating (early) Pi Day. Members/electees were welcome to come study, enjoy pie, and mingle.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

As engineering students, we are all very busy during the week, so this event allowed members to continue doing their work while also being social and celebrate pi day!
- iii. **Organization and Administration**

This event was planned and hosted by Annalise.
- iv. **Total Cost**

\$76.0
- v. **Cost Breakdown**

\$19 per pie; 4 pies total
- vi. **Special Problems Encountered**

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

This was a fun event - everyone wore TBP gear and we were featured on National's instagram Pi Day feature!

# 46 Pregnancy Helpline Childcare Helper

## Wisconsin Alpha

### 1. Project Information

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

Category	Count
Officers	1
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
1.0	4.0

### 2. Project Evaluation

#### i. General Description

Parker Esswein organized the event, coordinating shift specifics and duties with the Pregnancy Helpline and the TBP volunteer. During the opportunity, the TBP officer interacted with children that were at the center, keeping them occupied as their guardians went through the building. Various interactive activities performed by the volunteer included reading to the children, playing with them, and supervising them while they played with the available toys. This event enabled TBP to take care of children while their guardians received necessary baby materials, such as diapers and toys, eliminating any concern of shopping with children and thus benefiting the guardians and their babies who are in need of the items by improving their quality of life.

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

We volunteered at this event to interact with and take care of children, enabling their guardians to receive necessary materials for the kids and thus improve their quality of life. This promoted the Pregnancy Helpline's mission of supporting families and guardians with newborn babies or with incoming children as the childcare volunteering enhanced the Pregnancy Helpline's ability to help the guardians and their kids. This enabled our organization to impact the community by interacting with children to allow their guardians to receive necessary materials that improved their quality of life. Taking care of children to help encourage their guardians reception of items

that will improve their quality of life displays the chapter's commitment to achieving the goal of benefiting the community.

iii. **Organization and Administration**

Parker Esswein organized and coordinated the Childcare Helper event with the Pregnancy Helpline and the Tau Beta Pi volunteer was able to participate in the guidance activities throughout the event. The volunteering and distribution of responsibilities for the participant met the expectations of the original plan.

iv. **In Conjunction With**

Pregnancy Helpline Sharing and Donation Center

v. **Total Cost**

\$0.0

vi. **Cost Breakdown**

There were enough volunteers to perform the event and meet the project requirements.

vii. **Special Problems Encountered**

N/A

viii. **Overall Evaluation**

The project was able to make a direct impact on families and guardians with newborns, young children, or incoming babies as the volunteers interacted with kids, enabling their guardians to obtain materials for the children, such as diapers, toys, and clothes, that improved their quality of life. As a result, the outcome of our volunteering met our goal of impacting and benefiting the community as well as improving lives, deeming it a success. Unfortunately, this event had only one volunteer participate, reducing its impact. This opportunity took place on the first Saturday of spring break, contributing to the limited member participation. As a result, in order to improve our community impact for future Pregnancy Helpline events, the volunteering needs to be scheduled at a time that does not overlap with academic breaks and holidays. A survey should also be sent out to all members and the time and date that maximizes the amount of participants needs to be selected as the time to put on the event. This will enable more volunteers to partake in the opportunity, increasing the community impact we provide. The volunteering involved interacting with children that ranged from a couple of months old to teenagers. This may have also reduced the amount of participants due to a concern with the responsibility involved with taking care of newborn babies. To encourage more volunteers in upcoming Pregnancy Helpline events and thus improve our outreach, we should register for the welcome, diaper bundling, or donation sorting role, as these positions do not contain the concerns associated taking care of children.

# 47 March Madness Bracket

## Wisconsin Alpha

### 1. Project Information

- i. Date(s): 03/14/22 - 04/04/22
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Officers	5
Members	6
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.5	1.0

### 2. Project Evaluation

- i. **General Description**  
March Madness bracket among members.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**  
Way for members to connect socially through friendly competition.
- iii. **Organization and Administration**  
This event was organized by Parker Esswein.
- iv. **Total Cost**  
\$0.0
- v. **Cost Breakdown**  
N/A
- vi. **Special Problems Encountered**  
N/A
- vii. **Overall Evaluation**  
This was very popular among members. Highly recommend continuing this in the future.

# 48 Bracketology Faculty Talk

## Wisconsin Alpha

### 1. Project Information

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

Category	Count
Members	6
Electees	2

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

### 2. Project Evaluation

- i. **General Description**
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**
- iii. **Organization and Administration**
- iv. **Total Cost**  
\$0.0
- v. **Cost Breakdown**
- vi. **Special Problems Encountered**
- vii. **Overall Evaluation**

# 49 Bracketology Faculty Talk

## Wisconsin Alpha

### 1. Project Information

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

Category	Count
Members	8
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

### 2. Project Evaluation

- i. **General Description**

This event was one of the monthly Tau Bate Talks where a Tau Bate alumni, Lauren Albert, explained in simple language what bracketology is and how mathematical models can be used to predict the rankings.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This event relates to the objectives of Tau Beta Pi because it was a professional and educational development event where Professor Albert shared what she had been working on and educated people able the statistics behind something like bracketology.
- iii. **Organization and Administration**

The event was part of a series of Tau Bate Talks and Laura Albert is an Industrial and Systems Engineering Professor at UW-Madison and a former TBP advisor.
- iv. **Total Cost**

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

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

N/A

vii. **Overall Evaluation**

The event went well because it helped people understand one field of work that industrial engineers could go into. Quite a few of our members came and a lot of information shared by Professor Albert. No changes could have been made to improve the event because our chapter was not in charge of running it, we simply attended that talk.

