2016-17
PROJECT REPORTS

Contained in this document are all of the reports of the Projects completed during the 2016-2017 school year by the Indiana Delta chapter of Tau Beta Pi at Valparaiso University
The Tau Beta Pi Association
Chapter Project Report

Project name: CoE Welcome Back BBQ  Date(s) of Project: 09/02/2016

Project Area:
- X Community/ Liberal Culture
- X University/ College
- _ Profession/ Engineering
- X Chapter/ Social
- _ Education/ Prof. Dev.
- _ K-12/MindSET

Number of persons who participated in this project:
- Members: 16
- Electees: 0

Hours spent on this project:
- Organizing: 06
- Participating: 03

DESCRIPTION:

I. General Description:
This project is an annual project held at the beginning of every school year on a Friday afternoon. Tau Beta Pi organizes, advertises, and facilitates a BBQ for all of the students and faculty in the College of Engineering. We grill hamburgers, veggie burgers, and hot dogs while chips, cookies, and drinks are also available. While the students and faculty eat and socialize, they can also play various lawn games that we provide.

II. Purpose & Relationship to Objectives of TBP:
The purpose of this activity is to help promote social interaction within the College of Engineering. We realize that freshmen are going through a tough time and this event gives them a chance to meet with their peers and faculty in a relaxed setting. It also helps to promote the image of Tau Beta Pi to all members of the College of Engineering, especially the freshman class.

III. Organization & Administration: (in conjunction with another group?) ___ Yes  X No
This event is organized by the chapter President and administered with the help of other active members. The College of Engineering also helps by providing and area for this to take place and storage space for the food. The Dean of the College of Engineering or a professor often helps by grilling during the BBQ.

IV. Cost & Personnel Requirements:
The cost of this event depends solely on food and game rental costs. The College of Engineering provides an area, grill, and storage. Tau Beta Pi must pay for the food costs which can range from $200 - $400 dollars depending on the year. Lawn games can be rented from the student union for a cost of around $30. The only personnel required is a skilled griller (typically a Tau
Beta Pi member or the Dean of the College of Engineering). There is no cost to the students and faculty that attend.

V. Special Problems:
Due to the location of the event, weather can always cause issues. A special exemption form must be filed with the university dining services in order to be able to purchase and grill the food on campus without dining services assistance. Increasing attendance is also a prevalent issue.

VI. Overall Evaluation/Results:
Due to an increase in the College of Engineering enrollment and improved advertising, the event was the biggest it has been in recent years. Due to this increase in attendance, we ran out of food within the first 90 minutes of the event. However, all other aspects of the event were very successful, and we received positive feedback from professors and the Dean of the College of Engineering.

VII. Index of Exhibits:

Members:
1. Rebekah Koehn
2. Matthew Sherrier
3. Julia Jenks
4. Nick Sontag
5. Chase Greenhagen
6. Eric Mesarch
7. Andrew Henricksen
8. Megan Voss
9. Aaron Roggow
10. Ryan Eveler
11. Zachary Roose
12. Matthew Fitzpatrick
13. Thomas Abbott
14. Nolan Lodden
15. Samantha Kopping
16. Scott Duncan

Electees:
1. Unknown

Other:
1. Roughly 250 participants
Project name: CoE Student Organization Open House Booth  
Date(s) of Project: 09/15/2016

Project Area:
- X Community/ Liberal Culture
- X University/ College
- _ Profession/ Engineering
- _ Chapter/ Social
- _ Education/ Prof. Dev.
- _ K-12/MindSET

Number of persons who participated in this project:
- Members: 2
- Electees: 0

Hours spent on this project:
- Organizing: 0.25
- Participating: 2

DESCRIPTION:

I. General Description:
Every year, the College of Engineering opens up the opportunity for student organizations to advertise and meet prospective members at an open house. At each open house, Tau Beta Pi organizes a booth at which members are stationed to interact with the participants and get the word out about our society.

II. Purpose & Relationship to Objectives of TBP:
The purpose of this activity is to help promote Tau Beta Pi and increase name recognition within the College of Engineering. While most of the participants in this program are freshmen, and are thus not eligible for membership yet, the open house allows us to get younger students thinking about Tau Beta Pi early on. Not only does this help us with recruiting and retention later on, but it gives younger students something to strive for in their college education.

III. Organization & Administration: (in conjunction with another group?) X Yes  ___ No
This event is organized by the College of Engineering primarily. Other student organizations, including the Society of Women Engineers, the American Society of Mechanical Engineers, Valpo Robotics, the American Society of Civil Engineers, and more, also participate. The Tau Beta Pi booth was organized by the chapter President and administered with the help of other active members.

