Vermont Beta

Chapter Projects Report
2016-2017

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The Tau Beta Pi Association

Vermont Beta Chapter

Chapter Project Report

Project Number 1

Project Name: Weekly Meetings

Dates of Project: September 2016 - May 2017

Project Area: Chapter

Number of Persons Participated:

Members: 19
Electees: 0

Hours Spent on this Project: Organization: ½ hour per week
Participation: ½ hour per week

Description of Project:

I. General Description
Weekly meetings of Tau Beta Pi meetings were held Tuesdays at 12:15pm. Meetings were conducted on a regular basis so that chapter business could be handled in an efficient and timely manner.

II. Purpose & Relationship to Objectives of Tau Beta Pi
The purpose of these weekly meetings was to keep all of the Tau Beta Pi members and advisors current with the organization. Each week participants would reflect upon previous weeks’ event(s) and discuss possible improvements. Participants also discussed upcoming events and overall tried to maximize the organization's community contributions while maintaining a reasonable schedule.

III. Organization and Administration
The chapter president prepared and presented attendees with agendas prior to each meeting to expedite the discussion and decision making process. A classroom was booked for the entire year and emails were used for communications.

IV. Cost
There were no costs associated with these meetings.

V. Special Problems
None.

VI. Overall Evaluation/Results
Weekly meetings were a great way to bring the chapter together and keep everyone informed of important events.

VII. List of Attendees
Artmiz Golkaramnay
Timothy Clemens
Stefan Koberl
John Johnston
David Rogers
Zackary White
Jaani Barclay
Elizabeth Ells
Jessica Fulk
Brandon Lambert
Deborah McNally
Patrick Millington
Braeden Ostepchuk
Cassidy Valinski
Joana Athanasi
Greg Dusseault
Tyler Jones
Garret Rose
Andrew van Buskirk
Project Name: Fall Informational Meeting
Dates of Project: September 28, 2016
Project Area: Social/Chapter
Number of Persons Participated:
- Members: 6
- Candidates: 14

Hours Spent on this Project:
- Organization: ½
- Participation: ½

Description of Project:

I. General Description
This event gathers the new candidates for membership to Vermont Beta and informs them about the organization and the chapter’s induction process.

II. Purpose & Relationship to Objectives of Tau Beta Pi
This event introduces candidates to the chapter and start them on the application process.

III. Organization and Administration
A conference room was booked with the David Crawford School of Engineering. Members and candidates were contacted via email and in person when possible.

IV. Cost
None.

V. Special Problems
Not all candidates were unable to attend the scheduled time for this meeting. A separate, informal meeting was later held to accommodate remaining candidates.

VI. Overall Evaluation/Results
All candidates left with greater knowledge of the Tau Beta Pi organization and the Vermont Beta chapter. Ultimately, 8 of 14 candidates were inducted.

VII. List of Attendees
- Artmiz Golkaramnay
- Timothy Clemens
- Stefan Koberl
- John Johnston
- David Rogers
- Zackary White
- Jaani Barclay
- Elizabeth Ells
Jessica Fulk
Brandon Lambert
Deborah McNally
Patrick Millington
Braeden Ostepchuk
Cassidy Valinski
Project Name: Candidate Exam

Dates of Project: September 24-October 6, 2016

Project Area: Chapter

Number of Persons Participated:
- Members: 6
- Electees: 8

Hours Spent on this Project:
- Organization: 1
- Participation: 4

Description of Project:

I. General Description
An exam was given to all candidates. The questions revolved around Tau Beta history and Vermont Beta history. Candidates are also expected to take pictures with faculty members of Tau Beta Pi. Last, but not least, candidates were expected to shine their personal Bent. The exam was returned one week after being received. The exams were reviewed by the chapter during a weekly meeting.

II. Purpose & Relationship to Objectives of Tau Beta Pi
The purpose of this exam was for the candidates to learn the history and values of Tau Beta Pi. This was also a way for the members to judge the candidates’ character and work ethic.

III. Organization and Administration
The exam was adapted from previous years. The exams were returned to the engineering administrative assistant.

IV. Cost
The only cost incurred was the cost of the personal Bents. In the end, eight Bents were passed out, costing the chapter $15 each.

V. Special Problems
None.

VI. Overall Evaluation/Results
The exam was well completed by 8 candidates. There were a few minor mistakes but it allowed a good judgment of character and willingness to put the effort in to join Tau Beta Pi.

VII. List of Attendees
Artmiz Golkaramnay
Timothy Clemens
Stefan Koberl
John Johnston
David Rogers
Zackary White
Jaani Barclay
Elizabeth Ells
Jessica Fulk
Brandon Lambert
Deborah McNally
Patrick Millington
Braeden Ostepchuk
Cassidy Valinski
Project Name: Polishing the Bent

Dates of Project: October 5, 2016

Project Area: Chapter/Social

Number of Persons Participated:
- Members: 3
- Candidates: 8

Hours Spent on this Project:
- Organization: ½
- Participation: 1

Description of Project:

I. General Description
During their Tau Beta Pi candidacy, potential initiates are requested to shine the Bent, by hand, with full-fledged Tau Bates.

