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<td>Pond Gap 4</td>
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<td>Lonsdale 4</td>
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<td>Pond Gap 5</td>
<td>57</td>
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<tr>
<td>Pond Gap 6</td>
<td>59</td>
</tr>
<tr>
<td>Lonsdale 6</td>
<td>60</td>
</tr>
</tbody>
</table>
Survey Date: 05/06/2015

1) How does your chapter secure class rankings?
   a) President requests from Registrar.

2) What is your chapter’s total initiation fee (including national fee of $45.00)
   a) Students: $85.00
   b) Eminent Engineers: $85.00

3) a) How do you notify candidates of their eligibility?
   i) Letter
   ii) Email
   b) Have you ever tried to personally contact candidates?
   i) No
   ii) Planning out the logistics is the main issue.
   c) Does your chapter obtain information for candidates?
   i) Yes
   ii) Email

4) a) How do you notify electees?
   i) Email
   b) Have you ever tried to personally contact electees?
   i) We tried sending hand delivered letters this year and that was very difficult because of logistics.

5) a) Do you require project work to become a member?
   i) Yes
   ii) 2 Hours
   b) Do you require project work to remain an active member?
   i) Yes
   ii) 2 Hours

6) Did your chapter send a letter to candidates/electees/parents from your dean?
   a) The candidates were VERY impressed.

7) Did your chapter use the invitations available from Headquarters?
   a) We used a template of the “Dean’s Letter” that the previous year’s board gave us.

8) Was your chapter able to initiate “one more” electee than the previous year?
   a) It was very difficult to generate interest this year.

9) Do you talk to freshman/sophomore engineering students?
   a) Yes
10) How many meetings did your chapter have this year?
   a) Advisory Board: 0
   b) Initiation: 5
   c) Business: 2
   d) Social: 7

11) How many chapter members attend meetings on average?
   a) Advisory Board: 0
   b) Initiation: 5
   c) Business: 10
   d) Social: 30

12) What action does your chapter take against a member for non-attendance?
   a) Reprimand.

13) How many Advisors does your chapter have?
   a) How many advisors does your chapter have?
      i) 4
   b) How informed are your advisors concerning your chapter’s condition and activities?
      i) Moderately

14) How well do the students, faculty, and staff in your engineering school know about Tau Beta Pi?
   a) Somewhat

15) How well do members of your community know about Tau Beta Pi?
   a) Somewhat

16) How often are projects and programs of your chapter given publicity?
   a) Sometimes

17) Are new initiates given public recognition?
   a) Frequently

18) How do retiring officers communicate duties and responsibilities to their successors?
   a) We have a transition meeting at the Director’s house.
   b) We also meet individually to explain our duties and responsibilities.

19) Is there an active Tau Beta Pi Alumni chapter in your vicinity?
   a) Yes. We do cooperate with them.

20) Do you communicate with your chapter’s alumni?
   a) Yes. We have invited them to initiation.

21) Does your chapter have a current and functioning website?
   a) No.

22) Do you read the quarterly publication of The Bulletin on the website?
   a) Yes.

23) Did your chapter participate in any of the following programs?
    i) District
    ii) K-12 Mindset
    iii) Laureate
    iv) Tutoring/other K-12 activites
b) To what extent in the District/Engineering Futures Programs?
   i) Attended District conference.
24) Did your chapter celebrate Pi Day?
   a) We performed a Pi Day Catapult competition with a local STEM high school
   b) We need to improve on planning and coordination of large events with outside schools.
25) Did a district director visit your chapter this year?
   a) No
26) How many projects did your chapter conduct this past year?
   a) ?
27) What Tau Beta Pi member benefits did your chapter members enjoy?
   a) Networking opportunities.
28) What new member benefits would you like to have as a member?
   a) Discounts on the FE and GRE.
29) Name of the person submitting survey?
   a) Chirag Tailor
The Tau Beta Pi Association
Chapter: TN Alpha
Project number: 1

Project name: Officer Meeting  Date(s) of Project: 9/2/2014
Area: [X] Chapter/ Social

Number of persons who participated in this project: Members: 11  Electees: 0

Brandon Russell Hotsinpiller  Carter Glenn Mcveigh  Chirag Kishor Tailor
David Joshua Conner  Julie Beth Hipp  Julie Beth Hipp
Nolan Kyle Perry  Pranshu Bansal  Sarah Chapin Combee
Whitney Jawan Smith

Hours spent on this project: Organizing: 0.5  Participating: 1.5

DESCRIPTION:
I. General Description: First Officers meeting of the semester. Set to discuss future business, and current administrative issues, as well as delegate tasks among officers.

II. Purpose & Relationship to Objectives of TBP: Organization of future chapter events.

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

IV. Cost & Personnel Requirements: None

V. Special Problems: None

VI. Overall Evaluation/Results (Be Specific): Meeting was held for officers to discuss: Re-election of Dr. Pionke as our chief advisor, updating the email list to match our current roster, plan the distribution of initiation letters, and plan and prepare for our business start-up seminar with Jeremy Tunnel.
The Tau Beta Pi Association Chapter: TN Alpha

Chapter Project Report

Project name: Entrepreneurship Seminar with Jeremy Tunnell
Date(s) of Project: 9/30/2014

Project: [X] University/College  [X] Profession/Engineering
Area: [X] Education/Prof. Dev.

Number of persons who participated in this project
Members: 40 Electees: 0

Adam James Hasse         Hunter Nathaniel Ratliff         Nathan Russell Powell
Amanda Patrice Scott      James Joseph Cashion            Nikhil Mohan Patel
Anna Alysse Ness          Jonah David Duran              Nolan Kyle Perry
Benjamin David Parrott    Jordan Mitchell Parker         Patrick Ray Bias
Benton Edward Garrison    Jordi Izban                    Phoebe Elizabeth Fogelman
Brandon Russell Hotsinpiller Joseph Richard Dorris        Pranshu Bansal
Carter Glenn Mcveigh      Julie Beth Hipp                Robert Blake Wilkerson
Chase Gordon Givens       Kristin Leigh Woodward        Sarah Chapin Combee
Chirag Kishor Tailor      Megan Elizabeth Farell        Tyler Jon Sprouse
Christopher Michael Ludtka Michael Stephen Fields         Victoria Chamblee Collier
David Joshua Conner       Molly Elizabeth Wintenberg      Vincent Andrew Aloi
David Michael Harris      Natalie Ann Rayfield           Whitney Jawan Smith
David Michael Klumpe      Natalie Rene Beitel           Wilson Parrs Parker
Emma Katherine Hollmann

Hours spent on this project. Organizing: 2.5 Participating: 2

DESCRIPTION:

I. General Description: General body meeting. Guest Speaker was Jeremiah Tunnell from Stackoverflow.com. Jeremey gave a presentation on business start-ups and entrepreneurship.

II. Purpose & Relationship to Objectives of TBP: General Body Meeting. Was designed to help give advice to members who were interested in starting their own businesses.
III. Organization & Administration: (in conjunction with another group?) [ X ] Yes
In conjunction with the Institute of Electrical and Electronic Engineers.

IV. Cost & Personnel Requirements: $125.17 No additional personnel Requirements

V. Special Problems: N/A

VI. Overall Evaluation/Results (Be Specific): Jeremy Tunnell from stack overflow gave a 2 hour lecture filled with advice for business startups. Overall, 40 Tennessee Alpha members were in attendance, as well as about 20 IEE members.
The Tau Beta Pi Association  Chapter: TN Alpha
Chapter Project Report  Project number: 3

Project name: Engineers Day Planning Meetings with Dean
Date(s) of Project: 8/12/2014, 9/4/2014, 9/30/2014, 10/13/2014, 11/13/14

New Project ___  Recurring Project: [ X ]

Project: [ X ] University/ College
Area: [ X ] Education/ Prof. Dev. [ X ] K-12/MindSET

Number of persons who participated in this project  Members: _2_  Electees: ___

<table>
<thead>
<tr>
<th>Member</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phoebe Fogelman</td>
<td>6</td>
</tr>
<tr>
<td>Brandon Hotsinpiller</td>
<td>5</td>
</tr>
</tbody>
</table>

Hours spent on this project.  Organizing: _1_  Participating: _5_

DESCRIPTION:

I. General Description:

Engineers Day Chair and Co-chair meet regularly with the Dean and selected office staff in the weeks preceding Engineers Day to plan and share information. A final meeting after the event is used to discuss and evaluate the event in order to start preparations for the following year.