# 50 David Kern TBP Talk

## Wisconsin Alpha

### 1. Project Information

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

Category	Count
Members	1
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

### 2. Project Evaluation

- i. **General Description**

This event was one of the monthly Tau Bate Talks where a Tau Bate alumni, David Kern, explained in simple language what flight tests are and how they are crucial in keeping safe, low-risk flights.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This event relates to the objectives of Tau Beta Pi because it was a professional and educational development event where David Kern shared what he had been working on and educated people about flight tests because he is a flight test pilot for the Aircraft Certification Service with the FAA.
- iii. **Organization and Administration**

The event was part of a series of Tau Bate Talks and David Kern is a flight test pilot.
- iv. **Total Cost**

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

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

N/A

vii. **Overall Evaluation**

The event went well because it helped people understand one field of work that engineers could go into. No changes could have been made to improve the event because our chapter was not in charge of running it, we simply attended that talk. Perhaps more advertising could have been done so more of our members would come. I don't think a lot of members are interested in this field of work, however, so that may have been the reason for the low attendance.

# 51 Zooniverse Group Virtual Volunteering

## Wisconsin Alpha

### 1. Project Information

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

Category	Count
Officers	2
Members	3
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.1	1.0

### 2. Project Evaluation

#### i. General Description

Zooniverse is a people-powered research site that allows individuals to perform various projects online in order to help further research and studies. During this group virtual volunteering event, a variety of different tasks and research was performed over the course of the hour of volunteering. Some activities included identifying germinal centers within lymph nodes in breast cancer patients in order to provide insight on their prevalence in individuals with breast cancer and thus evidence supporting a connection between cancer and germinal centers, establishing and characterizing fat droplets within breast tumor cells to increase an understanding of the role lipids play within breast cancer and the biological mechanism of breast cancer, counting penguins, chicks, and eggs to help develop an understanding of their behaviors, interactions, and environment as well as the various animals that are present within their ecosystem and their specific activities and roles, and locating different types of white blood cells within monkeys to help provide information about the health of rhesus macaque monkeys on the island of Cayo Santiago in Puerto Rico.

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

The goal of this volunteering was to aid and support in the research on Zooniverse, performing

various tasks to continue to advance their studies, as well as to develop technical skills based on the research performed. This event helps us continue to achieve our mission of impacting and benefiting the community, as the research we perform can improve the quality of life for individuals and animals, it can increase an understanding of organisms and thus how to interact with them or treat diseases associated with them, or it can enhance historical documentation, providing an increased understanding of an individual's past and thus culture and identity. All of the research we perform on Zooniverse benefits and improves the community. The technical skills obtained during the research also allows us to achieve our goal of continuing to educate our members and develop their skills in order to prepare them for success after college.

iii. **Organization and Administration**

Parker Esswein organized the Zooniverse Group Virtual Volunteering event and all Tau Beta Pi volunteers were able to participate in various research activities throughout the event. The volunteering and distribution of different responsibilities across all members met the expectations of the original plan.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

There were enough volunteers to perform the event and meet the project requirements.

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

The project was able to make an impact on the community as the research that each volunteer assisted in can improve the quality of life for individuals and animals, increase an understanding of organisms and thus how to interact with them or treat diseases associated with them, or enhance historical documentation, providing an increased understanding of an individual's past and thus culture and identity. Assisting in research via Zooniverse also taught the members technical skills related to the research being performed. As a result, the outcome of our volunteering met our goal of impacting the community, improving lives, and developing the technical skills of our members, deeming it a success.

# 52 ECE Talk - Professor Vijay Vittal

## Wisconsin Alpha

### 1. Project Information

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

Category	Count
Members	1
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

### 2. Project Evaluation

#### i. General Description

This event was a talk held by the Department of Electrical and Computer Engineering at the University of Wisconsin - Madison where Professor Vijay Vittal from Arizona State University talked about Interdependent electric and water infrastructure modeling, optimization, and control.

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

This event relates to the objectives of Tau Beta Pi because it was a professional and educational development event where Professor Vijay Vittal shared what he had been working on and educated people about the interdependencies between the electric power system and the water distribution system.

#### iii. Organization and Administration

The event was part of a series of distinguished speaker talks held by the Department of Electrical and Computer Engineering at the University of Wisconsin - Madison and Professor Vijay Vittal was chosen to speak on electricity and water.

#### iv. Total Cost

\$0.0

v. **Cost Breakdown**

N/A

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

The event went well because it helped people understand one field of work that electrical engineers can explore. No changes could have been made to improve the event because our chapter was not in charge of running it, we simply attended that talk that was run by the university.