II. Purpose & Relationship to Objectives of Tau Beta Pi
This project gives the candidates and members a chance to interact with one another, allowing members to evaluate the character of the candidates. This project also shows the engineering school an organization in action, as the Bent is located in front of said school: it is a means of spreading the Tau Beta Pi name.

III. Organization and Administration
Two separate times and dates were chosen for this project, with convenience in mind for both members and candidates. Members of Tau Beta Pi provided the supplies and taught the candidates proper shining technique.

IV. Cost
$10 in supplies

V. Special Problems
None

VI. Overall Evaluation/Results
Members and candidates interacted as workers and classmates. The Bent was successfully shined.

VII. List of Attendees
John Johnston
David Rogers
Jaani Barclay
Elizabeth Ells
Jessica Fulk
Brandon Lambert
Deborah McNally
Patrick Millington
Braeden Ostepchuk
Cassidy Valinski

VIII. Appendices
Candidates posing by the Bent during polishing.
The Tau Beta Pi Association Vermont Beta Chapter
Chapter Project Report Project Number 5

Project Name: Candidate Interviews

Dates of Project: October 11, 2016

Project Area: Chapter/Social

Number of Persons Participated: Members: 6
Candidates: 8

Hours Spent on this Project: Organization: 1
Participation: 3.5

Description of Project:

I. General Description
As part of the candidacy process, Vermont Beta candidates are required to hold an interview with members of the organization. Questions for the interviews are developed beforehand and as the interviews are conducted. The chapter discussed the results of each candidate’s Candidate Exam prior to each interview. During the interview, each candidate is required to present their shined personal Bent.

II. Purpose & Relationship to Objectives of Tau Beta Pi
The Candidate Interview is the last opportunity for members to evaluate a candidate’s character.

III. Organization and Administration
A date and time for interviews is decided during weekly meetings at which the candidates are present. Strategy for the interviews is planned immediately preceding the interviews.

IV. Cost
None

V. Special Problems
Due to members’ busy schedules, not all members could be in attendance for every candidate interview. Care was taken to ensure that quorum was met for each vote, even with abstaining members.

VI. Overall Evaluation/Results
Interviews are an excellent way to ask the candidate in a formal manner his or her willingness to fully commit to Tau Beta Pi.

VII. List of Attendees
Artmiz Golkaramnay
Timothy Clemens
Stefan Koberl
John Johnston
David Rogers
Zackary White
Jaani Barclay
Elizabeth Ells
Jessica Fulk
Brandon Lambert
Deborah McNally
Patrick Millington
Braeden Ostepchuk
Cassidy Valinski
TheTau Beta Pi Association
Chapter Project Report

Vermont Beta Chapter
Project Number 6

Project Name: Fall Semester Practice Initiation

Dates of Project: November 1, 2016

Project Area: Chapter/Social

Number of Persons Participated:
- Members: 4
- Electees: 1

Hours Spent on this Project:
- Organization: 1
- Participation: 1

Description of Project:

I. General Description
The chapter conducted a practice initiation two days prior to our formal fall initiation. Due to the graduation of the previous class, most of the chapter had little experience performing an initiation. Practice was a good opportunity to gain familiarity with the required roles and address unforeseen issues.

II. Purpose & Relationship to Objectives of Tau Beta Pi
New member initiation is vital to the survival and continuity of the Vermont Beta Chapter of Tau Beta Pi.

III. Organization and Administration
This practice initiation was planned by the current members of Vermont Beta and performed with the assistance of two professors who are members of Tau Beta Pi.

IV. Cost
None.

V. Special Problems
One of the candidates was unable to attend initiation on its scheduled evening. Rather than having him be initiated at another chapter or waiting until Spring semester, we followed the recommendation of headquarters and initiated him at the practice initiation.

VI. Overall Evaluation/Results
The practice initiation was successfully executed and provided valuable insight going into our formal initiation.

VII. List of Attendees
- Artmiz Golkaramnay
- Timothy Clemens
- John Johnston
- David Rogers
- Braeden Ostepchuk
The Tau Beta Pi Association
Chapter Project Report

Vermont Beta Chapter
Project Number  7

Project Name: Fall Semester Initiation
Dates of Project: November 3, 2016
Project Area: Chapter/Social
Number of Persons Participated:
- Members: 6
- Electees: 7

Hours Spent on this Project:
- Organization: 1
- Participation: 1

Description of Project:

I. General Description
The chapter carried out the initiation of approved electees in accordance with the Tau Beta Pi Initiation Ritual. Seven students were initiated in the Fall Semester Initiation with the assistance of Norwich University’s Head of Electrical and Computer Engineering, Doctor Michael Prairie, VT B ‘83.

II. Purpose & Relationship to Objectives of Tau Beta Pi
New member initiation is vital to the survival and continuity of the Vermont Beta Chapter of Tau Beta Pi.

III. Organization and Administration
Initiation was planned and performed by the current members of Vermont Beta with the assistance of Doctor Prairie.