II. Purpose & Relationship to Objectives of TBP:

These meetings help maintain communication between Tau Beta Pi and the College of Engineering administration. The administration’s input on future service projects is extremely valuable and helps TBP channel its resources most effectively.

III. Organization & Administration:

In conjunction with another group? ___ Yes  [ X ] No

IV. Cost & Personnel Requirements:

Engineers Day Chair and Co-chair

V. Special Problems:

There were no special problems encountered during the series of meetings.
VI. Overall Evaluation/Results:

Meetings with the Dean and his Assistant were extremely beneficial, in particular for organizing the video from the Internation Space Station. He also was a great help in contacting potential judges. Permission to CC him on emails that were getting no reply also expedited almost every communication. The frequency of these meetings was sufficient but not excessive, and a similar schedule would be appropriate next year.
The Tau Beta Pi Association
Chapter: TN Alpha
Chapter Project Report
Project number: 4

Project name: Engineers Day Local School Communication
Date(s) of Project: 8/1/15-10/23/15

New Project: __
Recurring Project: [ X ]

Project: [ X ] Community/ Liberal Culture
Area: [ X ] Education/ Prof. Dev. [ X ] K-12/MindSET

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

Member Hours
Phoebe Fogelman 4
Brandon Hotsinpiller 2

Hours spent on this project: 3

DESCRIPTION:

I. General Description:

Engineers Day Chair and Co-Chair are responsible for responding to emails from students and teachers regarding competition rules and/or event logistics.

II. Purpose & Relationship to Objectives of TBP:

Communication with local schools ensures that the event runs smoothly and that there are no misunderstandings. Organized chapter activities are important for the reputation of the chapter and continued participation.

III. Organization & Administration:

In conjunction with another group? ___ Yes [ X ] No

IV. Cost & Personnel Requirements:

Engineers Day Chair and Co-chair handle the emails. Sometimes advice from the Dean or other members of the College of Engineering is sought.

V. Special Problems:

There were no exceptional issues with this year’s communication.
The student organization exhibit competition is part of Engineers Day each year. To encourage organizations such as ASCE, AMSE, etc. to prepare the most engaging and educational activities for visiting high school students, Tau Beta Pi invites members of the local engineering community to serve as judges. These judges are escorted to various exhibits by Tau Beta Pi volunteers. They fill out score cards, and winners are announced.

II. Purpose & Relationship to Objectives of TBP:

The event involves local professionals, including University of Tennessee and Tau Beta Pi alumni. It provides a networking opportunity for students serving as judge escorts and allows judges to stay informed about changes to the campus and the general state of engineering education. Additionally, the competition tremendously
improves the involvement of other engineering organizations. With more exhibits, high school students get to learn more about various aspects of engineering, which is the main purpose of Engineers Day.

III. Organization & Administration:
   In conjunction with another group? _X_ Yes ___ No
   Communication with other organization leaders is essential.

IV. Cost and Personnel Requirements

   The College of Engineering covered the cost of gifts for the judges (insulated portable lunchboxes with the UTK COE emblem) and the provided meals (breakfast and lunch) for both judges and escorts.

V. Special Problems:

   A few organizations did not set up in their assigned locations (see attached map and roster for location planning and directions). These organizations were unfortunately not judged.

VI. Overall Evaluation/Results

   A. Judge Recruitment
      The efforts to recruit a diverse judging panel were extremely successful this year. Sixteen judges participated. In addition to those that are habitual participants, with 8+ years of experience, more recent graduates and other local engineers were recruited by contacting the local chapter of the Society of Professional Engineers.

   B. Participation of Student Organizations
      There were 32 participating student organizations. Exhibits ranged from very simple (just a poster and maybe a game) to quite elaborate (multi-room exhibits of research equipment and results). Many organizations were added at the last minute due to out-of-date officer information or overlooked emails.

   C. Feedback from Participants
      The judges agreed that the day went smoothly. Most enjoyed seeing the Engineering campus, rather than having all of the exhibits in a single building. The judges would have liked to see numerical score-cards, rather than plus/minus/check. Both judges and participating organizations would have appreciated results sooner as well.

   D. Recommendations for Future
      • Make scorecards numerical, as suggested by judges
• Have a google doc where escorts can mark which exhibits they’ve visited with their judges. That way there can be consistent communication via smartphone to ensure that all exhibits are judged somewhat equally.
• Write up an official summary and send to judges and participating organizations

VII. Index of Exhibits

<table>
<thead>
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<th>Organization</th>
<th>Area #</th>
<th>Exhibit/Organization Full Title</th>
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<td>Kicking Ice</td>
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<td>American Society of Civil Engineers</td>
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<td>Army ROTC</td>
<td>14,15</td>
<td>Army ROTC</td>
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<td>Perkins, 1st floor</td>
<td>Low Cost X-Ray Machine for Developing Countries</td>
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<td>ASHRAE</td>
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<td>Career Services</td>
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<td>Career Services</td>
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<tr>
<td>CURENT booth</td>
<td>4th floor of Min Kao</td>
<td>CURENT: Powering Professionals to Advance the Electric Grid</td>
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<tr>
<td>EcoCar</td>
<td>By Dougherty (on sidewalk in front)</td>
<td>EcoCar: The Future of Transportation</td>
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<td>Engineering Ambassadors</td>
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<td>Estabrook</td>
<td>Design Lab Tour</td>
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<td>Engineering Professional Practice</td>
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<td>Engineering Professional Practice</td>
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<td>Location</td>
<td>Description</td>
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<td>ITE</td>
<td>Tickle Building Rooms 304,305,310</td>
<td>Working Hard to Make Life Easy</td>
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<td>13</td>
<td>Driving Technology Forward: Transportation for the Modern World</td>
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<td>NSBE</td>
<td>24,25</td>
<td>Engineering is a Blast (off)!: Water Bottle Rocket Design Contest</td>
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<td>Pi Tau Sigma</td>
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<td>Mechanical Engineering: Many Degrees of Freedom</td>
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<tr>
<td>SWE</td>
<td>9,10</td>
<td>Networking Makes Life SWEeter</td>
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<td>Systers</td>
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<td>Systers: Women in EECS @ UTK</td>
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<td>Tau Beta Pi</td>
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<td>From Slide Rules to Supercomputers: 130 Years of Engineering Excellence</td>
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<td>TSPE</td>
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<td>Tennessee Society of Professional Engineers</td>
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<tr>
<td>UT Amateur Radio Club</td>
<td>Min Kao 6th floor balcony</td>
<td>University of Tennessee Amateur Radio Club</td>
</tr>
<tr>
<td>UT BMES</td>
<td>18,19</td>
<td>Biomedical Engineering: 'Hip' Healthcare, Neural Implants, and Biomedicine</td>
</tr>
</tbody>
</table>
VIII. Organization Layout
The following map was sent to organization leaders and judge escorts. It was also posted at the location where the organizations picked up chairs and tables for their exhibits.
The Tau Beta Pi Association
Chapter: TN Alpha
Chapter Project Report

Project name: Engineers Day Logistics
Date(s) of Project: 10/23/15

New Project ___ Recurring Project: [ X ]

Number of persons who participated in this project: 
Members: 8
Electees: 6

<table>
<thead>
<tr>
<th>Member</th>
<th>Hours</th>
<th>Electee</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Joe Ulrich</td>
<td>1.5</td>
<td>Duncan Greeley</td>
<td>2.5</td>
</tr>
<tr>
<td>Trevor Watson</td>
<td>1.5</td>
<td>William Hawks</td>
<td>1.5</td>
</tr>
<tr>
<td>Jonah Duran</td>
<td>1.5</td>
<td>Barbara Smith</td>
<td>1</td>
</tr>
<tr>
<td>Andrew Owens</td>
<td>1.5</td>
<td>Hope Newberry</td>
<td>1</td>
</tr>
<tr>
<td>Sarah Combee</td>
<td>1.5</td>
<td>Neel Patel</td>
<td>3</td>
</tr>
<tr>
<td>Mitchell Shope</td>
<td>1.5</td>
<td>William Twickler</td>
<td>1</td>
</tr>
<tr>
<td>Natalie Beitel</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phoebe Fogelman</td>
<td>1.5</td>
<td></td>
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</tr>
</tbody>
</table>

Hours spent on this project. Organizing: 1 Participating: 1.5

DESCRIPTION:

I. General Description:

This project encompasses putting out and collecting signs to direct traffic and parking, sign-in, and transportation of bus drivers from bus parking location to Engineering campus.

