Semester Planning Officer Meeting
Tennessee Alpha

1. Project Information
   i. Date(s): 08/18/18
   ii. New/Recurring Project: New
   iii. Project Areas:
       - Custom
       - Community/Liberal Culture
       - University/College
       - Profession/Engineering
       - Chapter/Social
       - Education/Professional Development
       - K-12 STEM
   iv. Number of persons who participated:
       | Category   | Count |
       |------------|-------|
       | Members    | 10    |
       | Electees   | 0     |
   v. Average number of hours per person spent:
       | Participating | Organizing |
       | 1.0           | 1.0        |

2. Project Evaluation
   i. General Description
      This meeting was the beginning of the semester officer meeting. We discussed
      and made plans for events we would like to hold during the semester.
   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      This purpose of this meeting was to make plans for the upcoming year for TN-A.
      We focused on ideas to improve our image on campus, serving the community,
      and building the community in our chapter.
   iii. Organization and Administration
      The president put together an agenda to streamline discussions.
   iv. Total Cost
      $0.0
   v. Cost Breakdown
      There were no costs associated with the project.
   vi. Special Problems Encountered
      There were no special problems associated with the project.
vii. **Overall Evaluation**

The meeting laid out our goals and provided an outline for our semester events.
Picnic with GSMAC

Tennessee Alpha

1. Project Information
   i. Date(s): 08/25/18
   ii. New/Recurring Project: New
   iii. Project Areas:
      - Custom
      - Community/Liberal Culture
      - University/College
      - Profession/Engineering
      - Chapter/Social
      - Education/Professional Development
      - K-12 STEM
   iv. Number of persons who participated:
      | Category    | Count |
      |-------------|-------|
      | Alumni      | 6     |
      | Members     | 2     |
      | Electees    | 0     |
   v. Average number of hours per person spent:
      | Participating | Organizing |
      | 0.5           | 2.0        |

2. Project Evaluation
   i. General Description
      TN-Alpha members were invited to join Great Smoky Mountain Alumni Chapter (GSMAC) for their annual BBQ/picnic potluck. This provided a great time for our members to interact with the alumni.
   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      The picnic was a great way socialize with members of the surrounding community and develop our networks as engineers. This strengthened connections between the current alumni and members.
   iii. Organization and Administration
      The president of GSMAC coordinated the main dish while all other attendees brought sides and desserts.
   iv. In Conjunction With
      Great Smoky Mountain Alumni Chapter
v. **Total Cost**
   $0.0

vi. **Cost Breakdown**
   Each attendee brought a side dish or desert.

vii. **Special Problems Encountered**
   There was a low turnout from the TN A student chapter. The event took place about 20 minutes away from campus on the first weekend after school began. I think these factors contributed to the low attendance.

viii. **Overall Evaluation**
   The socialization and food was a great success. Our members that attended really enjoyed getting to know other engineers in the area and hear their stories.

3. **Additional Attachments**

   Figure 1: Picnic Attendees Picture
General Body Meeting
Tennessee Alpha

1. Project Information

i. Date(s): 08/30/18

ii. New/Recurring Project: Recurring

iii. Project Areas:
- Custom
- Community/Liberal Culture
- University/College
- Profession/Engineering
- Chapter/Social
- Education/Professional Development
- K-12 STEM

iv. Number of persons who participated:

<table>
<thead>
<tr>
<th>Category</th>
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<tbody>
<tr>
<td>Members</td>
<td>36</td>
</tr>
<tr>
<td>Electees</td>
<td>0</td>
</tr>
</tbody>
</table>

v. Average number of hours per person spent:

<table>
<thead>
<tr>
<th>Participating</th>
<th>Organizing</th>
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</thead>
<tbody>
<tr>
<td>2.0</td>
<td>1.0</td>
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</table>

2. Project Evaluation

i. General Description
At this meeting, the following were discussed: introduction of new officers, chapter goals for the semester, upcoming events, and member requirements. We had two guest speakers from Eastman Chemical Company.

ii. Purpose and Relationship to Objectives of Tau Beta Pi
Discussed TBP business and upcoming events. The guest speakers, Jarrod Edwards and Travis Keever, from Eastman Chemical Company presented engineering roles within the company and opportunities for students from many majors with Eastman through co-ops, internships, and full-time positions.

iii. Organization and Administration
The meeting was organized by our section president with the assistance of other officers.
iv. Total Cost
   $0.0

v. Cost Breakdown
   The guest speakers provided refreshments for the attendees, covering all monetary costs. The section president presented on general section business and introduced the guest speakers. The secretary was in charge of taking attendance.

vi. Special Problems Encountered
    N/A

vii. Overall Evaluation
    This was a successful and productive meeting, and the guest speakers were engaging with members.
Scholarship Point System

Tennessee Alpha

1. Project Information
   i. Date(s): 08/30/18 - 04/25/19
   ii. New/Recurring Project: New
   iii. Project Areas:
       - Custom
       - Community/Liberal Culture
       - University/College
       - Profession/Engineering
       - Chapter/Social
       - Education/Professional Development
       - K-12 STEM
   iv. Number of persons who participated:
       | Category       | Count |
       |----------------|-------|
       | Members        | 78    |
       | Electees       | 0     |
   v. Average number of hours per person spent:
       | Participating | Organizing |
       | 2.0           | 1.0       |

2. Project Evaluation
   i. General Description
      A points system was revamped to encourage member involvement. Members could earn points for attending events, completing more than the required amount of service hours, and participating in committees. A $500 scholarship was given to the top two point earners from each semester. The recipients were recognized at the chapter’s last general body meeting.

   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      The point system encouraged members to participate in chapter activities, including community service. In addition, it gave an opportunity to recognize members for their dedication to the chapter and the organization.

   iii. Organization and Administration
      The service chair kept the points system up to date. The secretary took attendance at meetings, while other officers made sure points were being awarded for those participating in their events and committees. The president arranged for the scholarships to be awarded through the Tickle College of Engineering, and
printed off certificates. The president reminded members of the point system during the monthly general body meetings. The other members listed as participants received points for their involvement.

iv. **In Conjunction With**
    Tickle College of Engineering

v. **Total Cost**
    $6.0

vi. **Cost Breakdown**
The only cost associated with this project was the certificates for the recipients, which were $6 through Tau Beta Pi Headquarters. The chapter was awarded a $500 scholarship from Tau Beta Pi for receiving the Chapter Project Award. The Tickle College of Engineering agreed to match the scholarship so that two $500 scholarships could be awarded.

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

viii. **Overall Evaluation**
The point system encouraged members to participate in chapter activities. There was an increase in attendance at all events compared to the beginning of the school year. The two scholarship recipients were grateful for the scholarship and the recognition.

3. **Additional Attachments**
Figure 2: President Awarding the Two Scholarships
Initial Meeting with Advisor

Tennessee Alpha

1. Project Information
   i. Date(s): 09/05/18
   ii. New/Recurring Project: New
   iii. Project Areas:
       - Custom
       - Community/Liberal Culture
       - University/College
       - Profession/Engineering
       - Chapter/Social
       - Education/Professional Development
       - K-12 STEM
   iv. Number of persons who participated:

<table>
<thead>
<tr>
<th>Category</th>
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<td>Members</td>
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<tr>
<td>Electees</td>
<td>0</td>
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</tbody>
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   v. Average number of hours per person spent:

<table>
<thead>
<tr>
<th>Participating</th>
<th>Organizing</th>
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<tr>
<td>0.5</td>
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</table>

2. Project Evaluation
   i. General Description
      The Chapter President and Vice President met with our chief advisor, Dr. Pionke, to discuss upcoming events and questions we both had regarding the upcoming year.
   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      This meeting helped layout ideas that were possible and discussed other matters concerning initiation and funding. This meeting helped as we went on to plan other things for our chapter and kept our advisor up to date on chapter activity.
   iii. Organization and Administration
      The President and Vice President prepared a list of questions and topics to discuss ahead of the meeting.
   iv. Total Cost
      $0.0
v. Cost Breakdown
   There were no costs associated with the meeting.

vi. Special Problems Encountered
    N/A

vii. Overall Evaluation
    This was a really productive meeting allowing us to discuss what needs to be done for upcoming chapter activities. It also gave us an idea of what we can do in regards to chapter events and image promotion.
September MindSET

Tennessee Alpha

1. Project Information
   i. Date(s): 09/06/18
   ii. New/Recurring Project: Recurring
   iii. Project Areas:
      - Custom
      - Community/Liberal Culture
      - University/College
      - Profession/Engineering
      - Chapter/Social
      - Education/Professional Development
      - K-12 STEM
   iv. Number of persons who participated:
      | Category     | Count |
      |--------------|-------|
      | Members      | 5     |
      | Electees     | 0     |
   v. Average number of hours per person spent:
      | Participating | Organizing |
      | 1.0           | 2.0       |

2. Project Evaluation
   i. General Description
      Tower Building Module
      This module was performed with about 30 3rd-5th grade students at Pond Gap Elementary. The students were given a problem statement and instructed to follow the engineering process to build a tower out of given materials to solve the problem.

   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      Engage community schools with specific STEM learning goals

   iii. Organization and Administration
      The materials used in this module were gathered from the TBP supply closet. Volunteers signed up for this module using an Excel signup sheet which was distributed through email and groupme.

   iv. Total Cost
      $0.0
v. **Cost Breakdown**
The materials used were in the supply closet, so no funding was required. Personnel requirements were the volunteers.

vi. **Special Problems Encountered**
There were a large number of students, so keeping the classroom under control was difficult the first time. The students were also very competitive, so they tried to steal ideas from the other teams.

vii. **Overall Evaluation**
The teams of students were able to design, build, and test their towers. We reviewed and followed the engineering process. The students enjoyed the project and wanted to take their towers home.
1. **Project Information**
   
i. Date(s): 09/11/18
   
    ii. New/Recurring Project: New

   iii. Project Areas:
        - [ ] Custom
        - [ ] Community/Liberal Culture
        - [ ] University/College
        - [ ] Profession/Engineering
        - [x] Chapter/Social
        - [ ] Education/Professional Development
        - [ ] K-12 STEM

   iv. Number of persons who participated:

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<th>Count</th>
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<tbody>
<tr>
<td>Members</td>
<td>5</td>
</tr>
<tr>
<td>Electees</td>
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   v. Average number of hours per person spent:

<table>
<thead>
<tr>
<th>Participating</th>
<th>Organizing</th>
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2. **Project Evaluation**

   i. **General Description**
      A group of members attended trivia night at a local restaurant. The group worked as a team to answer questions concerning various topics.

   ii. **Purpose and Relationship to Objectives of Tau Beta Pi**
      This was a fun opportunity for social engagement.

   iii. **Organization and Administration**
      The social chair picked a date to go.

   iv. **Total Cost**
      $0.0

   v. **Cost Breakdown**
      Attendees could purchase food if they desired.

   vi. **Special Problems Encountered**
      None
vii. **Overall Evaluation**

Everyone that attended enjoyed playing trivia and getting to know some of the other members. There was a small turnout, but it was not terrible for the first event of the year.
Meeting with HQ Staff

Tennessee Alpha

1. Project Information
   i. Date(s): 09/13/18
   ii. New/Recurring Project: New
   iii. Project Areas:
       - Custom
       - Community/Liberal Culture
       - University/College
       - Profession/Engineering
       - Chapter/Social
       - Education/Professional Development
       - K-12 STEM
   iv. Number of persons who participated:

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<th>Category</th>
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<tr>
<td>Electees</td>
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   v. Average number of hours per person spent:

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<th>Organizing</th>
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2. Project Evaluation
   i. General Description
      The President and Vice President met with Tricia and Curt Gomulinski over dinner to ask questions and receive information/advice for the upcoming year.
   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      This meeting gave the opportunity for questions about processes and reports to be answered. The national convention was also discussed as Tricia and Curt gave the new officers an idea of what to expect. They also gave some advice about what the new officers could do to succeed in planning all chapter activities for this semester.
   iii. Organization and Administration
      A date and time was picked for the meeting so that everyone could attend.
   iv. Total Cost
      $0.0
v. **Cost Breakdown**
   Dinner was covered by Tricia.