IV. Cost
None.

V. Special Problems
None.

VI. Overall Evaluation/Results
The initiation was successful and was carried out with all proper gravity and ceremony.

VII. List of Attendees
Artmiz Golkaramnay
Timothy Clemens
Stefan Koberl
John Johnston
David Rogers
Zackary White
Jaani Barclay
Elizabeth Ells
Jessica Fulk
Brandon Lambert
Deborah McNally
Patrick Millington
Cassidy Valinski

VIII. Appendices

Our newest inductees take a photo with our current members and professors.
The Tau Beta Pi Association
Vermont Beta Chapter
Chapter Project Report
Project Number 8

Project Name: Fall Semester Initiation Banquet
Dates of Project: November 3, 2016
Project Area: Chapter/Social
Number of Persons Participated: Members: 14

Hours Spent on this Project: Organization: ½
Participation: 1

Description of Project:

I. General Description
After Vermont Beta’s Fall Semester Initiation, the chapter hosted a banquet for members, both new and old, and advisors. The banquet provided an informal atmosphere for members to socialize with each other and with chapter advisors.

II. Purpose & Relationship to Objectives of Tau Beta Pi
Initiates were recognized and welcomed into the chapter. Members, advisors, and initiates spent the evening relaxing together.

III. Organization and Administration
The event was hosted by the chapter at a local establishment and organized by current members.

IV. Cost
$130

V. Special Problems
Due to low chapter funds, a local diner provided a cost-effective venue.

VI. Overall Evaluation/Results
Initiates were recognized and their induction celebrated. A good time was had by all.

VII. List of Attendees
Artmiz Golkaramnay
Timothy Clemens
Stefan Koberl
John Johnston
David Rogers
Zackary White
Jaani Barclay
Elizabeth Ells
Jessica Fulk
Brandon Lambert
Deborah McNally
Patrick Millington
Braeden Ostepchuk
Cassidy Valinski
The Tau Beta Pi Association

Chapter Project Report

Vermont Beta Chapter

Project Number 9

Project Name: National Convention

Dates of Project: October 6-8, 2016

Project Area: Chapter

Number of Persons Participated: Members: 1

Hours Spent on this Project: Organization: 2
Participation: roughly 30

Description of Project:

I. General Description
Vermont Beta’s Chapter President traveled to San Diego, California to participate in the 2016 Tau Beta Pi National Convention. He participated in the convention wide meetings, interactive chapter exchanges and district meetings.

II. Purpose & Relationship to Objectives of Tau Beta Pi
The National Convention is required by the National Constitution and Bylaws of the Association. The Convention is used to make decisions governing the direction of the Association on a national basis. The Chapter President was afforded the opportunity to exchange ideas with other chapters.

III. Organization and Administration
The chapter president attended the national convention. She flew to San Diego, California to attend the event. All organization details were completed by the National Association.

IV. Cost
All costs were assumed or reimbursed by the Tau Beta Pi National Association.

V. Special Problems
None.

VI. Overall Evaluation/Results
The event was an overall success. Business was conducted fairly efficiently. A suggestion for future years would be to grasp Robert’s rule of order before attending convention.

VII. List of Attendees
Artmiz Golkaramnay
The Tau Beta Pi Association  
Chapter Project Report  

Vermont Beta Chapter  
Project Number 10

<table>
<thead>
<tr>
<th>Project Name:</th>
<th>Freshman Class Visits</th>
</tr>
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<tbody>
<tr>
<td>Dates of Project:</td>
<td>November 22, 2016</td>
</tr>
<tr>
<td>Project Area:</td>
<td>Social/Chapter</td>
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<tr>
<td>Number of Persons Participated:</td>
<td>Members: 14</td>
</tr>
<tr>
<td>Hours Spent on this Project:</td>
<td>Organization: ½</td>
</tr>
<tr>
<td></td>
<td>Participation: ½</td>
</tr>
</tbody>
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**Description of Project:**

I. **General Description**  
 Tau Beta Pi members attended freshman engineering classes to speak about Tau Beta Pi and encourage freshman students to aspire to become Tau Bates, get involved in events on campus, and continue to work hard.

II. **Purpose & Relationship to Objectives of Tau Beta Pi**  
 This event helps to increase the exposure of Tau Beta Pi on campus and exemplify that Tau Bates are committed to making a difference in the engineering community.

III. **Organization and Administration**  
 Professors of the freshman classes were contacted to obtain permission to speak to the classes.

IV. **Cost**  
 None

V. **Special Problems**

VI. **Overall Evaluation/Results**  
 Freshman students were introduced to Tau Beta Pi and it’s role on campus.

VII. **List of Attendees**  
 Artmiz Golkaramnay  
 Timothy Clemens  
 Stefan Koberl  
 John Johnston  
 David Rogers  
 Zackary White  
 Jaani Barclay  
 Elizabeth Ells  
 Jessica Fulk  
 Brandon Lambert
Deborah McNally
Patrick Millington
Braeden Ostepchuk
Cassidy Valinski
The Tau Beta Pi Association
Chapter Project Report

Vermont Beta Chapter
Project Number 11

Project Name: First Lego League Meal Fundraiser

Dates of Project: November 13, 2016

Project Area: Social/Chapter

Number of Persons Participated:
Members: 11

Hours Spent on this Project:
Organization: 1
Participation: 3

Description of Project:

I. General Description
Tau Beta Pi members volunteered at the First Lego League “sports for the mind” tournament in different capacities. Some members helped with judging the event, while others set up a food and beverage station for the contestants and parents that served as a fundraiser for Vermont Beta.