II. Purpose & Relationship to Objectives of TBP:

Sign-in is very important, as it allows us to track growth of the event over the years. Without good signs and volunteers to direct traffic, the morning of Engineers Day would be chaotic and dangerous.

III. Organization & Administration:

In conjunction with another group? [ X ] Yes ___ No

College of Engineering Ambassadors worked with Tau Beta Pi members/initiates on registration and transportation.
IV. Cost & Personnel Requirements:

Cost is negligible, as signs are reused each year. A great deal of manpower is required, however. Tau Beta Pi was able to provide about half of the necessary volunteers, and Engineering Ambassadors filled the rest of the positions.

V. Special Problems:

Finding a driver for the van that transports bus drivers from the bus parking lot to the Engineering campus has traditionally been difficult. Two drivers are preferred, but the Tau Beta Pi volunteer said he could work all day. He unexpectedly got called into work, though. Two Engineering Ambassadors stepped in and finished most of the day. However, they returned the van to the motor pool before all bus drivers were accounted for, leaving one driver essentially stranded. He found a ride back to the parking lot, but bus driver transportation was undoubtedly the most stressful part of the event.

VI. Overall Evaluation/Results:

Apart from the aforementioned transportation snafu, logistics ran mainly according to plan. The only other issue was that some of the schools did not sign in because the auditorium was full. Although there was a secondary check-in location, most just started looking at exhibits an hour early. Therefore the count was off by about 400 students (~1300 vs. the pre-registered 1700). The best way to prevent this from happening again would be to keep a list of schools on a Google document. This document will be open at the sign-in tables and at all competition locations. Competition volunteers will be instructed to check the document before allowing students to participate. If the student’s school is not marked as signed-in, the students cannot participate until the teacher has come to the location and checked in. Once they have done so, the competition volunteers can update the document in real-time, allowing students from the same school to participate in other competitions without further complications.

In the future, it would also be good if Tau Beta Pi volunteers contributed more to this aspect of Engineers Day.
The Tau Beta Pi Association  Chapter:  TN Alpha  
Chapter Project Report  Project number:  7

Project name: Engineers Day Opening Ceremonies  
Date(s) of Project:  10/23/15

New Project ___  Recurring Project: [ X ]

Project: [ X ] Community/Liberal Culture  
Area:  [ X ] Education/ Prof. Dev.  [ X ] K-12/MindSET

Number of persons who participated in this project  
Members:  _6_  
Electees:  _1_

<table>
<thead>
<tr>
<th>Member</th>
<th>Hours</th>
<th>Electee</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phoebe Fogelman</td>
<td>4</td>
<td>Daniel Williams</td>
<td>1</td>
</tr>
<tr>
<td>Brandon Hotsinpiller</td>
<td>2</td>
<td>Libby Fortunato</td>
<td>1</td>
</tr>
<tr>
<td>Patrick Jarman</td>
<td>1</td>
<td>Kristin Woodward</td>
<td>1</td>
</tr>
<tr>
<td>Alysse Ness</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Hours spent on this project.  
Organizing:  _2_  
Participating:  _1_

DESCRIPTION:

I. General Description:

All participating high school students, judges, and escorts gathered in the auditorium for speeches by the Engineers Day Chair and Dean of the College of Engineering. A video from the International Space Station featuring Barry Wilmore, UT Engineering Alum, was shown.

II. Purpose & Relationship to Objectives of TBP

The Chair’s speech is an opportunity to give some of the history of Tau Beta Pi and the Engineers Day tradition at UT. The Dean’s speech summarizes growth in the college of Engineering and future expansions. Many of the students will consider the University of Tennessee when choosing an Engineering program, so the Dean’s speech is also part of recruiting. The video from the Space Station was a great way to show potential future activities of someone with an Engineering degree.

III. Organization & Administration:

In conjunction with another group?  [ X ] Yes  ___ No
The Media and Communications department of the College of Engineering was instrumental in contacting Mr. Wilmore and his supervisors on Earth to arrange the video.

IV. Cost & Personnel Requirements:

The auditorium had to be reserved, and tech support was also necessary. Any payments for special equipment or Mr. Wilmore’s time were covered by the Media and Communications department.

V. Special Problems:

Due to the event’s rapid growth, there were more students participating than were allowed in the auditorium (per fire code). A second ceremony had to be conducted concurrently, where the co-Chair and Associate Dean for Faculty Affairs spoke. The same video from the ISS was shown.

VI. Overall Evaluation/Results:

Having video from the ISS was especially exciting this year. In the past (and probably in the future), there will be a guest speaker instead. The venue may need to be changed next year to avoid overcrowding. Although the dual ceremony worked with the pre-recorded video, a live stream of a guest speaker would be more difficult.

VII. Historical Documentation

The following photograph documents the video displayed as well as the packed auditorium and is therefore a good representation of the project.
The Tau Beta Pi Association

Chapter Project Report

Project name: Engineers Day Quiz Bowl
Date(s) of Project: 10/23/15

New Project ___ Recurring Project: [ X ]

Project: [ X ] Community/ Liberal Culture
Area: [ X ] Education/ Prof. Dev. [ X ] K-12/MindSET

Number of persons who participated in this project Members: 4 Electees: 1

<table>
<thead>
<tr>
<th>Member</th>
<th>Hours</th>
<th>Electee</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brandon Hotsinpiller</td>
<td>25</td>
<td>Beini Chen</td>
<td>2</td>
</tr>
<tr>
<td>Chirag Tailor</td>
<td>2</td>
<td>Kylie White</td>
<td></td>
</tr>
<tr>
<td>Tyler Sprouse</td>
<td>2.5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Hours spent on this project. Organizing: 22 Participating: 3

DESCRIPTION:

I. General Description:

Quiz bowl teams consist of a maximum of four members from a school. Mixing schools is permitted as long as the team does not exceed 4 members. The competition consists of an hour-long multiple choice round, from which 5 teams proceed to a second 15-minute multiple choice round. The top 2 teams then compete for first in a jeopardy-style final round.

II. Purpose & Relationship to Objectives of TBP:

Quiz Bowl is the main competition of Engineers Day, since winners receive a trophy and a photo with the Dean. Many of the questions incorporate Tau Beta Pi facts from the booth or the opening ceremony, which also makes TBP more visible at the event. In many ways, the quiz bowl levels the playing field for students from diverse backgrounds, since most questions rely on logic or information found at the event.

III. Organization & Administration:

In conjunction with another group? ___ Yes [ X ] No
IV. Cost & Personnel Requirements:

All photocopies are made in the College of Engineering office. Four grading volunteers from Tau Beta Pi are needed. Buzzers are provided by a professor in the department of Electrical Engineering.

V. Special Problems:

Adjustments to normal competition procedures had to be made due to the results of the second round. All of the teams that advanced to the second round managed to receive a perfect score in the second round. There were enough buzzers to allow up to four teams to compete if necessary, so a sudden death round was developed to separate at least one team from the others. Questions were given one at a time and each team submitted an answer. As soon as a question eliminated at least one team, the others advanced to the final round. After a few questions all but one team got the correct answer so those four teams advanced.