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

vii. **Overall Evaluation**
   This was a really productive meeting allowing the new officers to learn more about what is expected of them this semester. They also received advice and had the opportunity to get any unresolved questions answered.
Chapter By-Law Update

Tennessee Alpha

1. Project Information
   i. Date(s): 09/17/18 - 09/27/18
   ii. New/Recurring Project: New
   iii. Project Areas:
       - Custom
       - Community/Liberal Culture
       - University/College
       - Profession/Engineering
       - Chapter/Social
       - Education/Professional Development
       - K-12 STEM
   iv. Number of persons who participated:

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</tr>
<tr>
<td>Members</td>
<td>38</td>
</tr>
<tr>
<td>Electees</td>
<td>0</td>
</tr>
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</table>

   v. Average number of hours per person spent:

<table>
<thead>
<tr>
<th>Participating</th>
<th>Organizing</th>
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<td>2.0</td>
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</table>

2. Project Evaluation
   i. General Description
      The update was necessary to satisfy University of Tennessee’s Center for Student Engagement By-law requirements to maintain status as an official organization with UT. A statement regarding discrimination (Bylaw VI) and one discussing funding in case of dissolution of the chapter (Bylaw X) were added. Minor changes to the naming of alumnus chapter and secretary-treasurer were updated to follow the naming convention of Headquarters (to alumni chapter and executive director). The changes were voted upon by the advisory board, and then by the chapter at a meeting on 9/27/18.

   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      The purpose of this project was to pass the Bylaw Amendments to satisfy university engagement requirements and changes to follow HQ naming. This ensured the chapter continued as a registered organization at UT. It also officially added a statement that formally shows that our chapter does not discriminate when initiating new members, which provides a good image of Tau Beta Pi.
iii. **Organization and Administration**
   The changes and voting meeting was organized by President. The changes were prepared as a redline and sent to the advisory board for approval. With the advisory board’s approval, the changes were emailed to members a week in advance of the vote.

iv. **Total Cost**
   $0.0

v. **Cost Breakdown**
   There were no costs associated with updating the By-Laws.

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

vii. **Overall Evaluation**
   With a 3/4 quorum present, the chapter unanimously voted to include the two new statements in our By-laws and to update the naming convention of alumnus chapter and secretary-treasurer. The By-laws were rewrote and sent to HQ for updating on the website. They were also submitted to UT’s Center for Student Engagement Center and approved.
Luncheon with Dean

Tennessee Alpha

1. Project Information

   i. Date(s): 09/20/18
   
   ii. New/Recurring Project: New
   
   iii. Project Areas:
   
   □ Custom
   □ Community/Liberal Culture
   ✔ University/College
   □ Profession/Engineering
   ✔ Chapter/Social
   □ Education/Professional Development
   □ K-12 STEM
   
   iv. Number of persons who participated:

<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Members</td>
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<tr>
<td>Electees</td>
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   v. Average number of hours per person spent:

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<td>1.0</td>
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2. Project Evaluation

   i. General Description
   The President and Vice President attended a luncheon with two of the college of engineering deans. This luncheon provided engineering student organizations with the information about the resources that are available to us.

   ii. Purpose and Relationship to Objectives of Tau Beta Pi
   This meeting gave information about the resources available to our chapter within the college of engineering.

   iii. Organization and Administration
   The Tickle College of Engineering organized the event.

   iv. In Conjunction With
   Tickle College of Engineering

   v. Total Cost
   $0.0

   vi. Cost Breakdown
   The food for lunch was supplied by the college.
vii. Special Problems Encountered  
N/A

viii. Overall Evaluation  
This was a really productive meeting allowing the new officers to learn more about what resources are offered through the college of engineering.
FestiVOL
Tennessee Alpha

1. Project Information
   i. Date(s): 09/25/18
   ii. New/Recurring Project: New
   iii. Project Areas:
       - Custom
       - Community/Liberal Culture
       - University/College
       - Profession/Engineering
       - Chapter/Social
       - Education/Professional Development
       - K-12 STEM
   iv. Number of persons who participated:
       | Category     | Count |
       |--------------|-------|
       | Members      | 8     |
       | Electees     | 0     |
   v. Average number of hours per person spent:
       | Participating | Organizing |
       | 2.0           | 2.0       |

2. Project Evaluation
   i. General Description
      FestiVOL was a festival hosted by the Tickle College of Engineering to showcase all the engineering organizations to freshmen. Our chapter manned the snow cone machine. This gave us the opportunity to hand out flyers and share information about Tau Beta Pi to many freshmen.
   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      This event gave the opportunity to promote the presence of TBP and TN-A to the freshman class.
   iii. Organization and Administration
      The event was organized by the Tickle College of Engineering. Our chapter’s Image and Marketing chair gathered flyers to give out and made a signup for our members to work the event in shifts.
   iv. In Conjunction With
      Tickle College of Engineering
v. **Total Cost**
$0.0$

vi. **Cost Breakdown**
The there were no costs for our chapter to work this event. The Tickle College of Engineering supplied all the equipment for the festival. We only supplied volunteers to man the booth. The flyers to hand out were already in our possession.

vii. **Special Problems Encountered**
The snow cones were kind of messy and got our table cloth dirty in a couple spots. It was washed promptly to eliminate the mess. It would have been a good idea to put a plastic table cloth over the TBP table cloth.

viii. **Overall Evaluation**
The event was very successful. Because we were handing out food, we interacted with a majority of the attendees. We handed out flyers to many interested students and talked to them about what TBP is and the benefits of membership.

3. **Additional Attachments**

Figure 3: Members making snow cones
General Body Meeting

Tennessee Alpha

1. Project Information

   i. Date(s): 09/27/18
   
   ii. New/Recurring Project: Recurring
   
   iii. Project Areas:

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

   iv. Number of persons who participated:

<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
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<tbody>
<tr>
<td>Members</td>
<td>38</td>
</tr>
<tr>
<td>Electees</td>
<td>0</td>
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</table>

   v. Average number of hours per person spent:

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<tr>
<th>Participating</th>
<th>Organizing</th>
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<tr>
<td>2.0</td>
<td>2.0</td>
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</tbody>
</table>

2. Project Evaluation

   i. General Description

   At this meeting, the following were discussed: member requirements, updates to our points system, initiation, Science Olympiad, and upcoming events. Amendments to Chapter Bylaws VI and X and minor changes to HQ naming were voted on and approved. A guest speaker presented from Oak Ridge National Laboratory.

   ii. Purpose and Relationship to Objectives of Tau Beta Pi

   Discussed TBP business and upcoming events. Also voted on and approved Bylaw Amendments to satisfy university engagement requirements and changes to follow HQ naming. The guest speaker, Dr. Jacobson, from Oak Ridge National Laboratory presented on his work and current research at ORNL also opening discussion of potential internships with his team.

   iii. Organization and Administration

   The meeting was organized by our section president with the assistance of other officers.
iv. **Total Cost**  
$378.98

v. **Cost Breakdown**  
The only monetary cost for this meeting was for food and refreshments for the attendees, which totaled to $378.98. The section president presented on general section business and introduced our guest speaker. Other officers were in charge of picking up the refreshments and taking attendance.

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

vii. **Overall Evaluation**  
This was a successful and productive meeting. The guest speaker was engaging and enthusiastic with members, and gave an interesting talk on his research that broke the exascale computing barrier using the Summit Supercomputer at Oak Ridge. The changes to Bylaws and naming were approved.
Fall Initiate Interest Meeting
Tennessee Alpha

1. Project Information
   i. Date(s): 10/01/18
   ii. New/Recurring Project: Recurring
   iii. Project Areas:
       - Custom
       - Community/Liberal Culture
       - University/College
       - Profession/Engineering
       - Chapter/Social
       - Education/Professional Development
       - K-12 STEM
   iv. Number of persons who participated:
       | Category     | Count |
       |--------------|-------|
       | Members      | 2     |
       | Electees     | 51    |
   v. Average number of hours per person spent:
       | Participating | Organizing |
       | 0.5           | 1.0       |

2. Project Evaluation
   i. General Description
      This was a meeting for all eligible initiates to learn more about our chapter
      and how to join Tau Beta Pi. At this meeting, we gave a brief presentation
      about Tau Beta Pi’s history, purpose, and benefits. We also handed out the electee
      materials to the new initiates, and we described what the next steps would be like
      for those wanting to join.
   ii. Purpose and Relationship to Objectives of Tau Beta Pi
       This meeting helps us invite new members and teach them about our organization.
   iii. Organization and Administration
       The Vice President creates and presents a PowerPoint about Tau Beta Pi.
   iv. Total Cost
       $0.0
   v. Cost Breakdown
       N/A
vi. **Special Problems Encountered**

   N/A

vii. **Overall Evaluation**

   This is always a good meeting. We had the opportunity to tell the initiates about ourselves and get them oriented to the initiation process. Likewise, the initiates had the chance to tell us about themselves and ask any questions they had.
Engineer’s Day T shirt Design
Tennessee Alpha

1. Project Information
   i. Date(s): 10/02/18
   ii. New/Recurring Project: Recurring
   iii. Project Areas:
      - Custom
      - Community/Liberal Culture
      - University/College
      - Profession/Engineering
      - Chapter/Social
      - Education/Professional Development
      - K-12 STEM
   iv. Number of persons who participated:
      | Category   | Count |
      |------------|-------|
      | Members    | 5     |
      | Electees   | 0     |
   v. Average number of hours per person spent:
      | Participating | Organizing |
      | 0.5           | 3.0        |

2. Project Evaluation
   i. General Description
      T-shirts were designed for the volunteers to wear during engineers day. As Tennessee Alpha is the main host of the day-long event, these t-shirts showed that the volunteers are with Tau Beta Pi. The Image and Marketing Chair and the Communications worked with the Image and Marketing committee to design these shirts. The design was later approved by Tau Beta Pi Headquarters.

   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      The t-shirts were utilized to increase the visibility of Tennessee Alpha within the Tickle College of Engineering community.

   iii. Organization and Administration
      The I&M and Communications chairs coordinated a meeting to ensure the Engineer’s Day t-shirts were ready for the volunteers to wear on Engineer’s Day. The design was later approved by HQ.

   iv. Total Cost
      $0.0
v. **Cost Breakdown**
   The cost of the t-shirts was included on the Engineer’s Day Report.

vi. **Special Problems Encountered**
   None

vii. **Overall Evaluation**
   The design for the Engineers Day t-shirts provided great visibility for Tau Beta Pi throughout the duration of the event. In addition, many compliments were received on the design of the shirt.

3. **Additional Attachments**

   Figure 4:
Fall Initiate Interviews

Tennessee Alpha

1. Project Information

   i. Date(s): 10/08/18 - 10/11/18
   ii. New/Recurring Project: Recurring
   iii. Project Areas:
       - Custom
       - Community/Liberal Culture
       - University/College
       - Profession/Engineering
       - ✔ Chapter/Social
       - □ Education/Professional Development
       - □ K-12 STEM
   iv. Number of persons who participated:

       | Category    | Count |
       |-------------|-------|
       | Members     | 17    |
       | Electees    | 42    |
   v. Average number of hours per person spent:

       | Participating | Organizing |
       |---------------|------------|
       | 0.5           | 0.5        |

2. Project Evaluation

   i. General Description
      Over the course of four days, our members conducted one-on-one interviews with each eligible initiate. In these interviews, we asked the initiates about themselves, their career goals, and their reasons for joining Tau Beta Pi. These were held in the HQ conference room, so the initiates had the chance to look around HQ after the interview. The members helping with the interviews were allowed to decide whether or not we should initiate these candidates based on the way they conducted themselves.