II. Purpose & Relationship to Objectives of Tau Beta Pi
This event helps to increase the exposure of Tau Beta Pi while making a difference in the engineering community.

III. Organization and Administration
Food and beverages needed to be purchased. Volunteers needed to register through the First Lego League committee.

IV. Cost
$40.

V. Special Problems
None.

VI. Overall Evaluation/Results
All candidates left with greater knowledge of the Tau Beta Pi organization and the Vermont Beta chapter. Ultimately, 8 of 14 candidates were inducted.

VII. List of Attendees
Artniz Golkaramnay
Timothy Clemens
David Rogers
Jaani Barclay
Elizabeth Ells
Jessica Fulk
Brandon Lambert
Deborah McNally
Patrick Millington
Braeden Ostepchuk
Cassidy Valinski
The Tau Beta Pi Association Vermont Beta Chapter
Chapter Project Report Project Number 12

Project Name: Engineer’s Week
Dates of Project: February 19-23, 2017
Project Area: University/Engineering
Number of Persons Participated: Members: 14
Hours Spent on this Project: Organization: 10
Participation: 15

Description of Project:

I. General Description
Engineer's Week is held every year and organized by the Tau Beta Pi chapter. It is an inter-major competition lasting a week. Every member hosted and organized at least one event during Engineer's Week. These events are discussed in Events 13-25.

II. Purpose & Relationship to Objectives of Tau Beta Pi
Tau Beta Pi at Norwich University serves more than just itself by rewarding those students with high academic achievement and excellent character, it serves its community. Part of serving that community is to provide stress relief. In the middle of the winter in New England, there is no greater stress relief than to hang out with friends and play few games. VT B provides that opportunity through Engineers Week.

III. Organization and Administration
Weekly meetings were used to organize and track the progress of the preparations for Engineer’s Week. Members volunteered to spearhead various activities such that the chapter as a whole was able to conduct a very successful and exciting Engineer’s Week 2017.

IV. Cost
$1100

V. Special Problems
Snow sculptures needed to be cancelled because of warm weather.

VI. Overall Evaluation/Results
Engineer’s Week was successful. The Electrical Engineers won Engineer's Week. Next year rules need to be defined better in terms of participation. Furthermore, a greater effort needs to be made in encouraging students to attend and participate in events.

VII. List of Attendees
Artmiz Golkaramnay
Timothy Clemens
Stefan Koberl
John Johnston
David Rogers
Zackary White
Jaani Barclay
Elizabeth Ells
Jessica Fulk
Brandon Lambert
Deborah McNally
Patrick Millington
Braeden Ostepchuk
Cassidy Valinski
Project Name: Brian Bill Triathlon

Dates of Project: February 20-23, 2017

Project Area: College, Engineering

Number of Persons Participated:
- Members: 6

Hours Spent on this Project:
- Organization: 3
- Participation: 4 ½

Description of Project:

I. General Description
The Brian Bill Triathlon is a set of three events during Engineer’s Week which includes challenges from each of Electrical and Computer Engineering, Mechanical Engineering, and Civil Engineering. These events are covered in projects 16, 18, and 19. This set of events is named in honor of Brian Bill, Norwich University Electrical Engineering 2001, a Navy SEAL whose helicopter was shot down in Afghanistan by enemy fire on August 6, 2011.

II. Purpose & Relationship to Objectives of Tau Beta Pi
The Triathlon poses unique challenges from each engineering discipline and honors a fallen alumnus.

III. Organization and Administration
During weekly meetings, members chose which events they would host. For the Triathlon, events were hosted by members of the appropriate major.

IV. Cost
The cost of the triathlon was the total of the three component events, $60 in this case.

V. Special Problems
None

VI. Overall Evaluation/Results
The Civil Engineering Department won the Brian Bill Triathlon this semester. It is recommended that the same set of events is used for the Triathlon during next year’s Engineer’s Week.

VII. List of Attendees
Artniz Golkaramnay
Timothy Clemens
David Rogers
Elizabeth Ells
Jessica Fulk
Deborah McNally
Project Name: Ultimate Frisbee
Dates of Project: February 21, 2017
Project Area: College/University
Number of Persons Participated: Members: 5

Hours Spent on this Project: Organization: ½  
Participation: 1 ½

Description of Project:

I. General Description
This event allowed teams of participants to have fun playing Ultimate Frisbee.

II. Purpose & Relationship to Objectives of Tau Beta Pi
A team sport allowed participants to work together and work off some stress during a cold winter month.

III. Organization and Administration
During weekly meetings, members chose which events they would host during Engineer’s Week. A space to use for the event was booked with the David Crawford School of Engineering. Equipment was borrowed from the Ultimate Frisbee club.

IV. Cost
None.

V. Special Problems
None.

VI. Overall Evaluation/Results
The Electrical Engineering Department won this event.

VII. List of Attendees
Artmiz Golkaramnay  
Stefan Koberl  
David Rogers  
Brandon Lambert  
Braeden Ostepchuk
The Tau Beta Pi Association  
Chapter Project Report  

Vermont Beta Chapter  
Project Number  15  

**Project Name:** Box Stacking  
**Dates of Project:** February 21, 2017  
**Project Area:** University/Engineering/Chapter/social  
**Number of Persons Participated:** Members: 7  
**Hours Spent on this Project:** Organization: ½  
Participation: ¾  

**Description of Project:**

I. **General Description**  
A game of reverse Jenga using multiple different sizes of cardboard boxes. Each major places a box inside a limited area. The first team to make the tower fall is eliminated. Prospective students were present for this and participated with their prospective major.  