# 53 Second Harvest Food Bank

## Wisconsin Alpha

### 1. Project Information

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

Category	Count
Members	5
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
1.0	3.5

### 2. Project Evaluation

#### i. General Description

All Tau Beta Pi members worked together, sorting and weighing potatoes and frozen goods, sealing the food into bags, and packaging the food into boxes in order to prepare them for delivery. We were able to sort and package over 1200 pounds of potatoes in only three hours! As the volunteers were working together throughout the event, it was a great opportunity to not only make an impact to the community, but also to interact with and get to know Tau Beta Pi members.

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

The goal of this volunteering was to sort and package food in order to provide meals for individuals. This event helps us continue to achieve our mission of impacting and benefiting the community, as the food organization and sealing prepares meals for individuals who need them, improving their quality of life. Throughout the event, Tau Beta Pi members were also able to interact with each other, getting to know each other. This allowed the members to build connections and enhance chapter comradery, promoting the chapter's initiative to create lasting friendships through Tau Beta Pi and establish reliable and dependable connections with all members.

iii. **Organization and Administration**

Parker Esswein organized the food bank event with Second Harvest Food Bank and all Tau Beta Pi volunteers were able to sort and package food together throughout the event. The volunteering and distribution of responsibilities across all members met the expectations of the original plan.

iv. **In Conjunction With**

Second Harvest Food Bank

v. **Total Cost**

\$0.0

vi. **Cost Breakdown**

There were enough members present to meet the project plan.

vii. **Special Problems Encountered**

N/A

viii. **Overall Evaluation**

The project was able to make an impact on the community as the food sorting and packaging prepared meals that will be delivered to individuals who need them, improving their quality of life. The social environment present throughout the duration of the event allowed the members to interact with each other, building connections and enhancing chapter comradery. As a result, the outcome of our volunteering met our goal of impacting the community, improving lives, and establishing friendships and supportive connections across all of our members, deeming it a success.

# 54 Spring Election Meeting

## Wisconsin Alpha

### 1. Project Information

- i. Date(s): 03/28/22
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	20
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.0

### 2. Project Evaluation

- i. **General Description**

It was expected that all members attend this event as we elected new members for initiation. During this event, each officer provides information on the upcoming events, membership requirements, and any changes in leadership. Furthermore, the event was closed by the voting on potential new members. All officers were available to field any questions from the virtual crowd.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

Encourage active membership and clear communication within the chapter leadership.
- iii. **Organization and Administration**

Each officer (Parker Esswein - Volunteer; Annalise Hotchkiss - Socials; Meghana Kalluri - Fundraising; Vanessa Obrycki - VP/Industry; Amber Schneider - Social Media) produced their slide in order to inform the members about the event from their respective officer responsibility. The slides were prepped ahead of time by Marshall. Marshall and Mike went through each potential initiate in order to get a chapter vote.
- iv. **Total Cost**

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

N/A

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

Overall, we felt that the general meeting was effective at making all the necessary active membership and club events information available. Furthermore, we were successful with voting in the new round of initiates. We made use of the agree/disagree feature in Zoom to expedite the voting process. The slides were St Patty's Day themed and "Icebreaker Breakouts" section were at the beginning of the meeting to provide an opportunity for members to interact. We found the members to be very engaged.

# 55 Volunteering Coordinator Office Hours

## Wisconsin Alpha

### 1. Project Information

- i. Date(s): 03/30/22
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Officers	1
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.5	1.0

### 2. Project Evaluation

#### i. General Description

The Volunteer Coordinator Office Hours were a monthly event where the Volunteer Coordinator sat in a Zoom call available to all Tau Beta Pi members. Members could come in to discuss anything they wanted, seek advice, get to know Parker Esswein (Volunteer Coordinator), receive support, provide feedback on previous and upcoming volunteer events, and to give suggestions for future volunteering, communication, and office hours. Being able to have an open dialogue between the Volunteer Coordinator and members allowed friendships to form, connections to build, and chapter comradery to be promoted.

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

These Zoom Office Hours were created to improve our chapter's sense of community and sense of togetherness as well as to improve volunteering events and allow future events to be tailored toward the member's interests in order to promote participation and inclusivity. Holding Office Hours is an easy way to make connections, build friendships, and curate and promote member support. The Office Hours allowed us to make the volunteer coordinator readily available in order to to meet our mission of promoting inclusivity within our organization, enhancing chapter comradery, and establishing a community that all members can easily engage with.

iii. **Organization and Administration**

Parker Esswein organized the Office Hour events and all Tau Beta Pi members were able to participate in conversation and discussion throughout the event, leading the communication in the direction they preferred. The roles and distribution of responsibilities across all members during the event met the expectations of the original plan.

iv. **Total Cost**

\$0.0

v. **Cost Breakdown**

There were not enough participants to meet the project requirements as no members attended the office hours.

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

Although these Office Hours were not as successful/popular as some of our other events, we believe that it is important to offer Office Hours so that members can engage with leadership as well as to promote the inclusivity, comradery, and support within the chapter. We believe that the potential benefits outweigh the time the event takes to set up/put on. Although this Office Hour session was put on later in the day (4:15 pm - 5:15 pm), the Volunteer Coordinator was the only individual in attendance for the entire Office Hour. As a result, member interest and availability needs to be established prior to putting on future Office Hours to ensure that members will attend these events and thus benefit the members and the chapter as a whole.