   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      This allowed our chapter to learn more about the character and personality of each of our new initiates, and it gave the initiates a chance to create a connection with a current Tau Beta Pi member.

   iii. Organization and Administration
      The Vice President created a sheet of questions to ask the initiates. The members conducting the interviews were instructed to fill out this sheet for each initiate and return it to the Vice President afterwards.
iv. **Total Cost**  
   $0.0

v. **Cost Breakdown**  
   N/A

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

vii. **Overall Evaluation**  
   This went really well. It’s nice to get to talk to our new members and allow them to share their stories. It helps them feel included in Tau Beta Pi, and it helps our current members to get to know some of the new people each semester.
1. Project Information

   i. Date(s): 10/11/18 - 10/14/18
   ii. New/Recurring Project: New
   iii. Project Areas:
       - Custom
       - Community/Liberal Culture
       - University/College
       - Profession/Engineering
       - Chapter/Social
       - Education/Professional Development
       - K-12 STEM
   iv. Number of persons who participated:
       | Category   | Count |
       |------------|-------|
       | Members    | 2     |
       | Electees   | 0     |
   v. Average number of hours per person spent:
       | Participating | Organizing |
       | 1.0           | 50.0       |

2. Project Evaluation

   i. General Description
      The TN-A president and vice president attended the 2018 National Convention in
      Denver, Colorado. The president participated in the convention site committee.
   
   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      The convention allowed some of our officers to network with our chapter officers.
      They had the opportunity to learn from other chapters, which lead to ideas for
      promoting image on campus and building the community of the chapter. In
      addition, the president voted on changes presented by the committees during
      business meetings, which would improve areas of the organization.

   iii. Organization and Administration
      TBP Headquarters, Colorado Alpha/Beta/Gamma, and Front Range Alumni
      Chapter organized the event.

   iv. In Conjunction With
      HQ and the local student/alumni chapters
v. **Total Cost**
   $0.0

vi. **Cost Breakdown**
   All flights, lodging, and dining expenses during this event were paid by headquarters for the voting delegate. For non-voting delegate, the cost was covered by the Greater Smoky Mountain Alumni chapter.

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

viii. **Overall Evaluation**
    This convention allowed our officers to gather new ideas from other chapters that can be used to improve our chapter. These ideas included campus-wide events, decorating the bent, and starting an Instagram to showcase what our chapter has been involved in and provide further visibility to what Tau Beta Pi is. We also received the idea to publish the list of new members following initiation in College of Engineering Newsletter. In addition, our chapter accepted the Chapter Project Award for our achievement in number and quality of chapter projects. It was also voted that Knoxville will host the 2021 convention.

3. **Additional Attachments**

   Figure 5: Lunch with District 6 Members
Figure 6: VP Attending Professional Development

Figure 7: Accepting Award
Boo at the Zoo
Tennessee Alpha

1. Project Information

   i. Date(s): 10/14/18

   ii. New/Recurring Project: New

   iii. Project Areas:
       - Custom
       - Community/Liberal Culture
       - University/College
       - Profession/Engineering
       - Chapter/Social
       - Education/Professional Development
       - K-12 STEM

   iv. Number of persons who participated:

       | Category      | Count |
       |---------------|-------|
       | Members       | 2     |
       | Electees      | 3     |

   v. Average number of hours per person spent:

       | Participating | Organizing |
       |---------------|------------|
       | 1.0           | 4.0        |

2. Project Evaluation

   i. General Description
       At this event, members assisted at Zoo Knoxville’s Boo at the Zoo by dressing in costumes, handing out candy, and interacting with children and the local Knoxville community.

   ii. Purpose and Relationship to Objectives of Tau Beta Pi
       Boo at the Zoo is one of the most prominent community events in Knoxville, TN, and volunteering here demonstrates Tau Beta Pi's commitment to community service and outreach.

   iii. Organization and Administration
       Our service chair directly reached out to the coordinator for the event. The chair then set up a sign-up sheet using google sheets, which included directions to the event space.

   iv. Total Cost
       $0.0
v. **Cost Breakdown**
   There were no costs associated with the event.

vi. **Special Problems Encountered**
   Meeting other members at the event space was difficult because Zoo Knoxville is a large venue. Next time, setting up a designated meeting place and time would allow members to see others (particularly important for initiates who need signatures from current members).

vii. **Overall Evaluation**
   Overall, this event was an excellent way to serve the Knoxville community while increasing the visibility of Tau Beta Pi.
Tau Bagel Pi
Tennessee Alpha

1. Project Information

   i. Date(s): 10/15/18
   ii. New/Recurring Project: Recurring
   iii. Project Areas:
       - Custom
       - Community/Liberal Culture
       - University/College
       - Profession/Engineering
       - Chapter/Social
       - Education/Professional Development
       - K-12 STEM
   iv. Number of persons who participated:

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2. Project Evaluation

   i. General Description
   Tau Bagel Pi was an event where members and initiates could come to the Tau Beta Pi Headquarters conference room to eat bagels and drink coffee. This event provided a way for the initiates and members to interact and get to know each other before their morning classes.

   ii. Purpose and Relationship to Objectives of Tau Beta Pi
   This event was a great way to show the new initiates where Headquarters was located and to tell them more about joining Tau Beta Pi. It also gave them a chance to get member signatures as part of the initiation process. Overall, it is a great way for the members and initiates to get to know one another.

   iii. Organization and Administration
   The social chair ordered bagels to be delivered from Panera Bread. The president made sure the Headquarters conference room was free to use.

   iv. Total Cost
   $100.0
v. **Cost Breakdown**
   The cost of bagels and coffee was approximately $100.

vi. **Special Problems Encountered**
   Unfortunately, attendance was not taken at this event. There were approximately 15 members and 10 electees.

vii. **Overall Evaluation**
   Everyone enjoyed stopping by for a free breakfast and getting to know the new initiates. This also was a great way for the initiates to get their required signatures and see Tau Beta Pi Headquarters. The turnout was not quite what was expected, and we had quite a few bagels leftover.
Tau Bagel Pi 2
Tennessee Alpha

1. Project Information
   i. Date(s): 10/17/18
   ii. New/Recurring Project: Recurring
   iii. Project Areas:
      - Custom
      - Community/Liberal Culture
      - University/College
      - Profession/Engineering
      - Chapter/Social
      - Education/Professional Development
      - K-12 STEM
   iv. Number of persons who participated:
      | Category  | Count |
      |-----------|-------|
      | Members   | 15    |
      | Electees  | 10    |
   v. Average number of hours per person spent:
      | Participating | Organizing |
      | 0.5           | 1.0        |

2. Project Evaluation
   i. General Description
      Tau Bagel Pi was an event where members and initiates could come to the Tau Beta Pi Headquarters conference room to eat bagels and drink coffee. This was the second time the event was hosted this week. This event provided a way for the initiates and members to interact and get to know each other before their morning classes.

   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      This event was a great way to show the new initiates where Headquarters was located and to tell them more about joining Tau Beta Pi. It also gave them a chance to get member signatures as part of the initiation process.

   iii. Organization and Administration
      The social chair ordered bagels to be delivered from Panera Bread. The president made sure the Headquarters conference room was free to use.

   iv. Total Cost
      $100.0
v. **Cost Breakdown**
   The cost of bagels and coffee was approximately $100.

vi. **Special Problems Encountered**
   Unfortunately, attendance was not taken at this event. There were approximately 15 members and 10 electees.

vii. **Overall Evaluation**
   Everyone enjoyed stopping by for a free breakfast and getting to know the new initiates. This also was a great way for the initiates to get their required signatures and see Tau Beta Pi Headquarters. The turnout was not quite what was expected, and we had quite a few bagels leftover.
Cookout
Tennessee Alpha

1. Project Information
   i. Date(s): 10/18/18
   ii. New/Recurring Project: Recurring
   iii. Project Areas:
      - Custom
      - Community/Liberal Culture
      - University/College
      - Profession/Engineering
      - Chapter/Social
      - Education/Professional Development
      - K-12 STEM
   iv. Number of persons who participated:
      | Category    | Count |
      |--------------|-------|
      | Members      | 20    |
      | Electees     | 17    |
   v. Average number of hours per person spent:
      | Participating | Organizing |
      | 1.0           | 1.5       |

2. Project Evaluation
   i. General Description
      The chapter hosted a cookout on campus for members and initiates to gather and get to know one another. The vice president grilled up burgers for everyone to eat. We also had the supplies for everyone to make s’mores. The initiates were able to ask the members questions about Tau Beta Pi and get their required member signatures as part of the initiation process.
   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      It gave the initiates a chance to get member signatures as part of the initiation process and learn more about Tau Beta Pi. Overall, it is a great way for the members and initiates to get to know one another.
   iii. Organization and Administration
      The social chair picked up the food. The vice president grilled the burgers.
   iv. Total Cost
      $100.0
v. **Cost Breakdown**
The cost of burgers, chips, s’mores supplies, drinks, napkins, and plates was approximately $100. The grill was already owned by the chapter.

vi. **Special Problems Encountered**
None

vii. **Overall Evaluation**
This is always a well attended event. Everybody enjoyed gathering for food and getting to know each other.

3. **Additional Attachments**

Figure 8: VP Making Burgers
Figure 9: Enjoying s’mores
Bent Shining

Tennessee Alpha

1. Project Information
   i. Date(s): 10/18/18
   ii. New/Recurring Project: Recurring
   iii. Project Areas:
      - Custom
      - Community/Liberal Culture
      - University/College
      - Profession/Engineering
      - Chapter/Social
      - Education/Professional Development
      - K-12 STEM
   iv. Number of persons who participated:
      | Category  | Count |
      |-----------|-------|
      | Members   | 2     |
      | Electees  | 13    |
   v. Average number of hours per person spent:
      | Participating | Organizing |
      | 0.5           | 1.0        |

2. Project Evaluation
   i. General Description
      Some of the initiates shined the bent statue located on campus. This allowed them to get to know each other and get one of their required service hours for initiation. The bent also received its routine cleaning, which keeps it looking shiny.
   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      The initiates worked together to make sure the bent was clean and looked nice. Cleaning and shining the bent regularly keeps a good image of Tau Beta Pi on campus.
   iii. Organization and Administration
      The supplies were gathered from the supply closet. The shining took place during the cookout.
   iv. Total Cost
      $0.0
v. **Cost Breakdown**
   Supplies needed were already in the chapter’s possession.

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

vii. **Overall Evaluation**
   The bent looked clean and shiny. The initiates that attended received a service hour for their work.