II. **Purpose & Relationship to Objectives of Tau Beta Pi**  
With this event the Vermont Beta chapter challenged all the majors to a fun competition. This event helped entertain the prospective students and allowed them to mingle with the current students and ask questions.  

III. **Organization and Administration**  
This event was coordinated with the admissions office. For this event cardboard boxes were saved throughout the semester for this game.  

IV. **Cost**  
There were no cost related to this event.  

V. **Special Problems**  
None.  

VI. **Overall Evaluation/Results**  
The Electrical and Computer Engineers won this event. The prospective students had many laughs and enjoyed their time.  

VII. **List of Attendees**  
David Rogers  
Zackary White  
Jaani Barclay  
Elizabeth Ells  
Jessica Fulk  
Deborah McNally  
Cassidy Valinski
The Tau Beta Pi Association  
Vermont Beta Chapter  
Chapter Project Report  
Project Number 16

**Project Name:** Sumo Robots  
**Dates of Project:** February 23, 2017  
**Project Area:** University/Engineering/Chapter  
**Number of Persons Participated:** Members: 6

**Hours Spent on this Project:**  
Organization: 2  
Participation: 1 ½

**Description of Project:**

I. **General Description**  
A sumo robot was built by each major using Lego NXT. The goal of this challenge was to push the opponent's robot outside of the ring. Admissions was hosting 28 prospective students. They were included in this event.

II. **Purpose & Relationship to Objectives of Tau Beta Pi**  
This event was held with admissions. It was meant to demonstrate some engineering principles to the prospective students. It was also a friendly competition between engineering majors.

III. **Organization and Administration**  
This event was organized in coordination with the Electrical and Computer Engineering Department which supplied all the materials necessary. This was one of the events for the Brian Bill triathlon.

IV. **Cost**  
All materials were lent by the Electrical Engineering department.

V. **Special Problems**  
None.

VI. **Overall Evaluation/Results**  
The prospective students enjoyed the event. This event was won by the Electrical Engineers.

VII. **List of Attendees**  
Artmiz Golkaramnay  
Timothy Clemens  
Jessica Fulk  
Deborah McNally  
Patrick Millington  
Cassidy Valinski
Project Name: Dodgeball

Dates of Project: February 23, 2017

Project Area: Chapter/Social

Number of Persons Participated: Members: 8

Hours Spent on this Project:
Organization: ½
Participation: 1

Description of Project:

I. General Description
This event allowed teams of participants to have fun playing dodgeball.

II. Purpose & Relationship to Objectives of Tau Beta Pi
A team sport allowed participants to work together and work off some stress during a cold winter month.

III. Organization and Administration
During weekly meetings, members chose which events they would host during Engineer’s Week. A space to use for the event was booked with the David Crawford School of Engineering.

IV. Cost
All materials were lent by Student Activities. Admissions donated $1000 to the chapter for our cooperation with their event.

V. Special Problems
None

VI. Overall Evaluation/Results
The Electrical Engineering Department won this event.

VII. List of Attendees
Artmiz Golkaramnay
Timothy Clemens
Zackary White
Jaani Barclay
Brandon Lambert
Deborah McNally
Patrick Millington
Braeden Ostepchuk
The Tau Beta Pi Association
Chapter Project Report

Vermont Beta Chapter
Project Number 18

Project Name: Egg Drop

Dates of Project: February 22, 2017

Project Area: Engineering

Number of Persons Participated: Members: 7

Hours Spent on this Project: Organization: ½
Participation: 1

Description of Project:

I. General Description
Participants were given 24 hours and a set of building materials to design and build a vehicle to protect an egg during a 15 foot drop.

II. Purpose & Relationship to Objectives of Tau Beta Pi
Participants were given an engineering problem and a limited list of materials to generate a solution. Witnessing the failure of any given design allowed teams to make changes to allow for success.

III. Organization and Administration
A space to use for the event was booked with the David Crawford School of Engineering. This was an event for the Brian Bill triathlon hosted by the Mechanical Engineering Department.

IV. Cost
$40

V. Special Problems
None

VI. Overall Evaluation/Results
The Mechanical Engineering Department won this event.

VII. List of Attendees
Stefan Koberl
John Johnston
David Rogers
Zackary White
Jaani Barclay
Brandon Lambert
Deborah McNally
The Tau Beta Pi Association
Vermont Beta Chapter
Chapter Project Report

Project Name: Cantilever Challenge

Dates of Project: February 22, 2017

Project Area: College, Engineering

Number of Persons Participated: Members: 8

Hours Spent on this Project: Organization: 1 ½
Participation: 1 ½

Description of Project:

I. General Description
As a Civil Engineering event during Engineer’s Week, participants must build a structure extending from a tabletop. Each structure may be supported only by the tabletop and the table’s edge. Only paper, masking tape, and duct tape were available as building materials. The measure of success of each structure is length of horizontal projection.