# 56 BMES Med School Panel

## Wisconsin Alpha

### 1. Project Information

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

Category	Count
Members	2
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

### 2. Project Evaluation

#### i. General Description

This event was one of the biweekly meetings hosted by the Biomedical Engineering Society (BMES) at the University of Wisconsin - Madison. The event was a med school panel where some admissions officers as well as students in the MD and the MD/PhD program spoke about their experiences. Many people asked questions and after the panel was over, the panelists stayed to answer individual questions.

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

This event relates to the objectives of Tau Beta Pi because it was a professional and educational development event where the panelists educated people about how the admissions process works, what med school is like and how to succeed.

#### iii. Organization and Administration

The event was part of the biomedical engineering society biweekly industry events at the University of Wisconsin - Madison.

#### iv. Total Cost

\$0.0

v. **Cost Breakdown**

N/A

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

The event went well because it helped people understand how the process of applying to medical school works and what to expect there. No changes could have been made to improve the event because our chapter was not in charge of running it, we simply attended that panel that was held by the biomedical engineering society.

# 57 UW-Arboretum Restoration Project

## Wisconsin Alpha

### 1. Project Information

- i. Date(s): 04/09/22
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Officers	1
Members	3
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.5	3.0

### 2. Project Evaluation

#### i. General Description

Parker Esswein organized and coordinated the restoration project with the UW-Arboretum leading up to the event. During the volunteering, the TBP members cleared shrubs from the prairie within the UW-Arboretum in order to maintain a balanced ecosystem. Invasive shrubs, such as honeysuckle, and native vegetation were removed from the prairie in order to retain proper levels and proportions of the natural shrubs. Animal interactions with the natural environment and fire usage are limited, so there is a minimal reduction in the vegetation levels through these mechanisms. As a result, manual clearing of the shrubs is critical for the up-keep of a proper ecosystem within the UW-Arboretum. All of the wooded shrubbery removed from the volunteering will be turned into mulch and reused throughout the Arboretum. Throughout the event, the UW-Arboretum project leaders taught the TBP members about the Arboretum's history as well as the impact oak trees, maple leaves, and honeysuckles have on the Arboretum's ecosystem.

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

We volunteered at this event in order to support the UW-Arboretum's mission to restore and maintain their vegetation and thus their ecosystem. Clearing shrubs in order to enable proper

levels and proportions of natural vegetation contributed to the maintenance of a balanced ecosystem within the UW-Arboretum. This event helps us continue to achieve our goal of impacting and benefiting the community as the restoration of the Arboretum's environment promoted the health of the prairie and thus improved quality of life as a healthier ecosystem creates a more stable environment that encourages human welfare. The lessons about the UW-Arboretum and the impact wildlife has on the health of an ecosystem taught the TBP members valuable information related to ecological engineering, developing their professional and engineering skills. This is in accordance with TBP's goal to continuously expand and improve the knowledge and skills of its members in order to prepare them for success following graduation.

iii. **Organization and Administration**

Parker Esswein organized and coordinated the restoration project with the UW-Arboretum and all Tau Beta Pi volunteers were able to participate in the restoration activities throughout the event. The volunteering and equal distribution of responsibilities across all members met the expectations of the original plan.

iv. **In Conjunction With**

UW-Arboretum

v. **Total Cost**

\$0.0

vi. **Cost Breakdown**

There were enough volunteers to perform the event and meet the project requirements.

vii. **Special Problems Encountered**

The UW-Arboretum restoration project event was initially scheduled for Saturday, April 2nd. As the volunteering consisted of clearing shrubs from the Arboretum's prairie, it needed to be outdoors for the entire duration of the event. Due to inclement weather (snow), this event had to be canceled. Luckily, the UW-Arboretum had a spot open for TBP on the following Saturday (04/09), so we were able to reschedule the event.

viii. **Overall Evaluation**

The project was able to make a direct impact on the UW-Arboretum by restoring the balance within their prairie ecosystem, enabling proper functioning of the UW-Arboretum environment and thus its beneficial impact on the local Madison community. As a result, the outcome of our volunteering met our goal of impacting the community and improving lives, deeming it a success. The restoration project also provided the volunteers with valuable knowledge related to the UW-Arboretum and the ecosystem, expanding their ecological engineering conversance and developing their professional skills. This contributes to increasing and improving the capabilities of the participants and helps make the chapter's members well-rounded individuals prepared for success in all facets of engineering and human health. These experiences will thus enable the members to contribute to benefiting others through their careers. This opportunity had a decent turnout in terms of volunteers compared to all of the volunteering events throughout the year, however, some volunteers were lost following the rescheduling of the restoration project, ultimately reducing the impact the event made. Ideally, future UW-Arboretum restoration projects will not have to be rescheduled, taking place on the originally planned date, enabling more volunteers to participate in the event and thus resulting in a larger community impact.