IV. Cost & Personnel Requirements:
There is no cost associated with this event other than supplies to create a poster board for the booth. The booth was run by two active members.
V. Special Problems:
At this year’s event, we found that a poster board may not be the best way to display information about Tau Beta Pi. It may be helpful to create a tri-fold display or have pictures on an iPad in the future. It may also be helpful to hand out bookmarks or other tokens to attract more visitors.

VI. Overall Evaluation/Results:
Overall, this program was successful in increasing Tau Beta Pi name recognition and informing younger students about the society.

VII. Index of Exhibits:

Members:
1. Aaron Roggow
2. Megan Voss

Electees:
1. None

Other:
1. Roughly 50 freshmen participants
The Tau Beta Pi Association
Chapter Project Report

Project name: Fall New Member Meeting  
Date(s) of Project: 09/28/2016

Project Area:
__ Community/ Liberal Culture ___ University/ College ___ Profession/ Engineering
X Chapter/ Social ___ Education/ Prof. Dev. ___ K-12/MindSET

Number of persons who participated in this project: Members: 01  Electees: 20

Hours spent on this project: Organizing: 0.50  Participating: 01

DESCRIPTION:

I. General Description: A meeting was held for all prospective members. At this meeting the membership requirements were covered, including polishing the small bent, the membership fees, and participation in initiation and the post initiation banquet. It also served as a time where elected members could ask any questions about TBP.

II. Purpose & Relationship to Objectives of TBP: This meeting helped to inform the new members of their duties and make sure they know what type of activities that TBP encompasses.

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

IV. Cost & Personnel Requirements: There was no cost for this event.

V. Special Problems: There were no problems with this event, it ran very smoothly.

VI. Overall Evaluation/Results: The event accomplished its purpose and all prospective members left the meeting with a good knowledge of what TBP is all about, their unpolished bents, and either had given their membership check or were informed of how to submit it.

VII. Index of Exhibits:

Members:
1. Rebekah Koehn

Electees:
1. Michael Clemens
2. Janelle Wigal
3. Ryan Taylor
4. Dylan Antonides
5. Michael Walz
6. Rafael Valbuena
7. Amanda Jaacks
8. Alexander Franks
9. Katie Harrold
10. Jesse Greenhagen
11. Matthew Janke
12. Richard Doner
13. Grace Freigang
14. Jeffrey Moore
15. Kathleen Salter
16. Paul Flaten
17. Kyle Gieselman
18. Krista Stribling
19. Jesus Osorio
20. Andrew Tieman

Other:
1. None
**Description:**

**I. General Description:** Each year, Valparaiso University hosts a university-wide service day in which student organizations can participate with a team. This year, Tau Beta Pi organized a College of Engineering team. The team was open to all students in the CoE, and we advertised highly to freshmen students. Not only did the members get to spend a day serving members of the City of Valparaiso community, but it was a great opportunity to interact with engineering students and tell them about Tau Beta Pi.

**II. Purpose & Relationship to Objectives of TBP:** The purpose of this event was primarily to give our members and engineering students an opportunity to serve the community. The secondary purpose of this event was to promote Tau Beta Pi and increase name recognition with younger students.

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

This event was primarily organized by the Office of Volunteer Programs at Valparaiso University. The president of Tau Beta Pi organized a team to participate and other members of Tau Beta Pi helped to advertise the event, recruit participants, and participated in the service project themselves.

**IV. Cost & Personnel Requirements:** There was no cost associated with this event.

**V. Special Problems:** The event went very smoothly and there were no problems.

**VI. Overall Evaluation/Results:** It was a successful event. Our members enjoyed serving the community and interacting with freshmen students to get word out about Tau Beta Pi.
VII. Index of Exhibits:

Members:
1. Eric Mesarch
2. Andrew Henricksen
3. Chase Greenhagen

Electees:
1. Amanda Jaacks
2. Ryan Taylor
3. Kathleen Salter

Other:
1. None
The Tau Beta Pi Association
Chapter Project Report

Project name: Freshman Presentation
Date(s) of Project: 10/20/2016

Project Area:

__ Community/ Liberal Culture
__ University/ College
_X Chapter/ Social
_X Profession/ Engineering
__ Education/ Prof. Dev.
__ K-12/MindSET

Number of persons who participated in this project:
Members: 01
Electees: 00

Hours spent on this project:
Organizing: 02
Participating: 02

DESCRIPTION:

I. General Description: A slideshow presentation was created and presented to all three sections of GE 199 (The freshman engineering seminar) this presentation covered what TBP is, the requirements to be accepted, the benefits of joining TBP and also some motivational words and stories that serve to motivate the freshman to work hard toward a successful education.