II. Purpose & Relationship to Objectives of Tau Beta Pi
This event requires participants to use sound engineering fundamentals to address a problem and produce a solution.

III. Organization and Administration
During weekly meetings, members chose which events they would host. As an event for the Brian Bill Triathlon, it was hosted by members of the Civil Engineering major.

IV. Cost
$20

V. Special Problems
None

VI. Overall Evaluation/Results
The Civil Engineering Department won the Cantilever Challenge.

VII. List of Attendees
David Rogers
Zackary White
Jaani Barclay
Elizabeth Ells
Jessica Fulk
Brandon Lambert
Braeden Ostepchuk
Cassidy Valinski
Project Name: Broomball

Dates of Project: February 22, 2017

Project Area: Chapter/ Social

Number of Persons Participated: Members: 9

Hours Spent on this Project: Organization: 2
Participation: 2

Description of Project:

I. General Description
A broomball tournament was competed outdoors on an evening during E-Week. The teams each had 5 players and a goalie on the ice at a time.

II. Purpose & Relationship to Objectives of Tau Beta Pi
A team sport allowed participants to work together and work off some stress during a cold winter month.

III. Organization and Administration
During weekly meetings, members chose which events they would host during Engineer’s Week. The outdoor rink on the WCC green was used. Equipment was borrowed from student clubs.

IV. Cost
There were no costs associated to this event.

V. Special Problems
None.

VI. Overall Evaluation/Results
The Mechanical Engineers won this event. Everyone had fun.

VII. List of Attendees
John Johnston
David Rogers
Zackary White
Jaaní Barclay
Jessica Fulk
Brandon Lambert
Patrick Millington
Braeden Ostepchuk
Cassidy Valinski
Project Name: Professor Bowling
Dates of Project: February 22, 2017
Project Area: Chapter
Number of Persons Participated: Members: 6

Hours Spent on this Project: Organization: 1 Participation: 1

Description of Project:

I. General Description
Students competed in a competition with the professors. On an outdoor ice rink on campus, professors sat inside sleds that were pushed by students at a set of pins. The objective was to knock over the most pins using the professors in the sleds as the ‘bowling balls.’

II. Purpose & Relationship to Objectives of Tau Beta Pi
A team sport allowed participants to work together and work off some stress during a cold winter month.

III. Organization and Administration
During weekly meetings, members chose which events they would host during Engineer’s Week. The outdoor rink on the WCC green was used. Equipment was borrowed from student clubs.

IV. Cost
There were no costs associated with these meetings

V. Special Problems
None

VI. Overall Evaluation/Results
The Mechanical Engineers won, and the event was a lot of fun.

VII. List of Attendees
Artmiz Golkaramnay
Timothy Clemens
David Rogers
Jessica Fulk
Brandon Lambert
Deborah McNally
Project Name: Mouse Trap Cars

Dates of Project: February 21, 2017

Project Area: College Engineering

Number of Persons Participated:
- Members: 10
- Electees: 0

Hours Spent on this Project:
- Organization: 2
- Participation: 1 ½

Description of Project:

I. General Description
   A mouse trap car was built by each major with a given set of parts. The car that travelled the biggest distance at release was declared the winner. There were around 25 students who attended this event.

II. Purpose & Relationship to Objectives of Tau Beta Pi
   This event tests some fundamentals of engineering. It was also enjoyable teamwork event within class years of a major.

III. Organization and Administration
   The materials were purchased by the chapter president. The members that organized this event created a set of rules and a shopping list.

IV. Cost
   $40

V. Special Problems
   None

VI. Overall Evaluation/Results
   The winner of this event was the Electrical Engineers. This event was enjoyed by all and successful and should be repeated next year.

VII. List of Attendees
   - Artmiz Golkaramnay
   - Timothy Clemens
   - Stefan Koberl
   - John Johnston
   - David Rogers
   - Zackary White
   - Jaani Barclay
   - Brandon Lambert

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Project Name: Indoor Soccer
Dates of Project: February 19, 2017
Project Area: Chapter
Number of Persons Participated: Members: 6
Hours Spent on this Project: Organization: 1
Participation: 1.5

Description of Project:

I. General Description
   An indoor soccer tournament was played on Sunday night to commence Engineer’s Week. Teams were divided by major and games were 10 mins long with 5 players allowed on the court from each team.

II. Purpose & Relationship to Objectives of Tau Beta Pi
   A team sport allowed participants to work together and work off some stress and have some fun while beginning Engineer's Week.

III. Organization and Administration
   A local gymnasium needed to be reserved for the event.

IV. Cost
   None.

V. Special Problems
   None.

VI. Overall Evaluation/Results
   The Electrical Engineers won the event. There were some great matches.

VII. List of Attendees
   Artmiz Golkaramnay
   David Rogers
   Jessica Fulk
   Brandon Lambert
   Braeden Ostepchuk
   Stefan Koberl
Project Name: Engineering Jeopardy

Dates of Project: February 21, 2017

Project Area: Chapter/Social

Number of Persons Participated: Members: 7

Hours Spent on this Project: Organization: 2
Participation: 1

Description of Project:

I. General Description
A set of engineering-related Jeopardy questions was written up and hosted for participants as an event for Engineer’s Week.