# 58 Spring Initiation

## Wisconsin Alpha

### 1. Project Information

- i. Date(s): 04/10/22
- ii. New/Recurring Project: Recurring
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Advisors	1
Members	6
Electees	9

- v. Average number of hours per person spent:

Participating	Organizing
3.0	1.0

### 2. Project Evaluation

- i. **General Description**

This in-person initiation served to induct new members into the Wisconsin-Alpha Chapter. The initiation was held in 1003 ECB and followed the initiation protocol defined by HQ. Furthermore, we utilized equipment that has been passed down from year-to-year.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

Strengthening of chapter bonds and welcoming of new initiates.
- iii. **Organization and Administration**

The tasks/roles of the initiation were split up by the officers.
- iv. **Total Cost**

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

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

N/A

vii. **Overall Evaluation**

Overall, the in-person initiation went off without a hitch and the initiation script as provided by HQ was followed without issue. All 9 new members were initiated without issue, and all officers felt comfortable with their roles in the event!

# 59 Tau Bate Talk with Dr. Aprille Ericsson of NASA

## Wisconsin Alpha

**1. Project Information**

- i. Date(s): 04/10/22
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM

iv. Number of persons who participated:

Category	Count
Members	1
Electees	0

v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

**2. Project Evaluation**

**i. General Description**

This event was one of the monthly Tau Bate Talks where a Tau Bate industry speaker, Dr. Aprille Ericsson, explained her experience with NASA. The event took place over zoom and included a presentation followed by questions.

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

This event relates to the objectives of Tau Beta Pi because it was a professional and educational development event where Dr. Ericsson shared her story with NASA.

**iii. Organization and Administration**

The event was part of a series of Tau Bate Talks so it was organized by Tau Beta Pi Administration.

**iv. Total Cost**

\$0.0

**v. Cost Breakdown**

N/A

**vi. Special Problems Encountered**

N/A

vii. **Overall Evaluation**

The event went well because it helped people learn more about NASA and Dr. Ericsson's experience. No changes could have been made to improve the event because our chapter was not in charge of running it, we simply attended that talk.

# 60 Science Expedition

## Wisconsin Alpha

### 1. Project Information

- i. Date(s): 04/10/22
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	1
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.5	2.0

### 2. Project Evaluation

#### i. General Description

Parker Esswein helped organized the event with Dr. Lokuta and the Health Science Learning Center, coordinating the specifics and logistics associated with the set-up shift for the Madison Science Expedition. During the volunteering, the TBP member set-up tables, booths, and exhibits in order to prepare presentation and exploration stations for the event. This enabled the various booths and exhibits to be prepared for the start of the Science Exhibition and thus allowed for a successful interactive event where students received hands-on, experiential engineering and science experiences that fostered excitement in them. The event prepared the next generation of STEM students for success.

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

The goal of this volunteering was to help set-up the overall festival in order to prepare and display experiential hands-on science activities and presentations that teach the next generation about science and engineering. Through setting-up a large variety of presentation and science exploration stations, TBP was able to help prepare interactive exhibits, contributing to an effective Science Exhibition that built excitement in students in relation to STEM. Assembling and setting-up presentation and exploration exhibits that allowed students to obtain science and engineering conversance enabled TBP to continue to follow the initiative of making an impact on the community by teaching the next generation of engineering students in order to generate joy and intrigue within them and prepare them for success.

iii. **Organization and Administration**

Parker Esswein organized and coordinated the event in conjunction with Dr. Lokuta and the Health Science Learning Center. The Tau Beta Pi volunteer set-up presentation and science-based teaching activities. The volunteering and distribution of set-up responsibilities for the participant met the expectations of the original plan.

iv. **In Conjunction With**

Health Science Learning Center

v. **Total Cost**

\$0.0

vi. **Cost Breakdown**

There were enough volunteers to perform the event and meet the project requirements.

vii. **Special Problems Encountered**

N/A

viii. **Overall Evaluation**

The project was able to make an impact on the younger generation as the presentation and exploration station set-up enabled the next generation of students to learn about science and engineering throughout the entirety of the Science Expedition, building their excitement and understanding of STEM. As a result, the outcome of our volunteering met our goal of encouraging and utilizing hands-on activities that teach the next generation about science and engineering, impacting the community and preparing the next generation for success in science and engineering. This event had one volunteer, mitigating the community impact we were able to create through this Science Expedition. We had three other big volunteering and engineering outreach events scheduled throughout the rest of April, so the large participation in these other events came at the cost of this opportunity. As a result, we need to try to distribute our volunteering opportunities more evenly across the semester in order to maximize the amount of members at each community service event and thus increase our impact on campus and within the local area.

# 61 Plexus Industry Event

## Wisconsin Alpha

### 1. Project Information

- i. Date(s): 04/14/22
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	1
Electees	1

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

### 2. Project Evaluation

#### i. General Description

This event is an industry event that the Industry Relations Coordinator of the WI A TBP chapter organized for the members. It was a zoom call with two employees of Plexus where they gave a presentation about the things that Plexus does, what they do for the company and what positions that typically have available for interns and full time employees. Plexus hires people from almost all of the engineering disciplines so it would be applicable to all members.

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

This event relates to the objectives of Tau Beta Pi because it was a professional development event where the company Plexus came in to talk about their opportunities with the members.