VI. Overall Evaluation/Results:

In the final round one team (Houston High School) topped the others for first place while two other teams (both from Farragut High School) tied for second place. Although the event did not follow its usual progression, the event was quite a success. The inclusion of the sudden death tie breaker added some excitement to the event and having more teams than usual in the final round allowed more students to get that special experience of competing for the top spot. The winners had their pictures taken and the event will continue to be a part of Engineers Day next year.

VII. Historical Documentation:
The Tau Beta Pi Association
Chapter: TN Alpha
Project number: 9

Project name: Engineers Day Tau Beta Pi Booth
Date(s) of Project: 10/23/15

New Project ___ Recurring Project: [ X ]

Project: [ X ] University/ College
Area: [ X ] K-12/MindSET

Number of persons who participated in this project
Members: _5_ Electees: ___

<table>
<thead>
<tr>
<th>Members</th>
<th>Hours</th>
<th>Members</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phoebe Fogelman</td>
<td>6</td>
<td>Kaitlyn Darby</td>
<td>2</td>
</tr>
<tr>
<td>Megan Farell</td>
<td>1</td>
<td>Josh Penney</td>
<td>1</td>
</tr>
<tr>
<td>JR Creekmore</td>
<td>2</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Hours spent on this project. Organizing: _6_ Participating: _2_

DESCRIPTION:

I. General Description:

Although Tau Beta Pi does not participate in the organization exhibit competition, it’s still important to be visible at the event. The booth consists of a poster and props.

II. Purpose & Relationship to Objectives of TBP:

The booth helps raise awareness of Tau Beta Pi presence and history on campus. It also lends the opportunity to emphasize aspects of engineering that other booths may have not. For example, this year’s poster had a list of public figures with backgrounds in engineering.

III. Organization & Administration:

In conjunction with another group? ___ Yes [ X ] No

IV. Cost & Personnel Requirements:

The only costs were the poster board and decorating material. Brochures, small posters, and props were borrowed from Tau Beta Pi national headquarters on campus. Volunteers from Tau Beta Pi were needed to oversee the booth and answer questions.
V. Special Problems:

There were no exceptional circumstances, and a similar experience can be expected in future years.

VI. Overall Evaluation/Results:

The two major areas for improvement on this project are the quality of the poster and the engagement of Tau Beta Pi members. A much-improved poster has already been printed for use next year and as a template for future years. Incentives for member participation might be the best way to get volunteers, as some shifts were covered at the very last minute.

VII. Historical Documentation:

The photo below shows the poster created for Engineers Day and the booth.
The Tau Beta Pi Association  
Chapter:  
TN Alpha  
Project number:  
10  

Project name: Engineers Day Student Competitions  
Date(s) of Project:  
10/23/15  

New Project ___  Recurring Project: [ X ]  

Project:  
[ X ] Community/ Liberal Culture  
Area:  
[ X ] Education/ Prof. Dev.  
[ X ] K-12/MindSET  

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

Members  
Phoebe Fogelman  
Brandon Hotsinpiller  

6  

Hours spent on this project.  
Organizing:  
5  
Participating:  
1  

DESCRIPTION:  

I. General Description:  
Students from participating schools have the opportunity to enter in one or more of several competitions. These contests are sponsored by other organizations, and Tau Beta Pi oversees the registration and scheduling for each competition.  

II. Purpose & Relationship to Objectives of TBP:  
These competitions do an excellent job of engaging local high school students and introducing engineering problem-solving skills. It also allows Tau Beta Pi officers to become acquainted with other student leaders, which is helpful for planning events later in the Fall or in the Spring semester.  

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

IV. Cost & Personnel Requirements:  
Contest sponsors or participating schools cover the cost of materials for all competitions. Sponsoring organizations are responsible for recruiting their own volunteers to run the competitions.
V. Special Problems:

Certain competitions, in particular the egg drop, are extremely popular. There were so many participants that the line to test was spilling onto the sidewalk and blocking the doors. While not a major problem because classes were cancelled for the event, time is a factor. Students standing in line all day did not have the opportunity to visit the exhibits.

VI. List of Competitions and Sponsoring Organizations

<table>
<thead>
<tr>
<th>Organization</th>
<th>Contest</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Nuclear Society</td>
<td>Radiation Shielding</td>
</tr>
<tr>
<td>American Society of Civil Engineers</td>
<td>Balsa Bridge Competition</td>
</tr>
<tr>
<td>Materials Advantage/Research</td>
<td>Egg Drop</td>
</tr>
<tr>
<td>Materials Advantage/Research</td>
<td>Food Battery</td>
</tr>
<tr>
<td>Society of Hispanic Professional Engineers</td>
<td>Windmill Competition</td>
</tr>
</tbody>
</table>

VII. Overall Evaluation/Results (Be Specific):

Overall, the competitions were very well-executed. As previously mentioned, the growing number of egg drop participants may pose a scheduling challenge in the coming years. Also, the American Society of Civil Engineers changed the usual testing method to incorporate newly available lab equipment. This method took longer, and there were issues with testing certain designs. Although the students enjoyed seeing the lab facilities, the previous method was both quicker and more exciting.

The number of organizations requesting to sponsor competitions has increased greatly. Due to the limited school day, students have to choose between competing and visiting exhibits. Therefore, the number of competitions may have to be capped and organizations rotate or submit proposals to determine which contests will take place each year.

VIII. Historical Documentation

The following pictures show a few of the competitions from this year’s event.
Food Battery Competition

Egg Drop Competition
The Tau Beta Pi Association  Chapter:  TN Alpha  
Chapter Project Report  
Project number:  11

Project name: Officer Meeting  Date(s) of Project:  10/7/2014

Area:  [ X ] Chapter/ Social

Number of persons who participated in this project  Members:  9  Electees:  

Hours spent on this project.  Organizing:  0.5  Participating:  1

DESCRIPTION:

I. General Description: Second Officers meeting of the semester. Set to discuss future business, and current administrative issues, as well as delegate tasks among officers. Meeting was also made to discuss initiation.

II. Purpose & Relationship to Objectives of TBP: Organization of future chapter social events and initiation.

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

IV. Cost & Personnel Requirements: None

V. Special Problems: None

VI. Overall Evaluation/Results (Be Specific): Officers met to plan for upcoming fall initiation and plan a social event (Trivia Night at the Tin Roof).
The Tau Beta Pi Association

Chapter Project Report

Chapter: TN Alpha
Project number: 12

Project name: Fall Interest Meeting for New Initiates
Date(s) of Project: 10/14/2015

Project [X] University/ College
Area: [X] Chapter/ Social

Number of persons who participated in this project
Members: _2_  Electees: _20_

Hours spent on this project.
Organizing: _2_  Participating: _1_

DESCRIPTION:

I. General Description: In order to gauge the interest in our new initiates, we conduct this meeting each semester to find out who is interested in joining and to motivate other initiates into joining.

II. Purpose & Relationship to Objectives of TBP: In this meeting, we talk about the goals of Tau Beta Pi and our purpose as an organization. We talk about the exemplary character and scholarship that we expect each member to exhibit.

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

A presentation was prepared and a room was reserved with the University Registrar.

IV. Cost & Personnel Requirements: N/A

V. Special Problems: There was not existing materials for this meeting so they had to be prepared for this first time.

VI. Overall Evaluation/Results (Be Specific): Many initiates who participated in this meeting choose to join this semester, so overall, it was a successful meeting.
The Tau Beta Pi Association  
Chapter:  TN Alpha

Chapter Project Report

Project name: Initiation Election Meeting  
Date(s) of Project:  10/30/14

Area:  [ X ] Chapter/ Social

Number of persons who participated in this project  
Members: 29 Electees: 0

Aaron Reed Young  
Anna Alysses Ness  
Anthony Paul Meyer  
Benjamin Michael Walden  
Benton Edward Garrison  
Brandon Grey Davis  
Brandon Russell Hotsinpiller  
Carter Glenn Mcveigh  
Chirag Kishor Tailor  
David Joshua Conner  
David Michael Harris  
David Michael Klumpe  
Jared Thomas Carpenter  
Jarrod Abram Edwards  
Jonah David Duran  
Julie Beth Hipp  
Kristin Leigh Woodward  
Michael Emerson Holloway  
Natalie Rene Beitel  
Nolan Kyle Perry  
Phoebe Elizabeth Fogelman  
Pranshu Bansal  
Robert Blake Wilkerson  
Sarah Chapin Combee  
Michael Chad Clendenon

Hours spent on this project.  
Organizing: 1 Participating: 2

DESCRIPTION:

I. General Description: TBP Members met to share interview results and deliberate prospective members.

II. Purpose & Relationship to Objectives of TBP: The election meeting served as one of the final steps in initiating new members.