3. **Additional Attachments**

   ![Figure 10: Initiates Shined the Bent](image-url)
October MindSET

Tennessee Alpha

1. Project Information
   i. Date(s): 10/18/18
   ii. New/Recurring Project: Recurring
   iii. Project Areas:
       - ☑ Community/Liberal Culture
       - ☑ K-12 STEM
   iv. Number of persons who participated:
       | Category    | Count |
       |-------------|-------|
       | Members     | 1     |
       | Electees    | 4     |
   v. Average number of hours per person spent:
       | Participating | Organizing |
       | 1.0           | 2.0       |

2. Project Evaluation
   i. General Description
      2-Liter Rocket Module
      This module was performed with about 30 3rd to 5th graders. We made 2-liter bottle rockets to launch using water and compressed air as propellant. We launched the rockets using a PVC pipe test stand.
   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      Engage community schools with specific STEM learning goals
   iii. Organization and Administration
      The materials used in this module were gathered from the TBP supply closet or recycled from the general body meetings. The PVC test stand was constructed before the module, and it can be used for future modules. Volunteers signed up for this module using an Excel signup sheet which was distributed through email and groupme.
iv. **Total Cost**
   $0.0

v. **Cost Breakdown**
   Material cost was $0 since all the materials were already in the closet. Personnel requirements were volunteers.

vi. **Special Problems Encountered**
   PVC test stand needs some improvement to leak less and make the rockets go higher.

vii. **Overall Evaluation**
   Teams of students were able to build the rockets easily. Testing was a little harder because the launch mechanism was failing a little bit, but the kids enjoyed it.
October Bent Decoration

Tennessee Alpha

1. Project Information
   i. Date(s): 10/21/18 - 10/23/18
   ii. New/Recurring Project: New
   iii. Project Areas:
      - ☑ University/College
      - ☑ Chapter/Social
      - ☐ Education/Professional Development
      - ☐ K-12 STEM
   iv. Number of persons who participated:
      | Category   | Count |
      |------------|-------|
      | Members    | 5     |
      | Electees   | 0     |
   v. Average number of hours per person spent:
      | Participating | Organizing |
      | 4.0           | 3.0        |

2. Project Evaluation
   i. General Description
      Preparing the equipment and decorating the bent for Halloween.
   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      To raise the presence and awareness of TBP on campus.
   iii. Organization and Administration
      Members planned out how to decorate it and went shopping for supplies.
   iv. Total Cost
      $5.18
   v. Cost Breakdown
      The cost of supplies included a pumpkin, pipe cleaners, and bleach for the pumpkin. This project required members to go to the store to purchase the supplies.
   vi. Special Problems Encountered
      The October decoration was taken down the next day due to miscommunication with the university’s janitorial staff. In addition, the first pumpkin rotted. It was replaced with tulle wrapped around the top of the bent like a mummy.
vii. **Overall Evaluation**

Although the October decoration was taken down earlier than anticipated, it gives the Image & Marketing committee further insight into the project’s future improvement.

3. **Additional Attachments**

Figure 11: October Decorations
General Body Meeting

Tennessee Alpha

1. Project Information

   i. Date(s): 10/23/18
   
   ii. New/Recurring Project: Recurring

   iii. Project Areas:
   
   - Custom
   - Community/Liberal Culture
   - University/College
   - Profession/Engineering
   - Chapter/Social
   - Education/Professional Development
   - K-12 STEM

   iv. Number of persons who participated:

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   v. Average number of hours per person spent:

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<th>Participating</th>
<th>Organizing</th>
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<tr>
<td>2.0</td>
<td>1.0</td>
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</table>

2. Project Evaluation

   i. General Description
   
   At this meeting, the following were discussed: member requirements, national convention and TBP week recaps, TBP scholarships and fellowships, and upcoming events. A guest speaker presented from NASA.

   ii. Purpose and Relationship to Objectives of Tau Beta Pi
   
   Discussed TBP business and upcoming events. The guest speaker, Katherine Van Hooser, briefly presented on her career and path to becoming a chief engineer at NASA MSFC followed by questions from members. She also gave advice about effective leadership in industry.

   iii. Organization and Administration
   
   The meeting was organized by our section president with the assistance of other officers.
iv. **Total Cost**  
$120.29

v. **Cost Breakdown**  
The only monetary cost for this meeting was for food and refreshments for the attendees, which totaled to $120.29. The section president presented on general section business and introduced our guest speaker. Other officers were in charge of picking up the refreshments and taking attendance.

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

vii. **Overall Evaluation**  
This was a successful and productive meeting. The guest speaker was very engaging with members, spending the most time answering members’ questions and comments about her work at NASA.

3. **Additional Attachments**

   Figure 13: Katherine Van Hooser speaking to members.
Engineers’ Day

Tennessee Alpha

1. Project Information

   i. Date(s): 10/25/18
   ii. New/Recurring Project: Recurring
   iii. Project Areas:
       - Custom
       - Community/Liberal Culture
       - University/College
       - Profession/Engineering
       - Chapter/Social
       - Education/Professional Development
       - K-12 STEM
   iv. Number of persons who participated:
       | Category      | Count |
       |---------------|-------|
       | Members       | 13    |
       | Electees      | 11    |
   v. Average number of hours per person spent:
       | Participating | Organizing |
       | 40.0          | 8.0        |

2. Project Evaluation

   i. General Description
      Nearly 1800 high school students from all over the south came to UT’s campus to see some of our equipment, learn about the different types of engineering, and be encouraged to pursue a career in STEM. The day’s activities included various engineering competitions, a competitive quiz/trivia bowl, and presentations from some of our prestigious research groups and faculty members.

   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      Promotion of UT and Tau Beta Pi to the greater community as well as community outreach to encourage and promote engineering. Overall, this event provides exposure to areas of engineering and technology that students may not have seen before.

   iii. Organization and Administration
      While over 30 student groups were invited to participate and interact with the students, the entirety of Engineer’s Day was planned by Tau Beta Pi in conjunction with the Tickle College of Engineering.
iv. **Total Cost**

$443.14

v. **Cost Breakdown**

- $23.62 - booth decorations/giveaways for high school students
- $419.52 - tshirts for all volunteers to wear throughout the day

vi. **Special Problems Encountered**

Overall, no significant problems occurred. Each year we get a little better at working out the timing of the events and moving students from one activity to the next. We did have to get extra volunteers to direct traffic to the correct locations due to some construction on campus, but this was not too difficult and was extremely effective.

vii. **Overall Evaluation**

Over 30 student groups on campus participated and 18 corporate professionals attended to act as judges. The professionals were given embroidered duffle bags by the College as a thank you gift. The student groups that scored the best received awards to commemorate the day and all students/visitors received dated bracelets as well. Over 1800 students were reached and the day was an overall huge success that left students wanting to learn more.

3. **Additional Attachments**

Figure 14: capture from the day’s events
Figure 15: capture from the day’s events

Figure 16: capture from the day’s events
Figure 17: capture from the day’s events

Figure 18: capture from the day’s events
Science Olympiad: Boomilever

Tennessee Alpha

1. Project Information

   i. Date(s): 10/29/18 - 02/25/19
   ii. New/Recurring Project: New
   iii. Project Areas:
       - Custom
       - Community/Liberal Culture
       - University/College
       - Profession/Engineering
       - Chapter/Social
       - Education/Professional Development
       - K-12 STEM
   iv. Number of persons who participated:

       | Category     | Count |
       |--------------|-------|
       | Members      | 1     |
       | Electees     | 0     |
   v. Average number of hours per person spent:

       | Participating | Organizing |
       |--------------|------------|
       | 2.0          | 8.0        |

2. Project Evaluation

   i. General Description

       The instructor, Steven Patrick, would go to a local middle school and teach the
       kids fundamental principles in physics. The kids would then use this information
       in order to build a truss system to support a load. This truss would go to a
       competition near the end of the year and compete against other schools designs.
       They were judged base on ability to hold the load and using the minimum amount
       of material.

   ii. Purpose and Relationship to Objectives of Tau Beta Pi

       This recurring event helped middle school students see the fun they could have in
       the STEM field. This in turn will ignite their curiosity in school and STEM and
       hopefully fill the shortage of engineers society has today.

   iii. Organization and Administration

       The point of contact for this event was Aram Bejnood. He coordinated time slots
       for people to be at the school and which events were on each day. For preparation
       for each boomilever meeting, the instructor researched previous winners designs
       as well as modern bridge designs.
iv. **In Conjunction With**
    UT Science Olympiad Club

v. **Total Cost**
    $0.0

vi. **Cost Breakdown**
    None

vii. **Special Problems Encountered**
    It was hard to recruit people because each event for Science Olympiad was taught individually. Also the recurring bi-weekly commitment was a tough sell for people who only needed 2 hours of community service.

viii. **Overall Evaluation**
    The teacher of this event enjoyed it. He liked seeing the progress the kids were making in coding, and how competitive they got on competition day. However, this event will not be sponsored by Tau Beta Pi next year because a Science Olympiad club has been created at UT.
Trivia Night at Calhoun’s 2
Tennessee Alpha

1. Project Information
   i. Date(s): 10/30/18
   ii. New/Recurring Project: Recurring
   iii. Project Areas:
         □ Custom
         □ Community/Liberal Culture
         □ University/College
         □ Profession/Engineering
         ✔ Chapter/Social
         □ Education/Professional Development
         □ K-12 STEM
   iv. Number of persons who participated:

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   v. Average number of hours per person spent:

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2. Project Evaluation
   i. General Description
      A group of members attended trivia night at a local restaurant. The group worked as a team to answer questions concerning various topics.

   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      This was a fun opportunity for social engagement.

   iii. Organization and Administration
      The social chair picked a date to go.

   iv. Total Cost
      $0.0

   v. Cost Breakdown
      Attendees could purchase food if they desired.

   vi. Special Problems Encountered
      None
vii. **Overall Evaluation**
Everyone that attended enjoyed playing trivia and getting to know some of the other members. There was a slightly larger number of members who attended compared to the last trivia night.
Science Olympiad: Game on

Tennessee Alpha

1. Project Information
   
i. Date(s): 11/05/18 - 02/25/19
   
ii. New/Recurring Project: New
   
iii. Project Areas:
      
      □ Custom
      □ Community/Liberal Culture
      □ University/College
      □ Profession/Engineering
      □ Chapter/Social
      □ Education/Professional Development
      
      ☑ K-12 STEM
   
iv. Number of persons who participated:
   
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2. Project Evaluation
   
i. General Description
   
   Once every two weeks, the instructor, Hayden Coffey, would go to a local middle school and help the kids develop a game using the coding language Scratch. Near the end of the year, this game would be judged against other schools coded game on various criteria like creativity, engagement, and level of difficulty.
   
ii. Purpose and Relationship to Objectives of Tau Beta Pi
   
   This recurring event helped middle school students see the fun they could have in the STEM field. This in turn will ignite their curiosity in school and STEM and hopefully fill the shortage of engineers society has today.
   
iii. Organization and Administration
   
   The point of contact for this event was Aram Bejnood. He coordinated time slots for people to be at the school and which events were on each day. For preparation for each Game On meeting, the instructor researched popular game mechanics and easy to use tools for kids.
iv. **In Conjunction With**
   UT Science Olympiad Club

v. **Total Cost**
   $0.0

vi. **Cost Breakdown**
   None.

vii. **Special Problems Encountered**
   It was hard to recruit people because each event for Science Olympiad was taught individually. Also the recurring bi-weekly commitment was a tough sell for people who only needed 2 hours of community service.

viii. **Overall Evaluation**
   The teacher of this event enjoyed it. He liked seeing the progress the kids were making in coding, and how competitive they got on competition day. However, this event will not be sponsored by Tau Beta Pi next year because a Science Olympiad club has been created at UT.
# Homecoming BBQ Tailgate

**Tennessee Alpha**

1. **Project Information**
   
i. **Date(s):** 11/13/18
   
ii. **New/Recurring Project:** New
   
iii. **Project Areas:**
       - ✓ Community/Liberal Culture
       - ✓ University/College
       - ✓ Chapter/Social
   
iv. **Number of persons who participated:**
   
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v. **Average number of hours per person spent:**

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</table>

2. **Project Evaluation**

i. **General Description**
   
The Engineering Homecoming BBQ is hosted by the Tickle College of Engineering (TCE) before the homecoming football game. It allows for engineering alumni to eat and learn about the TCE organizations.

ii. **Purpose and Relationship to Objectives of Tau Beta Pi**
   
   This event is great to meet TBP alumni and remind them of their time as a member. Some were parents of potential engineering students, and this allowed them to share why their children should join. We had old roll books on display, which gave alumni the opportunity to find their name and signature. All were excited to find their names and reminisce on their days as a member of TNA.

iii. **Organization and Administration**
   
   This event was organized and hosted by the Tickle College of Engineering and in large part orchestrated by Kathleen Barker of the TCE staff. The TBP display poster with pictures of engineering through the years at UT was made in a past year. The president and vice president compiled the role books, brochures, and award certificates to have on display.
iv. **In Conjunction With**  
Tickle College of Engineering

v. **Total Cost**  
$0.0

vi. **Cost Breakdown**  
Lunch was paid for by TCE. The materials on display were already in the chapter’s possession.