#### iii. Organization and Administration

The responsibilities of those involved in the project included emailing and coordinating a time with the employees of Plexus for this event.

#### iv. Total Cost

\$0.0

#### v. Cost Breakdown

N/A

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

The event went well because it helped members understand what opportunities are out there in the field of engineering. One thing that did not go well was the fact that only one member outside of the Industry Relations Officer showed up. Even though this event was advertised multiple times and reminders were sent out, not many members attended. This could have been due to the fact that Plexus needed the meeting to be from 4-5 p.m. and some members have classes at that time.

# 62 TBP Blood Drive

## Wisconsin Alpha

### 1. Project Information

- i. Date(s): 04/15/22
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Officers	3
Members	6
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
4.0	1.0

### 2. Project Evaluation

#### i. General Description

Parker Esswein organized, coordinated, and ran the blood drive, receiving assistance from Marshall Walters and Amber Schneider. Leading up to the blood drive, TBP members advertised the opportunity in order to obtain blood donors for the drive. During the event, TBP members facilitated the drive by working the check-in table as well as running the canteen area. Volunteers welcomed blood donors, verifying individuals within the donation system, and provided each participant with food following their donation. TBP members also contributed to the drive by donating blood. As a result of the relentless advertising efforts leading up to the event, the blood drive was able to receive over 40 blood donors. This blood was sent to local hospitals in critical need of blood and has the potential to save up to 81 lives! This volunteering event thus significantly benefited the community by saving the lives or improving the quality of life of those who received the blood units.

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

We volunteered at this event as there are persistent blood shortages across the country and thus blood is in high demand. The blood drive was organized and run by TBP to support local hospitals in critical need of blood in order to save lives. Receiving over 40 blood donors and thus having the potential to save up to 81 lives enables TBP to continue to achieve our goal

of impacting and benefiting the community, helping those in need, saving lives, and improving quality of life.

iii. **Organization and Administration**

Parker Esswein organized and ran the blood drive with the support of the American Red Cross Club on campus. Amber Schneider made posters to promote the advertisement of the blood drive and Parker and Marshall Walters hung up the posters across campus in order to get the word out. Parker also notified the campus about the blood drive via department emails and class announcements while Marshall put the poster into the engineering newsletter. TBP members also spread the word about the blood drive via social media, text, email, and word of mouth. Throughout the drive, all Tau Beta Pi volunteers donated blood and/or helped facilitate the blood drive by working the check-in table as well as running the canteen area. The volunteering and distribution of responsibilities across all members met the expectations of the original plan.

iv. **In Conjunction With**

American Red Cross Club

v. **Total Cost**

\$0.0

vi. **Cost Breakdown**

There were enough volunteers to perform the event and meet the project requirements.

vii. **Special Problems Encountered**

N/A

viii. **Overall Evaluation**

The project was able to make a direct impact on the local community as the TBP sponsored blood drive received over 40 blood donors and the units were distributed to local hospitals in critical need of blood with the potential to save up to 81 lives! As a result, the outcome of our volunteering met our goal of impacting the community and saving lives, deeming it a success. This event had one of the largest turnouts in terms of volunteers compared to all of the volunteering events throughout the year, allowing us to increase the community impact we were able to create through this blood drive. The engagement provided by the TBP members for this event and the large amount of blood donors that we were able to receive enabled this event to make a great impact on the local community and is thus an event that should be continued in the future. Ideally, TBP will sponsor a blood drive biannually, once a semester (Fall and Spring).

# 63 Findorff Company Talk

## Wisconsin Alpha

### 1. Project Information

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

Category	Count
Members	4
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

### 2. Project Evaluation

- i. **General Description**

This event is an industry event that the Industry Relations Coordinator of the WI A TBP chapter organized for the members. It was an in person meeting at the University of Wisconsin - Madison. One of the employees of Findorff came and gave a presentation about the things that Findorff does, what their role is in the company and what positions that typically have available for interns and full time employees.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This event relates to the objectives of Tau Beta Pi because it was a professional development event where the company Findorff came in to talk about their opportunities with the members.
- iii. **Organization and Administration**

The responsibilities of those involved in the project included emailing and coordinating a time and location on campus with the employees of Findorff for this event.
- iv. **Total Cost**

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

N/A

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

The event went well because it helped members understand what opportunities are out there in the field of civil engineering. One thing that did not go well was the fact that only four members showed up. Even though this event was advertised multiple times and reminders were sent out, not many members attended. This could have been due to the fact that Findorff was a civil engineering company and not many civil engineers are in TBP.

# 64 Codenames

## Wisconsin Alpha

### 1. Project Information

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

Category	Count
Officers	1
Members	1
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.5	1.0

### 2. Project Evaluation

#### i. General Description

For this social gaming event, we played Codenames. Codenames is a team based game where 1 member of each team gives one word hints to help their team guess their words on the board. A team wins when all of their words are guessed without accidentally guessing one specific word that ends the whole game.

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

This social event was held to bring our members together and create friendships. We also wished to encourage creative thinking through creating guesses that incorporate several of the team's words. We also encouraged teamwork of having the team work together to decide which of the words were most applicable to the guess.

#### iii. Organization and Administration

This event was planned and hosted by Annalise. Because of the few participants, we talked more rather than playing.