II. Purpose & Relationship to Objectives of TBP: This event is the main event that promotes the image of TBP to the incoming class of engineers. It also serves educational purposes as the presenter shared personal words of motivation and success stories of students in engineering and TBP.

III. Organization & Administration: (in conjunction with another group?)
_X Yes  ___ No
This event was coordinated between the TBP chapter and the professor that is currently teaching GE 199. This year it was Prof. R. Wertz.

IV. Cost & Personnel Requirements: There were no cost requirements. We did require a projector to show the PowerPoint presentation.

V. Special Problems: The only problem we had was finding TBP members that were free during the GE 199 sections. In the end only one person was free for all sections.

VI. Overall Evaluation/Results: This event received praise from the GE 199 instructor and was well received by the engineering freshman. Incorporating humor into the presentation kept the students involved.
VII. Index of Exhibits:

Members:
  4. Megan Voss

Electees:
  1. None

Other:
  1. All College of Engineering Freshman in GE 199
The Tau Beta Pi Association  
Chapter: Indiana Delta  
Project Number: 06  
New ___ Recurring X

**Project name:** CoE Hat Sales  
**Date(s) of Project:** 08/25/2016 to 05/15/2017

**Project Area:**

- __ Community/ Liberal Culture  
- __ Chapter/ Social  
- __ University/ College  
- _X_ Profession/ Engineering  
- __ Education/ Prof. Dev.  
- __ K-12/MindSET

**Number of persons who participated in this project:**

- Members: 02  
- Electees: 00

**Hours spent on this project:**

- Organizing: 01  
- Participating: 00

**DESCRIPTION:**

I. **General Description:** Hats were ordered by the CoE and given to Tau Beta Pi to sell to students, faculty, etc. The hats were sold for $20 apiece. Advertisements were sent out via email to the entire CoE. Payment and pickup were overseen by Professor Scott Duncan (Advisory).

II. **Purpose & Relationship to Objectives of TBP:** This event promoted the image of Valpo’s TBP chapter to engineering students. It also serves as a fundraiser for the chapter so that they have more funds to contribute to projects later in the year.

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

IV. **Cost & Personnel Requirements:** The hats were purchased in previous years and we have been selling the surplus since the purchase.

V. **Special Problems:** None

VI. **Overall Evaluation/Results:** Overall this project was successful. We continued to sell hats throughout the year and received positive feedback from students and faculty.

VII. **Index of Exhibits:**

**Members:**

1. Aaron Roggow  
2. Scott Duncan  
   (Advisory)

**Electees:**

1. None

**Other:**

1. None
The Tau Beta Pi Association
Chapter Project Report

Project name: TED Dress Up Days
Date(s) of Project: 02/20/2017

Project Area:
__ Community/ Liberal Culture  X University/ College  __ Profession/ Engineering
__ Chapter/ Social            __ Education/ Prof. Dev.   __ K-12/MindSET

Number of persons who participated in this project: Members: 20  Electees: 0

Hours spent on this project: Organizing: 03  Participating: 00

DESCRIPTION:

I. General Description: During TED week, each day was a different dress up day. It was free to students and just meant to help them relax and have some fun during the week.

II. Purpose & Relationship to Objectives of TBP: Strictly social and to improve the image of TBP in the College of Engineering.

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

IV. Cost & Personnel Requirements: Cost was free, we did have to have someone come up with the days and make the posters.

V. Special Problems: Advertising was a difficult task. Since this holiday happens during such a busy time of the year, we struggle to find members who can devote time to organizing and creating advertisements.

VI. Overall Evaluation/Results: Pretty successful, some days were better than others but overall we had a good number of members of the college of engineering participate.

VII. Index of Exhibits:
   • Megan Voss (organizer)
   • A large number of students that participated, names not recorded
The Tau Beta Pi Association
Chapter: Indiana Delta
Project Number: 08
New ___ Recurring X

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**Project name:** TED Banquet

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

**Project Area:**

- [X] Community/ Liberal Culture
- _ University/ College
- _ Profession/ Engineering
- [X] Chapter/ Social
- [X] Education/ Prof. Dev.
- _ K-12/MindSET

**Number of persons who participated in this project:**
- Members: 30
- Electees: 0

**Hours spent on this project:**
- Organizing: 20
- Participating: 4

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**DESCRIPTION:**

**I. General Description:** A campus wide banquet to celebrate TED (The Engineers Day) week. We invite all engineering students, faculty, and alumni to the banquet for a night of fellowship and recognition. We obtain a guest speaker each year, this year it was our Provost. We also present the annual engineering awards at the banquet. There were over 250 people at this year’s banquet.