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

The meeting was organized internally by the president and vice president.

IV. Cost & Personnel Requirements: Pizza was provided to the members and a room was reserved in the Min Kao Building.

VI. Overall Evaluation/Results (Be Specific): All candidates were chosen for initiation except one.
Project name: Bent Shining     Date(s) of Project:  11/13/2014

Project:   [ X ] University/ College
Area:     [ X ] Chapter/ Social

Number of persons who participated in this project   Members: _7_   Electees: _14_

Amy Albaugh  Duncan Greeley  Andrew Owens  Tom Gaetjens
David Klumpe  Alex Marmon  Jarrod Edwards  Kevin Johns
Jonah Duran  Alex Parrot  Michael Holloway  Hope Newberry
Pranshu Bansal  William Twickler  Aaron Armentrout  Ryan Tarver
Michael Cantwell  Taylor Watson  Cameron Cooley  Austin Vogel
Libby Fortunato

Hours spent on this project.     Organizing: _1_     Participating: _2_

DESCRIPTION:

I. General Description: Every semester we shine the on-campus bent. This even is also open to new initiates, and provides them an opportunity for them to get to know the current members.

II. Purpose & Relationship to Objectives of TBP: The purpose of this event is to ensure that the on-campus bent looks clean and professional. It also provides an opportunity for new initiates to learn more about the organization from current members.

III. Organization & Administration:
(in conjunction with another group?)   ___ Yes   [ X ] No
This event was organized by the President and Vice-President.

IV. Cost & Personnel Requirements: None, we used existing materials.

V. Special Problems: Since the event is outside, the weather played a big part in this event. The day of the event, it snowed, so the event had to be cut short.

VI. Overall Evaluation/Results (Be Specific): This event provided an opportunity for the new initiates to meet and get to know some of the current members.
The Tau Beta Pi Association  Chapter: TN Alpha
Chapter Project Report

Project name: Fall Initiation  Date(s) of Project: 11/20/2014

Project: [ X ] University/ College
Area: [ X ] Chapter/ Social

Number of persons who participated in this project  Members: 6  Electees: 25

Chirag Tailor  Phoebe Fogelman  DJ Conner
Kristin Woodward  Natalie Beitel
Nolan Perry  Ben Parrott

Hours spent on this project.  Organizing: _20_  Participating: _3_

DESCRIPTION:

I. General Description: Every semester we conduct an initiation to invite new exemplary students to join our chapter.

II. Purpose & Relationship to Objectives of TBP: An initiation is required each semester for each active chapter. It also helps us to continue to grow our chapter because we are able to add new, hard-working students to our membership.

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

The Vice President, Kristin Woodward, worked with a variety of people to organize this initiation. She began by working the University Registrar to get a list of eligible juniors and seniors in engineering. Then, she worked with the Dean and his administrative assistant to receive a letter from him to send to all new initiates. These letters were then printed and delivered by chapter officers to all new initiatees. Kristin also worked with Campus Dining to plan the banquet for all new initiates after the ceremony. This banquet is funded by Exxon Mobil who worked with Kristin to plan their presentation for all new initiates.

IV. Cost & Personnel Requirements: There was no cost for the chapter for this initiation since Exxon Mobil covered the cost of the banquet. All materials needed for the initiation were already provided.

V. Special Problems: There were some troubles with turnover from one year to the next, but these were worked out.
VI. Overall Evaluation/Results (Be Specific): We initiated 25 new collegiate members and one eminent engineer. In addition to these members, we had the following special guests for our initiation: Curt Gomulinski, Tricia Gomulinski, Roger Hawks, Dean Wayne Davis (Dean of the College or Engineering), and Dr. Kevin Kit (advisor).
The Tau Beta Pi Association  Chapter:  TN Alpha  
Chapter Project Report  Project number:  15

Project name: AMS Tour  Date(s) of Project: 01/29/2015

Project  [ X ] Profession/ Engineering  
Area:  [ X ] Chapter/ Social  [ X ] Education/ Prof. Dev.

Number of persons who participated in this project  
Members: _5_  
Electees: ___

Hours spent on this project.  
Organizing: _2_  
Participating: _2_

Jordi Izbam  
Chirag Tailor  
William Twickler  
Alysse Ness  
Kristin Miranda

DESCRIPTION:

I. General Description:  
The CEO and Founder of AMS, Dr. Hashemian, was initiated as an Eminent Engineer in Fall 2014. He was very eager to provide a tour of the facility to interested members from our chapter. This facility tour allowed members an opportunity to see the daily operations at the local nuclear instrumentation manufacturer.

II. Purpose & Relationship to Objectives of TBP:  
This tour was solely designed as a networking event for interested members of Tau Beta Pi.

III. Organization & Administration: (in conjunction with another group?)  
Yes  

IV. Cost & Personnel Requirements:  
The cost of the tour was provided for by Dr. Hash along with a pizza dinner later in the evening. The transportation cost was provided by Chirag Tailor who drove the members to the event.

V. Special Problems:  
There were no special problems faced for this event.

VI. Overall Evaluation/Results (Be Specific):  
This event was an overall success. All of the members in attendance enjoyed meeting the company employees, and Dr. Hash was pleased to be involved in the chapter.
The Tau Beta Pi Association  Chapter:  TN Alpha  
Chapter Project Report  

Project name: Garmin Intl. Presentation  Date(s) of Project: 02/03/2015  

Project [ X ] Profession/ Engineering  
Area: [ X ] Chapter/ Social  [ X ] Education/ Prof. Dev.  

Number of persons who participated in this project  Members: _10_  Electees: ___  

Hours spent on this project.  Organizing: _2_  Participating: _2_  

Aaron Young  Chirag Tailor  Julie Hipp  William Twickler  
Benjamin Parrott  Hope Newberry  Travis Keever  Wilson Parker  
Brandon Hotsinpiller  Tyler Sprouse  

DESCRIPTION:  

I. General Description:  
Representatives from Garmin Intl. visited campus in early February for a Co-op fair and were interested in making a presentation for the members of Tau Beta Pi. Nicole and Matt from Garmin gave a presentation on the internship experience at Garmin and the perks of becoming an employee.  

II. Purpose & Relationship to Objectives of TBP:  
This presentation was designed as a networking event for interested members of Tau Beta Pi to meet employers and representatives from Garmin Intl.  

III. Organization & Administration: (in conjunction with another group?)  __ Yes  __X__ No  
There were many members in attendance that were not affiliated with Tau Beta Pi.  

IV. Cost & Personnel Requirements:  
Pizza and refreshments were provided for the presentations. The cost was covered by the TN Alpha Chapter.  

V. Special Problems:  
There were no special problems faced for this event.  

VI. Overall Evaluation/Results (Be Specific):  
This event was an overall success. All of the members in attendance enjoyed meeting the company employees, and Garmin representatives were pleased to meet and greet members from the chapter.
The Tau Beta Pi Association  
Chapter: TN Alpha  
Project number: 17

Project name: Spring Interest Meeting for New Initiates  
Date(s) of Project: 1/22/2015

Project: [X] Community/ Liberal Culture  
Area: [X] Chapter/ Social

Number of persons who participated in this project  
Members: _2_  Electees: _15_

Hours spent on this project.  
Organizing: _2_  Participating: _1_

DESCRIPTION:

I. General Description: In order to gauge the interest in our new initiates, we conduct this meeting each semester to find out who is interested in joining and to motivate other initiates into joining.