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

viii. **Overall Evaluation**  
The event ran smoothly. It was great to network with engineering alumni from UT and share what all our chapter is currently involved in. It seemed to spark some memories of alumni members, which may increase their involvement in the organization.

3. **Additional Attachments**

Figure 19: Homecoming BBQ Table
Fall Initiation

Tennessee Alpha

1. Project Information
   i. Date(s): 11/15/18
   ii. New/Recurring Project: Recurring
   iii. Project Areas:
   - Custom
   - Community/Liberal Culture
   - University/College
   - Profession/Engineering
   - Chapter/Social
   - Education/Professional Development
   - K-12 STEM
   iv. Number of persons who participated:
      | Category     | Count |
      |--------------|-------|
      | HQ Staff     | 3     |
      | Alumni       | 1     |
      | District Director | 1 |
      | Members      | 16    |
      | Electees     | 33    |
   v. Average number of hours per person spent:
      | Participating | Organizing |
      | 0.5           | 2.0        |

2. Project Evaluation
   i. General Description
      This was the formal ceremony for initiating new members. We followed the initiation ritual and had the new members officially added to our chapter.
   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      This allows our chapter to grow, and it introduces new members to some of the history and prestige of Tau Beta Pi.
   iii. Organization and Administration
      Several current members helped set up and take down the initiation materials. Some members volunteered to help collect initiation fees and get the new initiates organized. Members and alumni both helped by taking speaking parts during the ceremony.
iv. **Total Cost**
   $0.0

v. **Cost Breakdown**
   N/A

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

vii. **Overall Evaluation**
   Overall, initiation went very well. Each volunteer did his or her job well, and the ceremony went smoothly.
Fall Initiation Banquet
Tennessee Alpha

1. Project Information
   i. Date(s): 11/15/18
   ii. New/Recurring Project: Recurring
   iii. Project Areas:
   - Custom
   - Community/Liberal Culture
   - University/College
   - Profession/Engineering
   - Chapter/Social
   - Education/Professional Development
   - K-12 STEM
   iv. Number of persons who participated:
   
<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
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<tbody>
<tr>
<td>HQ Staff</td>
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<tr>
<td>Alumni</td>
<td>2</td>
</tr>
<tr>
<td>District Director</td>
<td>1</td>
</tr>
<tr>
<td>Members</td>
<td>16</td>
</tr>
<tr>
<td>Electees</td>
<td>33</td>
</tr>
</tbody>
</table>
   v. Average number of hours per person spent:

<table>
<thead>
<tr>
<th>Participating</th>
<th>Organizing</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5</td>
<td>1.5</td>
</tr>
</tbody>
</table>

2. Project Evaluation
   i. General Description
   After the initiation ceremony, all of the new members and volunteers were invited to a banquet at Calhoun’s. There, we had dinner and listened to a presentation from Andrea Gerrity, a TN-A alum who now works at ExxonMobil. ExxonMobil was also generous enough to pay for the meal.

   ii. Purpose and Relationship to Objectives of Tau Beta Pi
   The banquet served as a welcome celebration to our new members. It also gave everyone time to socialize and meet other members and TN-A alumni.

   iii. Organization and Administration
   The Vice President reserved a room at Calhoun’s, invited the speaker from ExxonMobil, and made sure that all of the attendees had transportation to and from the event.
iv. **Total Cost**
   $0.0

v. **Cost Breakdown**
   N/A

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

vii. **Overall Evaluation**
   This banquet always goes well. Everyone had a great time, and we got to learn about engineering career opportunities at ExxonMobil.

3. **Additional Attachments**

   ![Figure 20](image-url)
Figure 23:

Figure 24:
Salvation Army 1
Tennessee Alpha

1. Project Information
   i. Date(s): 11/17/18
   ii. New/Recurring Project: New
   iii. Project Areas:
      - Custom
      - Community/Liberal Culture
      - University/College
      - Profession/Engineering
      - Chapter/Social
      - Education/Professional Development
      - K-12 STEM
   iv. Number of persons who participated:
      | Category | Count |
      |----------|-------|
      | Members  | 4     |
      | Electees | 0     |
   v. Average number of hours per person spent:
      | Participating | Organizing |
      | 1.0           | 2.0        |

2. Project Evaluation
   i. General Description
      At this event, members spent two hours serving lunch to Knoxville’s homeless community at the Salvation Army.
   
   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      The Salvation Army is one of Knoxville’s largest charity organizations, and volunteering here demonstrates Tau Beta Pi’s commitment to community service.

   iii. Organization and Administration
      Our service chair directly reached out to the coordinator for the event. The chair then set up a sign-up sheet using google sheets, which included directions to the event space and specific instructions for the event (e.g. proper clothing and how to enter the building).

   iv. Total Cost
      $0.0

   v. Cost Breakdown
      There were no costs associated with the event.
vi. **Special Problems Encountered**  
There were no special problems.

vii. **Overall Evaluation**  
Overall, this event was an excellent way to serve the Knoxville community while increasing the visibility of Tau Beta Pi.

3. **Additional Attachments**

Figure 25: Picture of members who volunteered
November Bent Decorations

Tennessee Alpha

1. Project Information
   i. Date(s): 11/28/18
   ii. New/Recurring Project: Recurring
   iii. Project Areas:
       - Custom
       - Community/Liberal Culture
       - University/College
       - Profession/Engineering
       - Chapter/Social
       - Education/Professional Development
       - K-12 STEM
   iv. Number of persons who participated:
       
       | Category      | Count |
       |---------------|-------|
       | Members       | 1     |
       | Electees      | 0     |
   v. Average number of hours per person spent:
       
       | Participating | Organizing |
       | 1.0           | 1.0        |

2. Project Evaluation
   i. General Description
      Preparing the supplies and decorating the bent for the holidays.
   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      To raise the presence and awareness of TBP on campus.
   iii. Organization and Administration
      The supplies were purchased and used to decorate the bent.
   iv. Total Cost
      $8.25
   v. Cost Breakdown
      The cost covered tinsel and streamer to wrap around the bent.
   vi. Special Problems Encountered
      N/A
   vii. Overall Evaluation
      The December decoration was a success. The bent decoration was also promoted on Tickle College of Engineering instagram page as well as our chapter’s IG page.
3. Additional Attachments

Figure 26: Holiday Decorations
General Body Meeting

Tennessee Alpha

1. Project Information
   i. Date(s): 11/29/18
   ii. New/Recurring Project: Recurring
   iii. Project Areas:
      - Custom
      - Community/Liberal Culture
      - University/College
      - Profession/Engineering
      - Chapter/Social
      - Education/Professional Development
      - K-12 STEM
   iv. Number of persons who participated:

<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
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</thead>
<tbody>
<tr>
<td>Members</td>
<td>63</td>
</tr>
<tr>
<td>Electees</td>
<td>0</td>
</tr>
</tbody>
</table>
   v. Average number of hours per person spent:

   Participating | Organizing
   --------------|-------------
   2.0            | 2.0

2. Project Evaluation
   i. General Description
      At this meeting, the following were discussed: welcome to our new members, member requirements, TBP benefits, and upcoming events. A guest speaker presented from Siemens.
   ii. Purpose and Relationship to Objectives of Tau Beta Pi
       Discussed TBP business and upcoming events. The guest speaker, John Keller, an engineer at Siemens Healthineer, presented on the development, testing, and use of PET scanners.
   iii. Organization and Administration
       The meeting was organized by our section president with the assistance of other officers.
   iv. Total Cost
       $136.85
v. **Cost Breakdown**
   The only monetary cost for this meeting was for food and refreshments for the attendees, which totaled to $136.85. The section president presented on general section business and introduced our guest speaker. Other officers were in charge of picking up the refreshments and taking attendance.

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

vii. **Overall Evaluation**
   This was a successful and productive meeting. The guest speaker was engaging with members and provided an interesting look into development, testing, and his knowledge of the PET scanners.

3. **Additional Attachments**

   ![Figure 27: John Keller speaking to members.](image-url)
November MindSET

Tennessee Alpha

1. Project Information
   i. Date(s): 11/29/18
   ii. New/Recurring Project: Recurring
   iii. Project Areas:
      - Custom
      - Community/Liberal Culture
      - University/College
      - Profession/Engineering
      - Chapter/Social
      - Education/Professional Development
      - K-12 STEM
   iv. Number of persons who participated:
      | Category       | Count |
      |----------------|-------|
      | Members        | 4     |
      | Electees       | 0     |
   v. Average number of hours per person spent:
      | Participating | Organizing |
      | 1.0           | 2.0       |

2. Project Evaluation
   i. General Description
      Wooden Stick Catapult
      This module was performed with about 30 3rd to 5th graders. We made catapults out of wooden sticks and rubber bands. We launched paper balls into a basketball goal shaped trash can and "shot" three different types of shots. We built the catapults as a group and focused more on how to improve and adjust the catapult for each different shot.

   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      Engage community schools with specific STEM learning goals

   iii. Organization and Administration
      The materials used in this module were gathered from the TBP supply closet. Volunteers signed up for this module using an Excel signup sheet which was distributed through email and groupme.
iv. **Total Cost**
   $0.0

v. **Cost Breakdown**
   Material cost was $0 since the materials were already available in the supply closet. Personnel requirements were volunteers.

vi. **Special Problems Encountered**
   Students could not make the shots consistently.

vii. **Overall Evaluation**
   Teams of students were able to build and test their catapults. The students had a hard time making the shots consistently. We probably should have used bigger sticks that the students could handle better.
1. Project Information
   i. Date(s): 01/08/19
   ii. New/Recurring Project: New
   iii. Project Areas:
       - Custom
       - Community/Liberal Culture
       - University/College
       - Profession/Engineering
       - ✔ Chapter/Social
       - Education/Professional Development
       - K-12 STEM
   iv. Number of persons who participated:

<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
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<td>Members</td>
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<tr>
<td>Electees</td>
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   v. Average number of hours per person spent:

<table>
<thead>
<tr>
<th>Participating</th>
<th>Organizing</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5</td>
<td>2.0</td>
</tr>
</tbody>
</table>

2. Project Evaluation
   i. General Description
      Our chapter’s on-campus office/closet has always been very cluttered. This makes it difficult to find required supplies, which leads to us sometimes purchasing something we already have. We threw out unneeded items, wiped everything down, organized all the supplies, and labeled everything.

   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      By cleaning up our office space, we were much more organized throughout the semester and knew what needed to be purchased and when. Decluttering the office also made it more accessible throughout the semester.

   iii. Organization and Administration
      The president set up a date and time to complete this project with the officers.

   iv. Total Cost
      $0.0
v. **Cost Breakdown**
   No money was spent for this project. Labels and sharpies used for organizing were already in our possession.

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

vii. **Overall Evaluation**
    The office space was much more clean and organized.