#### iv. Total Cost

\$0.0

v. **Cost Breakdown**

N/A

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

With in-person events becoming more and more popular, members no longer find amusement in virtual games.

# 65 April General Meeting

## Wisconsin Alpha

### 1. Project Information

- i. Date(s): 04/21/22
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	18
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
2.0	1.0

### 2. Project Evaluation

#### i. General Description

It was expected that all members attend this event. Each officer provides information on the upcoming events, membership requirements, and any changes in leadership. Furthermore, each officer introduced themselves to the members. All officers were available to field any questions from the virtual crowd.

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

Encourage active membership and clear communication within the chapter leadership.

#### iii. Organization and Administration

Each officer (Parker Esswein - Volunteer; Annalise Hotchkiss - Socials; Meghana Kalluri - Fundraising; Vanessa Obrycki - VP/Industry; Amber Schneider - Social Media) produced their slide in order to inform the members about the event from their respective officer responsibility. The slides were prepped ahead of time by Marshall.

#### iv. Total Cost

\$0.0

#### v. Cost Breakdown

N/A

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

Overall, we felt that the general meeting was effective at making all the necessary active membership and club events information available. The slides were Spring themed and "Icebreaker Breakouts" section were at the beginning of the meeting to provide an opportunity for members to interact. We found the members and new initiates to be very engaged.

# 66 Engineering EXPO

## Wisconsin Alpha

### 1. Project Information

- i. Date(s): 04/22/22 - 04/23/22
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Officers	4
Members	5
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
2.0	2.0

### 2. Project Evaluation

#### i. General Description

Parker Esswein organized and ran the event and interacted with the Engineering EXPO committee in order to coordinate the logistics associated with the Engineering EXPO. During the first shift of the Engineering EXPO event, Marshall and Lexie set-up the TBP room to prepare for the vertical jumping exhibit, decorating the whiteboard, preparing the meter stick and EXPO markers, and organizing the instruction packets. Volunteers for the other shifts made the next generation of students (ranging from elementary to high school age) excited about STEM by providing a hands-on experiential learning experience that taught them the biomechanics of vertical jumping. Students performed a normal vertical jump and measured their maximum height, hypothesized the results of a straight leg vertical jump, performed a straight leg vertical jump and measured their subsequent height, calculated the difference between the two heights, interpreted the data, and drew conclusions about the results, trying to explain the mechanics controlling the vertical jump height difference between the two different modalities. To assist each student in their understanding of vertical jumping, the volunteers discussed the influence center of mass acceleration, leg muscles, take-off velocity, and bone length have on an individual's maximum vertical height. To increase student interest and understanding, the Jump Around activity was very interactive and engaging. It taught the students about biomechanics

in a manner that made them excited about STEM, preparing the next generation of students for success.

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

The goal of this volunteering was to teach the next generation of students about the biomechanics of jumping in an interactive and enjoyable manner, generating excitement in the students toward STEM and preparing them for success within engineering. Teaching students the mechanics behind vertical jumping while consistently engaging them in the activities throughout the lesson provided a meaningful and exciting opportunity for the students that increased their knowledge and skills in relation to vertical jumping, problem-solving, and data collection and analysis. It gave the students first-hand experience developing understanding through experimentation. As a result, this event follows our initiative of making an impact on the community by teaching the next generation of engineering students in order to generate joy and intrigue within them while also preparing them for academic and career success.

iii. **Organization and Administration**

Parker Esswein organized, coordinated, and ran the event, describing the instructions for the biomechanics jumping activity and the requirements all volunteers need to adhere to throughout each shift. He utilized assistance from the Engineering EXPO committee to establish the logistics for the event. Marshall and Lexie set-up the TBP room to prior to the start of the EXPO in order to prepare the vertical jumping exhibit, decorating the whiteboard, preparing the meter stick and EXPO markers, and organizing the instruction packets. Outside of the set-up shift, all Tau Beta Pi volunteers ran the vertical jumping activity, teaching the students the biomechanics associated with jumping. The volunteering and equal distribution of teaching responsibilities across all members met the expectations of the original plan.

iv. **In Conjunction With**

Engineering EXPO

v. **Total Cost**

\$0.0

vi. **Cost Breakdown**

There were enough volunteers to perform the event and meet the project requirements.

vii. **Special Problems Encountered**

N/A

viii. **Overall Evaluation**

The project was able to make a direct impact on the younger generation as the vertical jumping activity enabled the next generation of students to learn about science and engineering throughout the entirety of the EXPO, building their excitement and understanding of STEM. As a result, the outcome of our volunteering met our goal of performing hands-on activities that teach the next generation about science and engineering, impacting the community and preparing the next generation for success in science and engineering. This event had one of the largest turnouts in terms of volunteers compared to all of the volunteering events throughout the year and all shifts had at least one TBP member, allowing us to increase the community impact we were able to create through this Engineering EXPO experience. The set-up associated with the vertical jumping activity was not too intensive and thus required only a limited amount of time. For future engineering EXPOs, if the same vertical jumping activity is taught, the set-up shift should only be 30 minutes in order to prevent the volunteers from experiencing extensive downtime.