**II. Purpose & Relationship to Objectives of TBP:** To provide a service to the College for all of their support. It also greatly increases the recognition of TBP on our campus while providing a fun time for the members of the College of Engineering. It also provides a scholarship/Professional Education aspect by having a prominent speaker each year. This year, Dr. Mark Heckler, the President of Valparaiso University, delivered the opening message. The Provost of the university, Dr. Mark Beirman, and one of the university pastors, Rev. Jim Wetzstein, also attended.

**III. Organization & Administration:** (in conjunction with another group?) ___ Yes  X No
Must speak with the union to reserve ballrooms, find a guest speaker, dinning services for food, professors for advertisement, CoE administrators for money and alumni, and student organizations for TED skits.

**IV. Cost & Personnel Requirements:** Food is the main cost. This year we had a buffet and charged the students $8, which was half of the $16 cost per plate. We also worked with the university dinning services to let students use meal card money to pay for the meal. The faculty paid $16 and the College of Engineering covers alumni costs. The president served as the emcee and handed out door prizes. Two members manned the ticket taking desk at the entrance. Tickets were sold in the weeks prior to the event by Tau Beta Pi members.

**V. Special Problems:** This event was such a success that we had a hard time covering all of the costs. With increased attendance, we had to reserve larger rooms and order more food.
VI. Overall Evaluation/Results: This year’s banquet had the highest attendance ever. It was due to starting planning early! Overall it was a great success.

VII. Index of Exhibits:
- There were over 250 participants
The Tau Beta Pi Association
Chapter Project Report

**Project name:** TED Dodgeball  **Date(s) of Project:** 02/22/2017

**Project Area:**
- Community/ Liberal Culture
- University/ College [X]
- Profession/ Engineering
- Education/ Prof. Dev.
- Chapter/ Social
- K-12/MindSET

**Number of persons who participated in this project:**
- Members: 30
- Electees: 0

**Hours spent on this project:**
- Organizing: 03
- Participating: 04

**DESCRIPTION:**

**I. General Description:** We held a dodgeball tournament for faculty and students. In all there were 12 teams of 7 participants. The Dean of the College of Engineering participated on a team as well. The tournament was held in the university ballrooms due to a lack of availability of university gyms that week. Two Tau Beta Pi members refereed the games and facilitated the bracket updates.

**II. Purpose & Relationship to Objectives of TBP:** This event’s purpose was purely social. It was meant to get the students and professors to interact and have a good time with each other outside of a classroom setting.

**III. Organization & Administration:** (in conjunction with another group?) [X] Yes [ ] No
The event was primarily organized by the chapter president with help from two Tau Beta Pi members.

**IV. Cost & Personnel Requirements:** There was no cost associated with this event.

**V. Special Problems:** It would have been nice to host this event in a gym. I would suggest making room reservations in September in order to ensure availability.

**VI. Overall Evaluation/Results:** This was an extremely successful event, and the Dean was pleased with the outcome. We had more than 70 people attend the event and a ton of fun pictures from it.

**VII. Index of Exhibits:**
- Over 70 participants
The Tau Beta Pi Association
Chapter Project Report

Project name: TED Calculator Crunch          Date(s) of Project: 02/22/2017

Project Area:

__ Community/ Liberal Culture
X University/ College
__ Profession/ Engineering
__ Education/ Prof. Dev.
__ K-12/MindSET

Number of persons who participated in this project:

Members: 30          Electees: 00

Hours spent on this project:

Organizing: 03          Participating: 05

DESCRIPTION:

I. General Description: We held a calculator crunch event in which groups of five students could record videos of them destroying calculators in creative ways. Tau Beta Pi had an extra box of calculators from similar events in previous years that were administered to the participants. The videos were submitted to the Calculator Crunch Committee for judging, and a winner was announced at the dodgeball tournament (see previous report).

II. Purpose & Relationship to Objectives of TBP: This event’s purpose was purely social. It was meant to get the students relax and relieve some stress.

III. Organization & Administration: (in conjunction with another group?) ___ Yes  X No
The event was organized by the Calculator Crunch Committee, which consisted of three Tau Beta Pi members.

IV. Cost & Personnel Requirements: The calculators were supplied to the participants at no cost.

V. Special Problems: Advertising was especially difficult for this event. Since it was a new event, it was difficult to get the word out to the students to tell them what it was.