3. **Additional Attachments**

Figure 28: Before
Semester Planning Officer Meeting

Tennessee Alpha

1. Project Information
   i. Date(s): 01/08/19
   ii. New/Recurring Project: Recurring
   iii. Project Areas:
       - Custom
       - Community/Liberal Culture
       - University/College
       - Profession/Engineering
       - Chapter/Social
       - Education/Professional Development
       - K-12 STEM
   iv. Number of persons who participated:
       | Category       | Count |
       |----------------|-------|
       | Members        | 6     |
       | Electees       | 0     |
   v. Average number of hours per person spent:
       | Participating | Organizing |
       | 0.5           | 1.0 |

2. Project Evaluation
   i. General Description
      This meeting was the beginning of the semester officer meeting. We discussed plans for service and social events, general body meetings, and initiation. We also laid out all the dates for initiation activities and many of our social events. We also discussed communication and laid out plans for updating our website.
   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      This purpose of this meeting was to make plans for the upcoming semester for TN-A.
   iii. Organization and Administration
      The president set up the date/time and created an agenda on items to discuss.
   iv. Total Cost
      $0.0
   v. Cost Breakdown
      There were no costs associated with the project.
vi. **Special Problems Encountered**  
N/A  

vii. **Overall Evaluation**  
The meeting laid out our timeline of events for the semester and gave us a jump-start on planning and execution.
Distinguished Alumni Nomination

Tennessee Alpha

1. Project Information
   i. Date(s): 01/08/19 - 02/01/19
   ii. New/Recurring Project: New
   iii. Project Areas:
      □ Custom
      ✓ Community/Liberal Culture
      ✓ University/College
      ✓ Profession/Engineering
      ✓ Chapter/Social
      □ Education/Professional Development
      □ K-12 STEM
   iv. Number of persons who participated:

<table>
<thead>
<tr>
<th>Category</th>
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<tr>
<td>Advisors</td>
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<tr>
<td>Alumni</td>
<td>1</td>
</tr>
<tr>
<td>Members</td>
<td>2</td>
</tr>
<tr>
<td>Electees</td>
<td>0</td>
</tr>
</tbody>
</table>
   v. Average number of hours per person spent:

<table>
<thead>
<tr>
<th>Participating</th>
<th>Organizing</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0</td>
<td>10.0</td>
</tr>
</tbody>
</table>

2. Project Evaluation
   i. General Description
   The chapter nominated the University of Tennessee’s Interim Chancellor and for-
   mer Tickle College of Engineering Dean, Dr. Wayne T. Davis, for the Tau Beta
   Pi Distinguished Alumni Award. The chapter nominated him for his outstanding
   accomplishments in engineering while living up to the ideals of Tau Beta Pi
   and fostering a spirit of liberal culture. The chapter believes that Dr. Davis has
   displayed these values throughout his career, and that he would be an excellent
   candidate for the award as he strives for integrity and excellence in all he does.
   
   ii. Purpose and Relationship to Objectives of Tau Beta Pi
   The purpose of this project was to recognize an alumni that has stayed involved
   with our chapter while displaying the ideals of Tau Beta Pi throughout his career.
iii. **Organization and Administration**
The vice president and president of the chapter worked together to gather information to include in the nomination. The president worked with the chapter’s chief advisor to contact two of Dr. Davis’s associates to serve as references. The president wrote the nomination. The vice president and two advisors reviewed the nomination before the president submitted it.

iv. **Total Cost**
$0.0

v. **Cost Breakdown**
There were no costs associated with this project.

vi. **Special Problems Encountered**
None

vii. **Overall Evaluation**
The president and vice president were able to submit a detailed nomination on behalf of Tennessee Alpha. UT Chancellor Emeritus and Distinguished Professor, Dr. Jimmy Cheek and UT College of Engineering Alumni and namesake, John D. Tickle, served as Dr. Davis’s references. We hope to hear Dr. Davis is selected as a recipient of the award this summer.
Constitution Ratification Vote

Tennessee Alpha

1. Project Information
   i. Date(s): 01/08/19 - 02/08/19
   ii. New/Recurring Project: New
   iii. Project Areas:
      - Custom
      - Community/Liberal Culture
      - University/College
      - Profession/Engineering
      - Chapter/Social
      - Education/Professional Development
      - K-12 STEM
   iv. Number of persons who participated:
      | Category   | Count |
      |------------|-------|
      | Members    | 69    |
      | Electees   | 0     |
   v. Average number of hours per person spent:
      | Participating | Organizing |
      | 1.5           | 0.5        |

2. Project Evaluation
   i. General Description
      The chapter voted on the the nine amendments to the constitution that were approved at the 2018 convention. A google form was utilized to keep the votes organized.
   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      The purpose of this project was to vote on changes to the association.
   iii. Organization and Administration
      The president prepared a google form outlining all the amendments as yes or no questions. The president sent out a link to the google at the start of the January General Body Meeting and presented the changes while members voted during the meeting. The google form was sent out afterwards for those that could not attend the meeting to vote. The ratification ballot was prepared by the president and reviewed by the secretary before sending in to Headquarters.
   iv. Total Cost
      $0.0
v. **Cost Breakdown**
   There were no costs associated with this project.

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

vii. **Overall Evaluation**
    The amount of votes received was well over the 3/4 quorum. All amendments were passed by the chapter.
General Body Meeting

Tennessee Alpha

1. Project Information

   i. Date(s): 01/17/19
   ii. New/Recurring Project: Recurring
   iii. Project Areas:
      - [x] Custom
      - [x] Community/Liberal Culture
      - [x] University/College
      - [x] Profession/Engineering
      - [x] Chapter/Social
      - [ ] Education/Professional Development
      - [ ] K-12 STEM
   iv. Number of persons who participated:

      | Category  | Count |
      |-----------|-------|
      | Members   | 63    |
      | Electees  | 0     |
   v. Average number of hours per person spent:

      | Participating | Organizing |
      |---------------|------------|
      | 2.0           | 1.5        |

2. Project Evaluation

   i. General Description
      At this meeting, the following were discussed: member requirements, the points system, National Scholarships and Fellowships available to members, committees for members to be involved in, and upcoming events. A guest speaker presented from Colortech.

   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      Discussed TBP business and upcoming events. Our chapter nominated Dr. Wayne T. Davis for the TBP Distinguished Alumni Award. The guest speaker, James Tolene, a UT graduate working at Colortech, presented on the work Colortech does in the plastics industry. He also gave insight into the hiring process for engineers and what they are looking for in new graduates.

   iii. Organization and Administration
      The meeting was organized by our section president with the assistance of other officers.
iv. **Total Cost**  
$163.79

v. **Cost Breakdown**  
The only monetary cost for this meeting was for food and refreshments for the attendees, which totaled to $163.79. The section president presented on general section business and introduced our guest speaker. Other officers were in charge of picking up the refreshments and taking attendance.

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

vii. **Overall Evaluation**  
This was a successful and productive meeting. The guest speaker was very engaging with members and we received positive feedback from members. The presenter spent the majority of his time answering questions from members, both on the company and his experience in interviewing engineers.
January Bent Decorations

Tennessee Alpha

1. Project Information
   i. Date(s): 01/19/19
   ii. New/Recurring Project: Recurring
   iii. Project Areas:
       - Custom
       - Community/Liberal Culture
       - University/College
       - Profession/Engineering
       - Chapter/Social
       - Education/Professional Development
       - K-12 STEM
   iv. Number of persons who participated:
       | Category      | Count |
       |---------------|-------|
       | Members       | 1     |
       | Electees      | 0     |
   v. Average number of hours per person spent:
       | Participating | Organizing |
       | 1.0           | 1.0       |

2. Project Evaluation
   i. General Description
      Preparing the supplies and decorating the bent for the new year. The decoration consisted of pipe cleaner 2019 with new year glasses attached.
   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      To raise the presence and awareness of TBP on campus.
   iii. Organization and Administration
      The supplies were purchased and used to decorate the bent.
   iv. Total Cost
      $0.64
   v. Cost Breakdown
      The cost covered the glasses. The pipe cleaners were available from previous decorations.
   vi. Special Problems Encountered
      N/A
vii. **Overall Evaluation**

The project meets its intended goal with minimal budget. The decorated bent was not only promoted on our chapter's Instagram page but also the Tickle College of Engineering’s.

3. **Additional Attachments**

![Figure 30: New Year Decorations](image-url)
T-Shirt and Polo Design

Tennessee Alpha

1. Project Information
   i. Date(s): 01/28/19 - 03/08/19
   ii. New/Recurring Project: New
   iii. Project Areas:
         - Custom
         - Community/Liberal Culture
         - University/College
         - Profession/Engineering
         - Chapter/Social
         - Education/Professional Development
         - K-12 STEM
   iv. Number of persons who participated:

<table>
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<tr>
<th>Category</th>
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<td>Members</td>
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<td>Electees</td>
<td>0</td>
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</table>
   v. Average number of hours per person spent:

<table>
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<tr>
<th>Participating</th>
<th>Organizing</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.5</td>
<td>1.0</td>
</tr>
</tbody>
</table>

2. Project Evaluation
   i. General Description
      The officer board decided to sell polos and t-shirts to members to advertise Tau Beta Pi on campus. The t-shirt and polo polo designs were drafted by the Image and Marketing Chair for the committee to give feedback. Upon selection of a design, the finalized t-shirt and polo designs were submitted to HQ and approved.
   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      The meeting helped to plan and design t-shirts promoting Tennessee Alpha within the Tickle College of Engineering community.
   iii. Organization and Administration
      The Image and Marketing Chair and the Communications Chair coordinated the meeting so that committee members could decide a design.
   iv. Total Cost
      $0.0
v. **Cost Breakdown**
   The chapter paid $687.96 to the t-shirt company to make the polos and t-shirts.
   A preorder was ran; all expenses were covered with the preorder.

vi. **Special Problems Encountered**
   None

vii. **Overall Evaluation**
   The t-shirt and polo designs were approved by HQ, sent to the t-shirt company for production, and sold to Tau Beta Pi members in the chapter and to faculty at UT. We received positive feedback on the polo and t-shirts.

3. **Additional Attachments**
Figure 31: HQ Approved T shirt design
Figure 32: HQ Approved Polo Logo
February Bent Decorations

Tennessee Alpha

1. Project Information
   i. Date(s): 01/31/19
   ii. New/Recurring Project: Recurring
   iii. Project Areas:
       - Custom
       - Community/Liberal Culture
       - University/College
       - Profession/Engineering
       - Chapter/Social
       - Education/Professional Development
       - K-12 STEM
   iv. Number of persons who participated:

<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
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<tbody>
<tr>
<td>Members</td>
<td>3</td>
</tr>
<tr>
<td>Electees</td>
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   v. Average number of hours per person spent:

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<tr>
<th>Participating</th>
<th>Organizing</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0</td>
<td>1.0</td>
</tr>
</tbody>
</table>

2. Project Evaluation
   i. General Description
      Preparing the supplies and decorating the bent for Valentines Day. The decorations included a heart hung on the bent.
   ii. Purpose and Relationship to Objectives of Tau Beta Pi
       To raise the presence and awareness of TBP on campus.
   iii. Organization and Administration
       The supplies were purchased and used to decorate the bent.
   iv. Total Cost
       $5.33
   v. Cost Breakdown
       The cost covered the heart that was hung on the bent.
   vi. Special Problems Encountered
       N/A
vii. **Overall Evaluation**

The project meets its intended goal with minimal budget. The decorated bent was not only promoted on our chapter’s instagram page but also the Tickle College of Engineering’s.

3. **Additional Attachments**

![Figure 33: February Decorations](image-url)
Website Committee Meeting February
Tennessee Alpha

1. Project Information
   i. Date(s): 02/03/19
   ii. New/Recurring Project: Recurring
   iii. Project Areas:
      - Custom
      - Community/Liberal Culture
      - University/College
      - Profession/Engineering
      - ✔ Chapter/Social
      - ☐ Education/Professional Development
      - ☐ K-12 STEM
   iv. Number of persons who participated:
      | Category     | Count |
      |--------------|-------|
      | Members      | 5     |
      | Electees     | 0     |
   v. Average number of hours per person spent:
      | Participating | Organizing |
      | 2.0           | 1.0       |

2. Project Evaluation
   i. General Description
      TBP Chapter TN Alpha uses Wordpress as the chapter website platform. The website committee met in order to introduce the platform to committee members.
   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      The purpose is to revamp a resource for members and interested students to find information on the chapter and current events.
   iii. Organization and Administration
      TBP Website Committee chose a date to meet.
   iv. Total Cost
      $0.0
   v. Cost Breakdown
      N/A
   vi. Special Problems Encountered
      Updates require special credentials.
vii. **Overall Evaluation**

Committee members adapted very quickly to editing the website based on the given instruction. The website is expected to become more personalized and provide members a quick and easy reference for accessing chapter news.