II. Purpose & Relationship to Objectives of TBP: In this meeting, we talk about the goals of Tau Beta Pi and our purpose as an organization. We talk about the exemplary character and scholarship that we expect each member to exhibit. Also, we wanted to publicize our next meeting for the initiates which would teach them more about their responsibilities during the initiation process.

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

A presentation was prepared and a room was reserved with the University Registrar.

IV. Cost & Personnel Requirements: N/A

V. Special Problems: There was no existing materials for this meeting so they had to be prepared for this first time.

VI. Overall Evaluation/Results (Be Specific): Many initiates who participated in this meeting choose attend the next meeting and to then join our chapter that semester.
The Tau Beta Pi Association  
Chapter:  
TN Alpha  
Chapter Project Report  

Project name: Spring Information Meeting for New Initiates  
Date(s) of Project: 1/27/2015  

Project number: 18  

Project [X] Community/ Liberal Culture [X] University/ College  
Area: [X] Chapter/ Social  

Number of persons who participated in this project  
Members: 5  Electees: 20  

Chirag Tailor  
Kristin Woodward  
DJ Conner  
Phoebe Fogelman  
Nolan Perry  

Hours spent on this project.   Organizing: 2   Participating: 1  

DESCRIPTION:  

I. General Description: This meeting was conducted to teach all new initiates what work they would have to complete in order to join our chapter.  

II. Purpose & Relationship to Objectives of TBP: In this meeting, we talked about the initiate interviews, the required 2 hours with the chapter, the chapter quiz sheet, and the signatures sheet. Also, we wanted to offer the initiates a chance to meet some of our officers and to learn about their positions.  

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

A presentation was prepared and a room was reserved with the University Registrar. Also, the social chair worked to order pizzas for all attendees.  

IV. Cost & Personnel Requirements: Cost for the pizza for the meeting  

VI. Overall Evaluation/Results (Be Specific): Many members got the information that they needed to continue with the initiation process. Also, they were able to meet some of our officers and to get their signatures.
The Tau Beta Pi Association  
Chapter: TN Alpha  
Chapter Project Report

Project name: Spring 2014 Interviews  
Date(s) of Project: 2/2/15-2/3/15

Project number: 19

Number of persons who participated in this project
Members: 11  Electees: 23

Austin Plymill  Brooklyn Browner  Alexander Brewer
Saajid Haque  Sara Parker  Kacie A Breeding
Kristen Miranda  Eric Nelius  Alyxandra Wszolek
Jack Gritton  Kangmin Cheng  Whitney Smith
Katelyn Luthi  Anissa Goetz  Robin Smith
Sawyer Schultz  Jose Bonilla  Duncan Greeley
Saya Rutherford  Summer Church  Amy Albaugh
Will Norton  Rebecca Kimberlin  Hadyn Daugherty
Andrew Stripling  Chris Royer  Wilson Parker
Alexander Brewer  Michael Clark  Alysses Ness
Robert Wilkerson  David Klumpe  Kristin Woodward
Natalie Beitel

Hours spent on this project.  
Organizing: 1  Participating: 11.5

DESCRIPTION:

I. General Description: Interview meetings were held in 30 minute time slots and the interviews took place in the conference room in TBP headquarters. Dress was business formal for interviewers and business casual for interviewees.

II. Purpose & Relationship to Objectives of TBP: The interviews are an integral part of initiating new members into the chapter.

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

TBP members signed up using an online form to interview each TBP candidate. Interviewers were given a list of questions to ask the candidates. Each candidate’s catalog card was also filled out at this time.

IV. Cost & Personnel Requirements: Paper used to print the interview sheets

V. Special Problems: None
VI. Overall Evaluation/Results (Be Specific): The interviews were successful and most of the candidates arrived on time. Only one candidate was not chosen for election at the following general body meeting.
The Tau Beta Pi Association  
Chapter:  TN Alpha  
Chapter Project Report  
Project number:  20

Project name: Initiation Election Meeting 2015  
Date(s) of Project:  2/5/15

[ X ] University/ College  
[ X ] Chapter/ Social

Number of persons who participated in this project  
Members: 23  
Electees: 0

Aaron Reed Young  
Benjamin David Parrott  
Julie Beth Hipp  
Albert Joseph Toth  
Brandon Russell Hotsinpiller  
Michael Emerson Holloway  
Alexander Crittington Parrott  
Dane De Wet  
Nathan Russell Powell  
Alexander Samuel Marmon  
David Joshua Conner  
Nils Andrew Potter  
Anna Alysse Ness  
David Michael Klumpe  
Sarah Chapin Combee  
Anna Patricia Zetterberg  
Duncan Alexander Greeley  
Thomas Kiefer Gaetjens  
Austin Vogel  
Hadyn Daugherty  
Wilson Parris Parker  
Beini Chen  
Jarrod Abram Edwards

Hours spent on this project.  
Organizing: 1  
Participating: 2

DESCRIPTION:

I. General Description: TBP Members met to share interview results and deliberate prospective members.

II. Purpose & Relationship to Objectives of TBP: The election meeting served as one of the final steps in initiating new members.

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

The meeting was organized internally by the president and vice president.

IV. Cost & Personnel Requirements: Pizza was provided to the members and a room was reserved in the Min Kao Building.

V. Special Problems: None

VI. Overall Evaluation/Results (Be Specific): All candidates were chosen for initiation except one.
The Tau Beta Pi Association  Chapter:  TN Alpha
Chapter Project Report  Project number:  21

Project name: Trivia Night  Date(s) of Project:  2/9/2015

Project  [ X ] Community/ Liberal Culture
Area:  [ X ] Chapter/ Social

Number of persons who participated in this project  Members:  _4_  Electees:  _5_

Members:  Electees:
Albert Joseph Toth  Summer Church
Chirag Kishor Tailor  Eric Nelius
Kristin Leigh Woodward  Sarah Parker
Neel Mahesh Patel  Austin Plymill
                Chris Royer

Hours spent on this project.  Organizing:  _1_  Participating:  _2_

DESCRIPTION:

I. General Description: Our chapter invited all members to attend a trivia night hosted by Copper Cellar Restaurant on Cumberland Ave. in Knoxville, TN.

II. Purpose & Relationship to Objectives of TBP: To welcome electees to our chapter for a chance to socialize and network with existing chapter members

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

Planned and organized by our Chapter President and Chapter Vice President

IV. Cost & Personnel Requirements: None

V. Special Problems: Other than our table not winning in the bonus round, the event went well.

VI. Overall Evaluation/Results (Be Specific): This event provided an opportunity for current members to interact with new initiates in a fun environment. We feel this event helped create a stronger connection among members.

VII. Index of Exhibits: None
The Tau Beta Pi Association Chapter: TN Alpha
Chapter Project Report Project number: 22

Project name: Bent Shining Date(s) of Project: 2/10/2015

Project [ X ] University/ College
Area: [ X ] Chapter/ Social

Number of persons who participated in this project Members: 7 ELECTEES: 10

A.J. Toth Andrew Owens
Eric Welch Jonah Duran
Michael Holloway Nathan Powell
William Barbour Alexander Brewer
Carl Cheng Summer Church
Michael Clark Jack Gritton
Rebecca Kimberlin Will Norton
Sara Parker Sawyer Schultz
Andrew Stripling

Hours spent on this project. Organizing: 1 Participating: 1

DESCRIPTION:

I. General Description: Every semester we shine the on-campus bent. This event is also open to new initiates, and provides them an opportunity for them to get to know the current members.

II. Purpose & Relationship to Objectives of TBP: The purpose of this event is to ensure that the on-campus bent looks clean and professional. It also provides an opportunity for new initiates to learn more about the organization from current members.

III. Organization & Administration: (in conjunction with another group?) ____ Yes ___ No
This event was organized by the President and Vice-President.