# 67 Senior Sendoff Dinner

## Wisconsin Alpha

### 1. Project Information

- i. Date(s): 04/28/22
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	6
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.5	2.0

### 2. Project Evaluation

#### i. General Description

As a means to celebrate the Seniors that are graduating and to spur the development of deeper friendships, our chapter decided to coordinate a Senior-Only dinner at Nitty Gritty, a local restaurant in Madison. This event was coordinate by polling and communicating with all the Seniors that we had on file. In the end, only 6-7 seniors were actively involved and interested in being involved with this dinner.

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

To spur on the development of deeper friendships as well as to offer a means to celebrate a member's graduation.

#### iii. Organization and Administration

After corresponding with the seniors through emails and polling, Marshall called Nitty Gritty to make a reservation for seven.

#### iv. Total Cost

\$121.23

#### v. Cost Breakdown

The cost of this project was all due to the food and tip.

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

This event was highly successful, and the seniors that participated felt that they got a lot out of the event. Members were able to engage in long conversations regarding each of their futures. We are really happy with how this event was received and will be aiming to put it on again as money/interest allows.

# 68 7 Iron Social

## Wisconsin Alpha

### 1. Project Information

- i. Date(s): 05/06/22
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Officers	2
Members	2
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
0.5	2.0

### 2. Project Evaluation

- i. **General Description**  
Members/electees were invited to 7 Iron Social, an Indoor Golf and sports simulator on State Street.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**  
Way for members to gather in-person and relax before finals week.
- iii. **Organization and Administration**  
This event was organized by Annalise.
- iv. **Total Cost**  
\$43.6
- v. **Cost Breakdown**  
1 simulator for 1 hour = \$40 + tax
- vi. **Special Problems Encountered**  
N/A
- vii. **Overall Evaluation**  
Really fun, but maybe do it when people have more time - not near finals week!

# 69 TBP Talk Aditya Kunjapur

## Wisconsin Alpha

### 1. Project Information

- i. Date(s): 05/15/22
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	1
Electees	0

- v. Average number of hours per person spent:

Participating	Organizing
1.0	1.0

### 2. Project Evaluation

- i. **General Description**

This event was one of the monthly Tau Bate Talks where Aditya Kunjapur discussed how building block chemistry can enable new frontiers for synthetic biology. The event took place over zoom was coordinated by the TBP Administration.
- ii. **Purpose and Relationship to Objectives of Tau Beta Pi**

This event relates to the objectives of Tau Beta Pi because it was a professional and educational development event where Aditya Kunjapur shared his research.
- iii. **Organization and Administration**

The event was part of a series of Tau Bate Talks so it was organized by the TBP administration.
- iv. **Total Cost**

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

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

N/A

vii. **Overall Evaluation**

The event went well because it helped people understand one field of work that chemical engineers could go into. No changes could have been made to improve the event because our chapter was not in charge of running it, we simply attended the talk.

# 70 Spring End-of-Semester Banquet

## Wisconsin Alpha

### 1. Project Information

- i. Date(s): 05/18/22
- ii. New/Recurring Project: New
- iii. Project Areas:
  - Custom
  - Community/Liberal Culture
  - University/College
  - Profession/Engineering
  - Chapter/Social
  - Education/Professional Development
  - K-12 STEM
- iv. Number of persons who participated:

Category	Count
Members	10
Electees	4

- v. Average number of hours per person spent:

Participating	Organizing
3.0	1.0

### 2. Project Evaluation

#### i. General Description

The End Of Semester Banquet is designed to be the reward for those that achieve active membership (by meeting the point requirements) and to serve as an incentive for future active membership. This virtual Banquet involved a mixture of three raffles and two events. The event kicked off with a raffle, then an event followed (this led to a raffle/event/raffle/event/raffle structure). During each raffle, six winners were drawn and they made their prize selection based on the prize catalog produced by the Treasurer. Every person had one entry to the raffle from showing up and had increased odds based on their involvement during the semester (i.e. winning games or bringing extra people to a fundraiser). The events were a Kahoot Trivia game and Skribbl.io (pictionary).

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

This event was designed to celebrate and to reward active membership within our chapter corps.

#### iii. Organization and Administration

Mike Walz established the raffle system and ran the raffle during the event. Meghana Kalluri produced the prize catalog to fit within a set budget. Amber Schneider/Annalise Hotchkiss established the structure of the event (including which activities would be included and when the raffle would be held). Marshall Walters oversaw/hosted the event.

iv. **Total Cost**

\$143.5

v. **Cost Breakdown**

Tau Beta Pi Merch - \$93.50 - (Travel Mug, Ceramic Mug, Pi Day Long Sleeve, Baseball Hat, Beanie)

e-Giftcards - \$50

vi. **Special Problems Encountered**

N/A

vii. **Overall Evaluation**

Overall, the officer team and those that attended the event had a lot of fun! The active members/initiates seemed to be quite excited about the prizes and actively engaged in all the events. We are very proud of this event and will be running it in the future. We plan to continue to inject opportunities to win raffle tickets/entries through various events through the upcoming semester. We believe that we have been doing a good job at making the End-of-Semester banquet to be a desirable award for active membership.