3. **Additional Attachments**

![Figure 34: Screenshot of home page on website](image)
February MindSET

Tennessee Alpha

1. Project Information

   i. Date(s): 02/06/19

   ii. New/Recurring Project: Recurring

   iii. Project Areas:

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

   iv. Number of persons who participated:

      | Category       | Count |
      |----------------|-------|
      | Members        | 3     |
      | Electees       | 0     |

   v. Average number of hours per person spent:

      | Participating | Organizing |
      |---------------|------------|
      | 1.0           | 1.0        |

2. Project Evaluation

   i. General Description

      Tower Building Module

      This module was performed with 15 3rd grade students at Pond Gap Elementary. Students were given a problem statement and instructed to follow the engineering process to build a tower out of given materials to solve the problem.

   ii. Purpose and Relationship to Objectives of Tau Beta Pi

      Engage community schools with specific STEM learning goals

   iii. Organization and Administration

      The materials used in this module were gathered from the TBP supply closet. Volunteers signed up for this module using an Excel signup sheet which was distributed through email and groupme.

   iv. Total Cost

      $0.0
v. **Cost Breakdown**
   Material cost was $0 since the materials used were in the supply closet. Personnel requirements were volunteers.

vi. **Special Problems Encountered**
   Students used materials not given to them but at their desks from the classroom. This put some teams at an advantage because not all teams used those materials.

vii. **Overall Evaluation**
   Teams of students were able to design, build, and test their towers. We reviewed and followed the engineering process. The students enjoyed the project and wanted to take their towers home.
General Body Meeting
Tennessee Alpha

1. Project Information
   i. Date(s): 02/07/19
   ii. New/Recurring Project: Recurring
   iii. Project Areas:
       - Custom
       - Community/Liberal Culture
       - University/College
       - Profession/Engineering
       - Chapter/Social
       - Education/Professional Development
       - K-12 STEM
   iv. Number of persons who participated:

<table>
<thead>
<tr>
<th>Category</th>
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<tr>
<td>Members</td>
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</tr>
<tr>
<td>Electees</td>
<td>0</td>
</tr>
</tbody>
</table>
   v. Average number of hours per person spent:

<table>
<thead>
<tr>
<th>Participating</th>
<th>Organizing</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.0</td>
<td>1.5</td>
</tr>
</tbody>
</table>

2. Project Evaluation
   i. General Description
      At this meeting, the following were discussed: member requirements, the points system, merchandise sale, updates from committees, and upcoming events. A guest speaker presented from our local Alumni Chapter representing Standard Aero.

   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      Discussed TBP business and upcoming events. The guest speaker, Patrick Jennings, a member of the Alumni Chapter and employee of Standard Aero, presented on his work with the company and experience with Tau Beta Pi.

   iii. Organization and Administration
      The meeting was organized by our section president with the assistance of other officers.
iv. **Total Cost**
   $165.0

v. **Cost Breakdown**
The only monetary cost for this meeting was for food and refreshments for the attendees, which totaled to $165.00. The section president presented on general section business and introduced our guest speaker. Other officers were in charge of picking up the refreshments and taking attendance.

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

vii. **Overall Evaluation**
   This was a successful and productive meeting. The guest speaker was engaging with members also discussing advice and his knowledge relevant to upcoming engineers.
Networking Dinner

Tennessee Alpha

1. Project Information
   i. Date(s): 02/09/19
   ii. New/Recurring Project: New
   iii. Project Areas:
      - Community/Liberal Culture
      - Profession/Engineering
      - Chapter/Social
   iv. Number of persons who participated:
      | Category       | Count |
      |----------------|-------|
      | HQ Staff       | 4     |
      | Executive Council | 7   |
      | Alumni         | 12    |
      | Members        | 13    |
      | Electees       | 1     |
   v. Average number of hours per person spent:
      | Participating | Organizing |
      | 0.5           | 3.0        |

2. Project Evaluation
   i. General Description
      TN-Alpha members were invited to join GSMAC, the Executive Council, and Headquarters staff for a dinner at Calhoun’s on the River. This provided the chance for each group to interact with each other and grow our networks. The president of TN Alpha, Mariah Lafond, had the chance to share some of the chapter’s activities. Speakers also included UT Interim Chancellor Wayne Davis, GSMAC President John Hopkins, Tau Beta Pi President Wayne Pugh, Executive Director Curt Gomulinski, and Director of Alumni Affairs Tricia Gomulinski.
   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      The dinner was a great way for our chapter to meet and network with members of the local alumni chapter and the Executive Council. The members were able to exchange stories and ideas with the alumni and Council members, and build their network among the engineering community.
iii. **Organization and Administration**
   The Great Smoky Mountain Alumni Chapter and Headquarters played a major role in planning the event. We worked with them to get the necessary information and communicate it to the chapter. The date picked was centered around the executive council’s meeting in Knoxville. Our chapter president prepared a speech describing chapter activities.

iv. **In Conjunction With**
   GSMAC and Headquarters

v. **Total Cost**
   $0.0

vi. **Cost Breakdown**
   The cost of catering was partially covered by headquarters and GSMAC. Each attendee paid $10 to offset costs.

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

viii. **Overall Evaluation**
    All that attended enjoyed the dinner and being able to network with other Tau Beta Pi members. It was also a great opportunity for the alumni and executive council to hear about Tennessee Alpha’s activities.

3. **Additional Attachments**

   **Figure 35: Students and Alumni Networking**
Figure 36: Students Enjoying the Food
Trivia Night at Sunspot

Tennessee Alpha

1. Project Information
   i. Date(s): 02/10/19
   ii. New/Recurring Project: Recurring
   iii. Project Areas:
      - Custom
      - Community/Liberal Culture
      - University/College
      - Profession/Engineering
      - Chapter/Social
      - Education/Professional Development
      - K-12 STEM
   iv. Number of persons who participated:
      | Category | Count |
      |----------|-------|
      | Members  | 7     |
      | Electees | 0     |
   v. Average number of hours per person spent:
      | Participating | Organizing |
      | 0.5           | 1.5        |

2. Project Evaluation
   i. General Description
      Members from our chapter attended trivia night at a local restaurant.
   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      This was a fun opportunity for social engagement.
   iii. Organization and Administration
      A date was chosen by the social chair.
   iv. Total Cost
      $0.0
   v. Cost Breakdown
      Attendees purchased meals as desired.
   vi. Special Problems Encountered
      The original planned date was Super Bowl Sunday. Upon this realization, we also found out the trivia company does not host trivia at any restaurants during this event. A new date was chosen and communicated to the members.
vii. **Overall Evaluation**

There was a decent turnout and the group won a $25 gift card for coming in second place. This is a fun way to get to know other members.

3. **Additional Attachments**

Figure 37: The Winning Trivia Team
Spring Initiate Interest Meeting
Tennessee Alpha

1. Project Information
   i. Date(s): 02/11/19
   ii. New/Recurring Project: Recurring
   iii. Project Areas:
        □ Custom
        □ Community/Liberal Culture
        □ University/College
        □ Profession/Engineering
        ✔ Chapter/Social
        □ Education/Professional Development
        □ K-12 STEM
   iv. Number of persons who participated:
       | Category   | Count |
       |-------------|-------|
       | Members     | 2     |
       | Electees    | 58    |
   v. Average number of hours per person spent:
       | Participating | Organizing |
       | 0.5           | 1.0        |

2. Project Evaluation
   i. General Description
      This was a meeting for all eligible initiates to learn more about our chapter and how to join Tau Beta Pi. At this meeting, we gave a brief presentation about Tau Beta Pi’s history, purpose, and benefits. We also handed out the electee materials to the new initiates, and we described what the next steps would be like for those wanting to join.
   ii. Purpose and Relationship to Objectives of Tau Beta Pi
       This meeting helps us invite new members and teach them about our organization.
   iii. Organization and Administration
       The Vice President creates and presents a PowerPoint about Tau Beta Pi.
   iv. Total Cost
       $0.0
   v. Cost Breakdown
       N/A
vi. Special Problems Encountered
   N/A

vii. Overall Evaluation
This is always a good meeting. We had the opportunity to tell the initiates about ourselves and get them oriented to the initiation process. Likewise, the initiates had the chance to tell us about themselves and ask any questions they had.
1. **Project Information**
   
i. Date(s): 02/18/19
   
ii. New/Recurring Project: Recurring
   
iii. Project Areas:
   
   - Custom
   - Community/Liberal Culture
   - University/College
   - Profession/Engineering
   - Chapter/Social
   - Education/Professional Development
   - K-12 STEM
   
iv. Number of persons who participated:

<table>
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v. Average number of hours per person spent:

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<thead>
<tr>
<th>Participating</th>
<th>Organizing</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5</td>
<td>1.0</td>
</tr>
</tbody>
</table>

2. **Project Evaluation**

   i. **General Description**
      
      Tau Bagel Pi was an event where members and initiates could come to the Tau Beta Pi Headquarters conference room to eat bagels and drink coffee. This event provided a way for the initiates and members to interact and get to know each other before their morning classes.

   ii. **Purpose and Relationship to Objectives of Tau Beta Pi**
      
      This event was a great way to show the new initiates where Headquarters was located and to tell them more about joining Tau Beta Pi. It also gave them a chance to get member signatures as part of the initiation process. Overall, it is a great way for the members and initiates to get to know one another.

   iii. **Organization and Administration**
      
      The social chair ordered bagels to be delivered from Panera Bread. The president made sure the Headquarters conference room was free to use.

   iv. **Total Cost**
      
      $100.0
v. **Cost Breakdown**
   The cost of bagels and coffee was approximately $100.

vi. **Special Problems Encountered**
   The amount of initiates who attended was pretty low for this event.

vii. **Overall Evaluation**
   Everyone enjoyed stopping by for a free breakfast and getting to know the new initiates. This also was a great way for the initiates to get their required signatures and see Tau Beta Pi Headquarters. The turnout was not quite what was expected, and we had quite a few bagels leftover.
Popcorn and Game Night

Tennessee Alpha

1. Project Information
   i. Date(s): 02/19/19
   ii. New/Recurring Project: New
   iii. Project Areas:
      - Custom
      - Community/Liberal Culture
      - University/College
      - Profession/Engineering
      - Chapter/Social
      - Education/Professional Development
      - K-12 STEM
   iv. Number of persons who participated:
      | Category | Count |
      |----------|-------|
      | Members  | 7     |
      | Electees | 1     |
   v. Average number of hours per person spent:
      | Participating | Organizing |
      | 1.0           | 1.0        |

2. Project Evaluation
   i. General Description
      Members and initiates gathered to play various games and enjoy some popcorn. Some of the games played included Jenga and Apples to Apples. This was a fun opportunity for the members and initiates to get to know each other.
   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      It gave the initiates a chance to get member signatures as part of the initiation process and learn more about Tau Beta Pi. Overall, it is a great way for the members and initiates to get to know one another.
   iii. Organization and Administration
      The social chair picked up the popcorn and popped it in a microwave. The president gathered games to play.
   iv. Total Cost
      $10.0
   v. Cost Breakdown
      The cost of popcorn and various popcorn seasoning was approximately $10.
vi. Special Problems Encountered
None

vii. Overall Evaluation
There was a low turnout, especially for the initiates. However, those that attended enjoyed the games and getting to know each other.