IV. Cost & Personnel Requirements: None, we used existing materials.

V. Special Problems: The date was changed due to weather, but the event itself went well.

VI. Overall Evaluation/Results (Be Specific): This event provided an opportunity for the new initiates to meet and get to know some of the current members.
The Tau Beta Pi Association Chapter: TN Alpha
Chapter Project Report

Project name: Spring Initiation Date(s) of Project: 2/26/2015

Project [ X ] University/ College
Area: [ X ] Chapter/ Social

Number of persons who participated in this project Members: _6_ Electees: _22_

Chirag Tailor AJ Toth
Kristin Woodward Natalie Beitel
Patrick Jarman DJ Conner

Hours spent on this project. Organizing: _20_ Participating: _3_

DESCRIPTION:

I. General Description: Every semester we conduct an initiation to invite new exemplary students to join our chapter.

II. Purpose & Relationship to Objectives of TBP: A initiation is required each semester for each active chapter. It also helps us to continue to grow our chapter because we are able to add new, hard-working students to our membership.

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

The Vice President, Kristin Woodward, worked with a variety of people to organize this initiation. She began by working the University Registrar to get a list of eligible juniors and seniors in engineering. Then, she worked with the Dean and his administrative assistant to receive a letter from him to send to all new initiates. Kristin also worked with Calhoun’s on the River to plan the banquet for all new initiates after the ceremony. This banquet was funded by Exxon Mobil who worked with Kristin to plan their presentation for all new initiates.

IV. Cost & Personnel Requirements: There was no cost for the chapter for this initiation since Exxon Mobil covered the cost of the banquet. All materials needed for the initiation were already provided.

V. Special Problems: There were problems with the weather, unfortunately. Some guests for the initiation were unable to attend due to snow and the whole initiation was
almost cancelled due to snow. Also, our keys were not shipped in time due to delayed shipping.

VI. Overall Evaluation/Results (Be Specific): We initiated 22 new collegiate members. In addition to these members, we had the following special guests for our initiation: Curt Gomulinski, Tricia Gomulinski, and Dean Wayne Davis (Dean of the College or Engineering).
The Tau Beta Pi Association

Chapter Project Report

Project name: Officer Election Meeting
Date(s) of Project: 3/11/15

Area: [X] Chapter/ Social

Number of persons who participated in this project
Members: 27
Electees: 0

Albert Joseph Toth
Alexander Samuel Marmon
Amy Elizabeth Albaugh
Andrew Warren Henry
Anna Patricia Zetterberg
Austin Vogel
Brandon Russell Hotsinpiller
Brett Harrison Brownlee
Shawn Alan Morgan
Brooklyn Browner
Carter Glenn Mcveigh
Christopher Royer
Daniel Alexander Graves
Eric Nelius
Hope Michelle Newberry
Jack Gritton
Kaitlyn Luthi
Thomas Kiefer Gaetjens
Kristen Miranda
Michael A Cantwell
Michael Stephen Fields
Natalie Rene Beitel
Nolan Kyle Perry
Rebecca Kimberlin
Sawyer Schultz
Saya Rutherford
Whitney Jawan Smith

Hours spent on this project.
Organizing: 1
Participating: 2

DESCRIPTION:

I. General Description: A general body meeting was held in order to elect officers for the 2015-2016 year.

II. Purpose & Relationship to Objectives of TBP: The purpose was to establish the leadership of the chapter for the next year.

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

IV. Cost & Personnel Requirements: Pizza was provided and a room was reserved in the Min Kao Building.

VI. Overall Evaluation/Results (Be Specific): The new officers were elected successfully and signatures were submitted to headquarters.
The Tau Beta Pi Association  
Chapter Project Report

Project name: MindSET-Pond Gap 1  
Date(s) of Project:  9/10/2014

Project:  [ X ] Community/ Liberal Culture
Area:  [ X ] Chapter/ Social  [ X ] K-12/MindSET

Number of persons who participated in this project  
Members:  _4_  Electees:  ___

Nolan Perry
Carter McVeigh
Robin Graves
Phoebe Fogelman

Hours spent on this project.  
Organizing:  _2_  Participating:  _2_

DESCRIPTION:

I. General Description: Estimation Module
First module performed with Pond Gap Elementary over principles of estimation in engineering

II. Purpose & Relationship to Objectives of TBP: Engage community schools with specific STEM learning goals

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

IV. Cost & Personnel Requirements: $56.33 (both modules) for materials

V. Special Problems: Schedule miscommunication, handled at school

VI. Overall Evaluation/Results (Be Specific): Good module, good initiation of math & science principles that followed during the year
The Tau Beta Pi Association

Chapter Project Report

Project name: MindSET-Lonsdale 1  Date(s) of Project: 9/17/14

Project: [X] Community/ Liberal Culture
Area: [X] Chapter/ Social  [X] K-12/MindSET

Number of persons who participated in this project
Members: _7_  Electees: ___

Nolan Perry
Carter McVeigh
Nathan Powell
Jarrod Edwards
David Klumpe
David Russell
Phoebe Fogelman

Hours spent on this project.  Organizing: _2_  Participating: _2_

DESCRIPTION:

I. General Description: Estimation Module
First module performed with Lonsdale Elementary over principles of estimation in engineering

II. Purpose & Relationship to Objectives of TBP: Engage community schools with specific STEM learning goals

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

IV. Cost & Personnel Requirements: $56.33 (both modules) for materials

V. Special Problems: N/A

VI. Overall Evaluation/Results (Be Specific): Good module, good initiation of math & science principles that followed during the year
The Tau Beta Pi Association  
Chapter:  TN Alpha  
Chapter Project Report  
Project number:  27

Project name: MindSET-Pond Gap 2  
Date(s) of Project:  10/8/14

Project:  [ X ] Community/Liberal Culture  
Area:  [ X ] Chapter/ Social  [ X ] K-12/MindSET

Number of persons who participated in this project  
Members:  5  
Electees:  

Carter McVeigh  
Nathan Cross  
Phoebe Fogelman  
David Russell  
Scott Rice

Hours spent on this project.  
Organizing:  2  
Participating:  2  

DESCRIPTION:

I. General Description: Alka Seltzer Projectile Module focusing on projectile motion by creating projectiles out of alka seltzer tablets and film canisters. Students learn about trajectory and build a ramp that optimizes distance travelled by projectiles.

II. Purpose & Relationship to Objectives of TBP: Engage community schools with specific STEM learning goals

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

IV. Cost & Personnel Requirements: $44.47 (both modules) for materials

V. Special Problems: N/A

VI. Overall Evaluation/Results (Be Specific): Good study of how projectiles travel through space for students and engineering activity focused on optimization with ramp
The Tau Beta Pi Association  Chapter:  TN Alpha  Project number:  28

Chapter Project Report

Project name: MindSET-Lonsdale 2  Date(s) of Project:  10/22/14

Project:  [ X ] Community/ Liberal Culture  Area:  [ X ] Chapter/ Social  [ X ] K-12/MindSET

Number of persons who participated in this project  Members:  _2_  Electees:  __

Carter McVeigh
Alysse Ness
Sasha Allen
Chris Stinnett
Samuel Griffin

Hours spent on this project.  Organizing:  _2_  Participating:  _2_

DESCRIPTION:

I. General Description: Alka Seltzer Projectile Module focusing on projectile motion by creating projectiles out of alka seltzer tablets and film canisters. Students learn about trajectory and build a ramp that optimizes distance travelled by projectiles.

II. Purpose & Relationship to Objectives of TBP: Engage community schools with specific STEM learning goals

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

Theta Tau members helped due to lack of volunteers.

IV. Cost & Personnel Requirements: $44.47 (both modules) for materials

V. Special Problems: Lack of volunteers, help enlisted from Theta Tau

VI. Overall Evaluation/Results (Be Specific): Good study of how projectiles travel through space for students and engineering activity focused on optimization with ramp
The Tau Beta Pi Association  Chapter: TN Alpha
Chapter Project Report  Project number: 29

Project name: MindSET-Pond Gap 3  Date(s) of Project: 11/12/14

Project: [ X ] Community/ Liberal Culture
Area: [ X ] Chapter/ Social  [ X ] K-12/MindSET

Number of persons who participated in this project  Members: 3  Electees: ___

Nolan Perry
Carter McVeigh
Natalie Beitel

Hours spent on this project.  Organizing: 2  Participating: 2

DESCRIPTION:

I. General Description: Aluminum Foil Boat Module where students built boats from aluminum foil and support material. Learned about buoyancy and how boats sink and float.