II. Purpose & Relationship to Objectives of Tau Beta Pi
Answering trivia questions pertaining to engineering and science fields provides an exercise in engineering knowledge.

III. Organization and Administration
During weekly meetings, members chose which events they would host during Engineer’s Week. A space to use for the event was booked with the David Crawford School of Engineering.

IV. Cost
None.

V. Special Problems
None.

VI. Overall Evaluation/Results
The Mechanical Engineering Department won the event.

VII. List of Attendees
Artmiz Golkaramnay
Timothy Clemens
Zackary White
Elizabeth Ells
Jessica Fulk
Deborah McNally
Cassidy Valinski
Project Name: Penny Wars
Dates of Project: February 20-24, 2017
Project Area: Community
Number of Persons Participated: Members: 4

Hours Spent on this Project:
Organization: 1
Participation: N/A

Description of Project:

I. General Description
A weeklong competition where each major has a milk jug to be filled with money. Pennies count for positive and any other money counts negative. All the proceeds for this event were donated to the Carol E. Stephens Memorial Scholarship.

II. Purpose & Relationship to Objectives of Tau Beta Pi
This event was part of Engineers week but mostly it was a fundraiser for a scholarship. The Carol E. Stephens Memorial Scholarship is given to one or more women studying engineering and actively participating in a leadership role in a student club.

III. Organization and Administration
The setup was relatively simple. Four milk jugs with major names on them. These milk jugs were held in the engineering administrative assistant’s office. At the end, 8 Tau Beta Pi members counted the money.

IV. Cost
There were no costs to this event.

V. Special Problems
None

VI. Overall Evaluation/Results
$150 were raised for the scholarship. The Electrical Engineers won this event.

VII. List of Attendees
Attendees present for the counting
Artmiz Golkaramnay
Timothy Clemens
Jaani Barclay
Elizabeth Ells
Project Name: Engineer’s Week Banquet

Dates of Project: February 24, 2017

Project Area: College/University

Number of Persons Participated: Members: 13

Hours Spent on this Project: Organization: 2
 Participation: 2

Description of Project:

I. **General Description**
   This event celebrates the end of Engineer’s Week. All engineering students and faculty are invited to share a meal and see the award given to the department which wins Engineer’s Week.

II. **Purpose & Relationship to Objectives of Tau Beta Pi**
   This event allows the school to socialize while dining on food provided outside of the university’s food service. The winners of Engineer’s Week are recognized for their efforts.

III. **Organization and Administration**
   The David Crawford School of Engineering booked the facility and the catering. The chapter set up the room, served the food, and cleaned up after the event.

IV. **Cost**
   $1000, covered by the David Crawford School of Engineering.

V. **Special Problems**
   None

VI. **Overall Evaluation/Results**
   The Civil Engineering Department was announced as the winners of this year’s Engineer’s Week. All involved had a good time and a good meal.

VII. **List of Attendees**
   Artmiz Golkaramnay
   Timothy Clemens
   Stefan Koberl
   John Johnston
   David Rogers
   Zackary White
   Jaani Barclay
   Elizabeth Ells
Jessica Fulk
Brandon Lambert
Deborah McNally
Patrick Millington
Cassidy Valinski
Project Name: Spring Initiation

Dates of Project: March 21, 2017

Project Area: Chapter

Number of Persons Participated: Members: 19

Hours Spent on this Project: Organization: ½
Participation: 1

Description of Project:

I. General Description
The chapter carried out the initiation of approved electees in accordance with the Tau Beta Pi Initiation Ritual. One alumnus and one eminent engineer were initiated in the Spring Semester Initiation with the assistance of Norwich University’s Head of Electrical and Computer Engineering, Doctor Michael Prairie, VT B ‘83.

II. Purpose & Relationship to Objectives of Tau Beta Pi
New member initiation is vital to the survival and continuity of the Vermont Beta Chapter of Tau Beta Pi.

III. Organization and Administration
Initiation was planned and performed by the current members of Vermont Beta with the assistance of Doctor Prairie.

IV. Cost
None.

V. Special Problems
None.

VI. Overall Evaluation/Results
The initiation was successful and was carried out with all proper gravity and ceremony.

VII. List of Attendees
Artmiz Golkaramnay
Timothy Clemens
Stefan Koberl
John Johnston
David Rogers
Zackary White
Jaani Barclay
Elizabeth Ells
Jessica Fulk
Brandon Lambert
Deborah McNally
Patrick Millington
Braeden Ostepchuk
Cassidy Valinski
Joana Athanasi
Greg Dusseault
Tyler Jones
Garret Rose
Andrew van Buskirk
Project Name: Initiation Reception
Dates of Project: March 21, 2017
Project Area: Chapter/Social
Number of Persons Participated: Members: 19
Hours Spent on this Project: Organization: 1 ½
Participation: 2

Description of Project:

I. General Description
Following the spring initiation, the chapter went out to dinner at a local restaurant.

II. Purpose & Relationship to Objectives of Tau Beta Pi
The reception allowed the chapter to celebrate the initiation of new members, socialize, and speak with fellow Tau Bates and professors.