VI. Overall Evaluation/Results: This event was not as successful as the other TED week events, but I think that next year’s group can do a lot to learn from our mistakes and revive it in future years.

VII. Index of Exhibits:

- Calculator Crunch Committee: Jesse Greenhagen, Chase Greenhagen, Zach Roose
- Over 30 participants, names were not recorded
The Tau Beta Pi Association
Chapter Project Report

Project name: Spring New Member Meeting  Date(s) of Project: 02/06/2015

<table>
<thead>
<tr>
<th>Project Area:</th>
<th>__ Community/ Liberal Culture</th>
<th>__ University/ College</th>
<th>__ Profession/ Engineering</th>
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<tbody>
<tr>
<td>X  Chapter/ Social</td>
<td>__Education/ Prof. Dev.</td>
<td>__K-12/MindSET</td>
<td></td>
</tr>
</tbody>
</table>

Number of persons who participated in this project: Members: 01 Electees: 03

Hours spent on this project: Organizing: 0.5 Participating: 01

DESCRIPTION:

I. General Description: A meeting was held for all prospective members. At this meeting the membership requirements were covered, including polishing the small bent, the membership fees, and participation in initiation and the post initiation banquet. It also served as a time where elected members could ask any questions about TBP.

II. Purpose & Relationship to Objectives of TBP: This meeting helped to inform the new members of their duties and make sure they know what type of activities that TBP encompasses.

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

IV. Cost & Personnel Requirements: There was no cost for this event.

V. Special Problems: There were no problems with this event, it ran very smoothly.

VI. Overall Evaluation/Results: The event accomplished its purpose and all prospective members left the meeting with a good knowledge of what TBP is all about, their unpolished bents, and either had given their membership check or were informed of how to submit it.

VII. Index of Exhibits:

Members:  
1. Rebekah Koehn

Electees:  
1. Axandra Smalley  
2. Jacob Warner  
3. Brennen Miller
The Tau Beta Pi Association  
Chapter Project Report

Project name: Design Expo Picnic  
Date(s) of Project: 05/02/2015

Project Area:

__ Community/ Liberal Culture  
__ University/ College  
__ Profession/ Engineering  
X Chapter/ Social  
__ Education/ Prof. Dev.  
__ K-12/MindSET

Number of persons who participated in this project: 
Members: 30  
Electees: 00

Hours spent on this project: 
Organizing: 06  
Participating: 04

DESCRIPTION:

I. General Description: During the Senior Design Expo, we held a picnic for all the attendees. We provided hamburgers, hotdogs, chips and drinks free of charge as a thank you to all the seniors’ hard work.

II. Purpose & Relationship to Objectives of TBP: This helps the College of Engineering look good to all of the visiting family’s and guests. It is a way of TBP saying thank you to the seniors.

III. Organization & Administration: (in conjunction with another group?)  X Yes  ___ No
We work closely with the Deans Office to make this a reality.

IV. Cost & Personnel Requirements: The cost of the food is around $600. For personnel, you need someone to buy the food, store the food, setup the picnic, grill, hand out food, and clean up.

V. Special Problems: Funding it is getting more difficult each year as the picnic budget was cut from the university funding source this year.

VI. Overall Evaluation/Results: It was a very well ran picnic this year. We didn’t run out of food and the line was never too long.

VII. Index of Exhibits:

1. Rafael Valbuena  
2. Dylan Antonides  
3. Grace Freigang  
4. Krista Stribling  
5. Julia Jenks  
6. Jesse Greenhagen  
7. Janelle Wigal  
8. Michael Walz  
9. Axandra Smalley  
10. Amanda Jaacks  
11. Ryan Taylor  
12. Scott Duncan  
13. Over 200 family and friends

Chapter: Indiana Delta
Project Number: 12
New ____  Recurring X
The Tau Beta Pi Association
Membership Timeline Summary

<table>
<thead>
<tr>
<th>Fall 2016</th>
<th>Spring 2017</th>
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<tbody>
<tr>
<td>Number of members: 24</td>
<td>Number of members: 41</td>
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<tr>
<td>Number of electees: 20</td>
<td>Number of electees: 03</td>
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<tr>
<td>Number of initiates: 20</td>
<td>Number of initiates: 03</td>
</tr>
<tr>
<td>Date of initiation: 10/24/2016</td>
<td>Date of initiation: 03/20/2017</td>
</tr>
</tbody>
</table>

Unfortunately, a record of member participation at each event was not recorded. We will inform the executive board for the 2017-2018 academic year of this requirement for the Membership Timeline Summary so that they can keep the necessary records.