II. Purpose & Relationship to Objectives of TBP: Engage community schools with specific STEM learning goals

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

IV. Cost & Personnel Requirements: N/A

V. Special Problems: Few volunteers and a rather messy module.

VI. Overall Evaluation/Results (Be Specific): Students enjoyed building their own boats and learning what was the most effective build.
Project name: MindSET-Lonsdale 3  Date(s) of Project: 11/19/14

Project:  [X] Community/ Liberal Culture
Area: [X] Chapter/ Social [X] K-12/MindSET

Number of persons who participated in this project
Members: 8  Electees: __

Nolan Perry
Carter McVeigh
Barbara Smith
Austin Vogel
Amanda Bishop
Molly Wintenberg
A.J. Toth
Dane de Wet

Hours spent on this project.  Organizing: 2  Participating: 2

DESCRIPTION:

I. General Description: Aluminum Foil Boat Module where students built boats from aluminum foil and support material. Learned about buoyancy and how boats sink and float.

II. Purpose & Relationship to Objectives of TBP: Engage community schools with specific STEM learning goals

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

IV. Cost & Personnel Requirements: N/A

V. Special Problems: Problems from previous module addressed.

VI. Overall Evaluation/Results (Be Specific): Students enjoyed building their own boats and learning what was the most effective build.
The Tau Beta Pi Association  Chapter:  TN Alpha
Chapter Project Report  Project number:  31

Project name: MindSET Pond Gap 4  Date(s) of Project:  1/21/15

Project:  [ X ] Community/ Liberal Culture
Area:  [ X ] Chapter/ Social  [ X ] K-12/MindSET

Number of persons who participated in this project  Members: _6_  Electees: ___

Nolan Perry
Carter McVeigh
Natalie Rayfield
Daniel Graves
Chirag Tailor
Robin Graves

Hours spent on this project.  Organizing: _2_  Participating: _2_

DESCRIPTION:

I. General Description: Electricity module where students learned about voltage and current while building small electromagnets.

II. Purpose & Relationship to Objectives of TBP: Engage community schools with specific STEM learning goals

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

IV. Cost & Personnel Requirements: $77.08 (both modules) for materials

V. Special Problems: Part of the module shipped to the incorrect address and we were only able to make the electromagnets

VI. Overall Evaluation/Results (Be Specific): Great module even with the shipping problem. Interested students by bringing magnetic Newton’s cradle that illustrated energy conversion.
The Tau Beta Pi Association  
Chapter: TN Alpha  
Project number: 32

Project name: MindSET-Lonsdale 4  Date(s) of Project: 1/28/15

[ X ] Community/ Liberal Culture  
[ X ] Chapter/ Social  
[ X ] K-12/MindSET

Number of persons who participated in this project  
Members: 9  Electees: ___

Nolan Perry  
Carter McVeigh  
William Fredebeil  
Jordi Izban  
Natalie Rayfield  
Daniel Perling  
Austin Vogel  
Katelyn Luthi  
Anissa Goetz

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

DESCRIPTION:

I. General Description: Electricity module where students learned about voltage and current while building small electromagnets and building a circuit using a potato as a battery

II. Purpose & Relationship to Objectives of TBP: Engage community schools with specific STEM learning goals

III. Organization & Administration: (in conjunction with another group?)  Yes  

IV. Cost & Personnel Requirements: $77.08 (both modules) for materials

V. Special Problems: Connecting the potato battery circuit had some troubles but eventually came together

VI. Overall Evaluation/Results (Be Specific): Module became even better with potato battery involved. Interested students by bringing magnetic Newton’s cradle that illustrated energy conversion.
The Tau Beta Pi Association
Chapter Project Report

Project name: MindSET-Pond Gap 5  Date(s) of Project: 3/11/15

Project:   [X] Community/ Liberal Culture
Area:     [X] Chapter/ Social   [X] K-12/MindSET

Number of persons who participated in this project  Members: 4  Electees: __

Nolan Perry
Carter McVeigh
Natalie Beitel
A.J. Toth

Hours spent on this project.  Organizing: 2  Participating: 2

DESCRIPTION:

I. General Description: Bridge Module where students built bridges that were tested for structural stability and cost benefit.

II. Purpose & Relationship to Objectives of TBP: Engage community schools with specific STEM learning goals

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

Theta Tau members helped due to lack of volunteers.

IV. Cost & Personnel Requirements: $21.46 (both modules) for materials

V. Special Problems: Few volunteers problem solved by Theta Tau aide but time constraints limited discussion of results

VI. Overall Evaluation/Results (Be Specific): Good module but students did not get time to discuss results.
The Tau Beta Pi Association
Chapter Project Report

Chapter: TN Alpha
Project number: 34

Project name: MindSET-Lonsdale 5       Date(s) of Project: 3/25/15

Project: [ X ] Community/ Liberal Culture
Area: [ X ] Chapter/ Social    [ X ] K-12/MindSET

Number of persons who participated in this project
Members: ___ Electees: ___

Nolan Perry
Carter McVeigh
Katelyn Luthi
Vincent Aloi

Hours spent on this project. Organizing: ___ Participating: ___

DESCRIPTION:

I. General Description: Bridge Module where students built bridges that were tested for structural stability and cost benefit.

II. Purpose & Relationship to Objectives of TBP: Engage community schools with specific STEM learning goals

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

IV. Cost & Personnel Requirements: $21.46 (both modules) for materials

V. Special Problems: Few volunteers but small class so problem was limited. Very long module due to problems with discipline

VI. Overall Evaluation/Results (Be Specific): Good module and enjoyable for students but problems with discipline that were solved by staff. Discussion about what our volunteers need to do when face with the problem.
The Tau Beta Pi Association
Chapter Project Report

Project name: MindSET-Pond Gap 6  Date(s) of Project: 4/8/15

Project: [ X ] Community/ Liberal Culture
Area: [ X ] Chapter/ Social [ X ] K-12/MindSET

Number of persons who participated in this project
Members: _6_  Electees: ___

Carter McVeigh
Alysse Ness
Nick Patel
Robin Graves
Daniel Graves
Eric Nelius

Hours spent on this project. Organizing: _2_  Participating: _2_

DESCRIPTION:

I. General Description: Egg Drop Module where students learned about potential and kinetic energy as well as the importance of helmet safety and cost analysis

II. Purpose & Relationship to Objectives of TBP: Engage community schools with specific STEM learning goals

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

IV. Cost & Personnel Requirements: N/A

V. Special Problems: Communication with school about dropping egg containers ended with our only option being to drop off a ladder outside. Overall worked for purposes of experiment

VI. Overall Evaluation/Results (Be Specific): Module was successful and students learned about effectiveness of certain materials in safety as well as what energy transfer can physically look like.
The Tau Beta Pi Association

Chapter Project Report

Project name: MindSET-Lonsdale 6  Date(s) of Project:  4/22/15

Project                [ X ] Community/ Liberal Culture
Area:                  [ X ] Chapter/ Social          [ X ] K-12/MindSET

Number of persons who participated in this project  Members:  8  Electees:  

Nolan Perry
Carter McVeigh
Tyler Sprouse
Travis Keever
Andrew Henry
Eric Nelius
Robin Graves
Daniel Graves

Hours spent on this project.  Organizing:  2  Participating:  2

DESCRIPTION:

I. General Description: Egg Drop Module where students learned about potential and kinetic energy as well as the importance of helmet safety and cost analysis

II. Purpose & Relationship to Objectives of TBP: Engage community schools with specific STEM learning goals

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

IV. Cost & Personnel Requirements: N/A

V. Special Problems: Students became a little unruly when escorted outside. Some aide from staff resolved situation

VI. Overall Evaluation/Results (Be Specific): Overall the students enjoyed building and spending money effectively to make an egg container.