III. Organization and Administration
The chapter booked dinner reservations with a local restaurant.

IV. Cost
$200.

V. Special Problems
None.

VI. Overall Evaluation/Results
The chapter enjoyed a dinner and celebrated the induction of new members.

VII. List of Attendees
Artmiz Golkaramnay
Timothy Clemens
Stefan Koberl
John Johnston
David Rogers
Zackary White
Jaani Barclay
Elizabeth Ells
Jessica Fulk
Brandon Lambert
Deborah McNally
Patrick Millington
Braeden Ostepchuk
Cassidy Valinski
Joana Athanasi
Greg Dusseault
Tyler Jones
Garret Rose
Andrew van Buskirk
Project Name: District One Conference

Dates of Project: April 8-9, 2017

Project Area: Chapter

Number of Persons Participated: Members: 4

Hours Spent on this Project:
- Organization: ½
- Participation: roughly 24

Description of Project:

I. General Description
Four members travelled to the University of New Hampshire. The event started on Saturday with some fun activities and workshops. A District dinner was had on the Saturday evening. On Sunday, there was a report workshop and a lunch.

II. Purpose & Relationship to Objectives of Tau Beta Pi
The conference provided members with a chance to learn more about Tau Beta Pi, to meet district directors, as well as other district chapters to network, troubleshoot, and plan

III. Organization and Administration
Transportation was coordinated by a chapter advisor. The accommodations, meals and scheduling were coordinated by the district directors.

IV. Cost
All costs were covered by the association.

V. Special Problems
None.

VI. Overall Evaluation/Results
The event was an overall success. All members were enlightened about the Tau Beta Pi association and the responsibilities of executive members.

VII. List of Attendees
Artmiz Golkaramnay
Timothy Clemens
Braeden Ostepchuk
Joana Athanasi
Project Name: Engineering Roast

Dates of Project: April 25, 2017

Project Area: University/Social

Number of Persons Participated: Members: 17

Hours Spent on this Project: Organization: 1 ½
Participation: 1

Description of Project:

I. General Description
This annual event allows seniors from each engineering major to showcase a video lampooning their professors. Refreshments are served during this informal event.

II. Purpose & Relationship to Objectives of Tau Beta Pi
Students and faculty have an opportunity to socialize and have a laugh at themselves before finals.

III. Organization and Administration
Space for the roast was booked with the David Crawford School of Engineering. Food and beverages needed to be ordered for the event.

IV. Cost
$300 for pizza and drinks.

V. Special Problems
None.

VI. Overall Evaluation/Results
A good time was had by all.

VII. List of Attendees
Artmiz Golkaramnay
Timothy Clemens
Stefan Koberl
David Rogers
Zackary White
Jaani Barclay
Elizabeth Ells
Jessica Fulk
Brandon Lambert
Deborah McNally
Patrick Millington
Braeden Ostepchuk
Cassidy Valinski
Joana Athanasi
Greg Dusseault
Tyler Jones
Andrew van Buskirk
The Tau Beta Pi Association
Chapter Project Report

Vermont Beta Chapter
Project Number 31

Project Name: Awards Voting
Dates of Project: March 14, 2017
Project Area: Chapter
Number of Persons Participated: Members: 14

Hours Spent on this Project: Organization: ¼
Participation: ½

Description of Project:

I. General Description
A vote was taken place for three awards. One award was voted for the Junior with the
greatest contribution to the chapter, one to the senior with the greatest contribution to the
chapter and one to the person who best demonstrates the ideals of Tau Beta Pi.

II. Purpose & Relationship to Objectives of Tau Beta Pi
Recognize individual members’ contributions to the Tau Beta Pi chapter.

III. Organization and Administration
The meeting was organized by email. The awards that needed to be voted on were given
by the School of Engineering’s administrative assistant. An empty classroom was used for
the location.

IV. Cost
These awards came with a total of $1000 worth of scholarships covered by a scholarship
fund.

V. Special Problems
None

VI. Overall Evaluation/Results
The Junior winner was Elizabeth Ells. Both the other awards were won by the chapter
president, Artmiz Golkaramnay.

VII. List of Attendees
Artmiz Golkaramnay
Timothy Clemens
Stefan Koberl
John Johnston
David Rogers
Zackary White
Jaani Barclay
Elizabeth Ells
Jessica Fulk
Brandon Lambert
Deborah McNally
Patrick Millington
Braeden Ostepchuk
Cassidy Valinski
Membership Timeline Summary

**Fall Term:**
Number of members: 4
Number of electees: 14
Number of Initiates: 8
Date of Fall Initiation: November 3, 2016

**Spring Term:**
Number of members: 14
Number of electees: 6
Number of Initiates: 5
Date of Spring Initiation: March 21, 2017

**Membership Participation:**
- Artmiz Golkaramnay 26/31
- Timothy Clemens 23/31
- Stefan Koberl 17/31
- John Johnston 17/31
- David Rogers 25/31
- Zackary White 20/31
- Jaani Barclay 22/31
- Elizabeth Ells 20/31
- Jessica Fulk 23/31
- Brandon Lambert 23/31
- Deborah McNally 23/31
- Patrick Millington 19/31
- Braeden Ostepchuk 20/31
- Cassidy Valinski 20/31
- Joana Athanasi 5/31
- Greg Dusseault 4/31
- Tyler Jones 4/31
- Garret Rose 3/31
- Andrew van Buskirk 4/31