3. Additional Attachments

Figure 38: Playing Jenga
1. Project Information

i. Date(s): 02/20/19

ii. New/Recurring Project: Recurring

iii. Project Areas:

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

iv. Number of persons who participated:

<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
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<tbody>
<tr>
<td>Members</td>
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</tr>
<tr>
<td>Electees</td>
<td>6</td>
</tr>
</tbody>
</table>

v. Average number of hours per person spent:

<table>
<thead>
<tr>
<th>Participating</th>
<th>Organizing</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5</td>
<td>1.0</td>
</tr>
</tbody>
</table>

2. Project Evaluation

i. General Description

Tau Bagel Pi was an event where members and initiates could come to the Tau Beta Pi Headquarters conference room to eat bagels and drink coffee. This event provided a way for the initiates and members to interact and get to know each other before their morning classes. This was the second time this event was hosted in a week.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

This event was a great way to show the new initiates where Headquarters was located and to tell them more about joining Tau Beta Pi. It also gave them a chance to get member signatures as part of the initiation process. Overall, it is a great way for the members and initiates to get to know one another.

iii. Organization and Administration

The social chair ordered bagels to be delivered from Panera Bread. The president made sure the Headquarters conference room was free to use.
iv. **Total Cost**
   $100.0

v. **Cost Breakdown**
The cost of bagels and coffee was approximately $100.

vi. **Special Problems Encountered**
The amount of initiates who attended was pretty low for this event, but there were a few more than the previous event.

vii. **Overall Evaluation**
Everyone enjoyed stopping by for a free breakfast and getting to know the new initiates. This also was a great way for the initiates to get their required signatures and see Tau Beta Pi Headquarters. The turnout was not quite what was expected, and we had quite a few bagels leftover.
Spring Cookout
Tennessee Alpha

1. Project Information
   i. Date(s): 02/21/19
   ii. New/Recurring Project: Recurring
   iii. Project Areas:
       - Custom
       - Community/Liberal Culture
       - University/College
       - Profession/Engineering
       - Chapter/Social
       - Education/Professional Development
       - K-12 STEM
   iv. Number of persons who participated:
       | Category    | Count |
       |-------------|-------|
       | Members     | 16    |
       | Electees    | 23    |
   v. Average number of hours per person spent:
       | Participating | Organizing |
       | 1.0           | 1.5        |

2. Project Evaluation
   i. General Description
      The chapter hosted a cookout on campus for members and initiates to gather and get to know one another. The vice president grilled up burgers for everyone to eat. The initiates were able to ask the members questions about Tau Beta Pi and get their required member signatures as part of the initiation process.
   ii. Purpose and Relationship to Objectives of Tau Beta Pi
       This event gave the initiates a chance to get member signatures as part of the initiation process and learn more about Tau Beta Pi. Overall, it is a great way for the members and initiates to get to know one another.
   iii. Organization and Administration
       The social chair picked up the food. The vice president grilled the burgers.
   iv. Total Cost
       $100.0
v. Cost Breakdown
   The cost of burgers, chips, drinks, napkins, and plates was approximately $100.
   The grill was already owned by the chapter.

vi. Special Problems Encountered
   It was a little cold and rainy, but the cookout was moved to below the large
   awning at the entry way of a building to stay dry.

vii. Overall Evaluation
   This is always a well attended event. Everybody enjoyed gathering for food and
   getting to know each other. There was a good turnout despite the poor weather.

3. Additional Attachments
Figure 39: Excited for Burgers!
Figure 40: Initiates Getting Member Signatures
Figure 41: Cookout Next to the Bent
Figure 42: Members and Initiates Getting to Know Each Other
TN Science Bowl
Tennessee Alpha

1. Project Information
   i. Date(s): 02/22/19 - 02/23/19
   ii. New/Recurring Project: New
   iii. Project Areas:
      - Custom
      - Community/Liberal Culture
      - University/College
      - Profession/Engineering
      - Chapter/Social
      - Education/Professional Development
      - K-12 STEM
   iv. Number of persons who participated:
      \[
      \begin{array}{|c|c|}
      \hline
      \text{Category} & \text{Count} \\
      \hline
      \text{Members} & 3 \\
      \text{Electees} & 1 \\
      \hline
      \end{array}
      \]
   v. Average number of hours per person spent:
      \[
      \begin{array}{|c|c|}
      \hline
      \text{Participating} & \text{Organizing} \\
      \hline
      1.0 & 3.0 \\
      \hline
      \end{array}
      \]

2. Project Evaluation
   i. General Description
      At this event, members assisted with the logistics of the TN Science Bowl in roles such as judging, transporting materials, and checking in students.
   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      The TN Science Bowl is the official statewide science and engineering quiz bowl, and volunteering here demonstrates Tau Beta Pi’s commitment to K-12 STEM education. This event also allowed our members to directly interact with high school students, as well as represent Tau Beta Pi to the broader scientific community that was hosting the event.
   iii. Organization and Administration
      Our service chair directly reached out to the coordinator for the event. The chair then set up a sign-up sheet using google sheets, which included information for how each member could register and directions to the event space.
   iv. Total Cost
      $0.0
v. Cost Breakdown
There were no costs associated with the event.

vi. Special Problems Encountered
The event was relatively far from the school and required an early time commitment; this may have prevented more members from volunteering.

vii. Overall Evaluation
Overall, this event was an excellent way to serve the state’s high schools while increasing the visibility of Tau Beta Pi.

3. Additional Attachments

Figure 43: Picture of member Seth Holliday at event
GSMAC Executive Board Meeting
Tennessee Alpha

1. Project Information
   i. Date(s): 02/22/19
   ii. New/Recurring Project: New
   iii. Project Areas:
       - Custom
       - Community/Liberal Culture
       - University/College
       - Profession/Engineering
       - Chapter/Social
       - Education/Professional Development
       - K-12 STEM
   iv. Number of persons who participated:
       | Category   | Count |
       |------------|-------|
       | Alumni     | 7     |
       | Members    | 2     |
       | Electees   | 0     |
   v. Average number of hours per person spent:
       | Participating | Organizing |
       | 0.5           | 1.0        |

2. Project Evaluation
   i. General Description
      The president and vice president of our chapter were invited to attend the Great Smoky Mountain Alumni Chapter Executive Board Meeting. They were able to hear what some of the business of the alumni chapter, and got to share what was coming up for our chapter. They also learned of ways we could collaborate and promote alumni chapters to our members.
   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      This meeting was a great way to strengthen the relationship between the alumni chapter and student chapter, and provide opportunity for collaboration.
   iii. Organization and Administration
      The Great Smoky Mountain Alumni Chapter (GSMAC) board members organized the meeting.
   iv. In Conjunction With
      GSMAC
v. **Total Cost**
   
   $0.0

vi. **Cost Breakdown**
   
   The meeting was held at Panera Bread, and everyone had the opportunity to purchase refreshments if they pleased.

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

viii. **Overall Evaluation**
   
   This was a great way for Tennessee Alpha to share its activities, and for the alumni chapter to share how we could help them. The meeting also allowed Evan and Mariah to see the operations of the alumni chapter executive board.
Who’s that Tau Bate

Tennessee Alpha

1. Project Information
   i. Date(s): 02/25/19 - 03/15/19
   ii. New/Recurring Project: New
   iii. Project Areas:
       - Custom
       - Community/Liberal Culture
       - University/College
       - Profession/Engineering
       - Chapter/Social
       - Education/Professional Development
       - K-12 STEM
   iv. Number of persons who participated:
       | Category  | Count |
       |-----------|-------|
       | Members   | 4     |
       | Electees  | 0     |
   v. Average number of hours per person spent:
       | Participating | Organizing |
       | 0.5           | 3.0        |

2. Project Evaluation
   i. General Description
      The Image and Marketing committee met to go over the details of a new project, Who’s that Tau Bate campaign. Posters were designed to hang around campus with a description about a famous Tau Bate’s picture. The posters were printed and are ready to be hung on campus. In addition, a picture was put on Instagram with facts about Tau Bate, Jeff Bezos. A discount on polos/shirts was given to the first member who guessed correctly.

   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      The purpose of this project is to promote Tennessee Alpha within the Tickle College of Engineering community. This also visualizes the distinguished members of Tau Beta Pi, which increases the known benefits to students on campus.

   iii. Organization and Administration
      The Image and Marketing Chair and Communication Chairs coordinated the meeting in order to finalize poster designs.
iv. **Total Cost**
   $0.0

v. **Cost Breakdown**
   The posters were printed utilizing on-campus resources at no cost.

vi. **Special Problems Encountered**
   None

vii. **Overall Evaluation**
    Three posters were designed and printed for Jeff Bezos, Linus Pauling, and Buzz Aldrin. The Instagram post garnered some of the member’s attention towards the chapter’s Instagram account. The Image and Marketing Chair for next year plans to continue hanging the posters around campus and furthering the Instagram involvement with it.

3. **Additional Attachments**
"Tau Beta Pi has an important role in encouraging and inspiring engineers everywhere." — ???

Tau Beta Pi
the engineering honor society

Who’s that Tau Bate?

Founder and CEO of Amazon
The richest man in modern history
The first centi-billionaire

NEW JERSEY DELTA ’86

- Representing all engineering disciplines
- Developing communication and leadership skills
- Offering scholarships and fellowships
- Providing networking and career opportunities
- Making a difference
Spring Initiate Interviews

Tennessee Alpha

1. Project Information
   i. Date(s): 02/25/19 - 02/27/19
   ii. New/Recurring Project: Recurring
   iii. Project Areas:
      - Custom
      - Community/Liberal Culture
      - University/College
      - Profession/Engineering
      - Chapter/Social
      - Education/Professional Development
      - K-12 STEM
   iv. Number of persons who participated:
      | Category     | Count |
      |--------------|-------|
      | Members      | 13    |
      | Electees     | 39    |
   v. Average number of hours per person spent:
      | Participating| Organizing |
      | 0.5          | 0.5        |

2. Project Evaluation
   i. General Description
      Over the course of three days, our members conducted one-on-one interviews with each eligible initiate. In these interviews, we asked the initiates about themselves, their career goals, and their reasons for joining Tau Beta Pi. These were held in the HQ conference room, so the initiates had the chance to look around HQ after the interview. The members helping with the interviews were allowed to decide whether or not we should initiate these candidates based on the way they conducted themselves.
   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      This allowed our chapter to learn more about the character and personality of each of our new initiates, and it gave the initiates a chance to create a connection with a current Tau Beta Pi member.
   iii. Organization and Administration
      The Vice President created a sheet of questions to ask the initiates. The members conducting the interviews were instructed to fill out this sheet for each initiate and return it to the Vice President afterwards.
iv. **Total Cost**
   $0.0

v. **Cost Breakdown**
   N/A

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

vii. **Overall Evaluation**
    This went really well. It’s nice to get to talk to our new members and allow them to share their stories. It helps them feel included in Tau Beta Pi, and it helps our current members to get to know some of the new people each semester.
Bent Shining

Tennessee Alpha

1. Project Information
   i. Date(s): 02/26/19
   ii. New/Recurring Project: Recurring
   iii. Project Areas:
      - Custom
      - Community/Liberal Culture
      - University/College
      - Profession/Engineering
      - Chapter/Social
      - Education/Professional Development
      - K-12 STEM
   iv. Number of persons who participated:

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<tbody>
<tr>
<td>0.5</td>
<td>1.0</td>
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</tbody>
</table>

2. Project Evaluation
   i. General Description
      Some of the initiates shined the bent statue located on campus. This allowed them to get to know each other and get one of their required service hours for initiation. The bent also received its routine cleaning, which keeps it looking shiny.
   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      The initiates worked together to make sure the bent was clean and looked nice. Cleaning and shining the bent regularly keeps a good image of Tau Beta Pi on campus.
   iii. Organization and Administration
      The chapter president set a date and gathered the supplies needed from the supply closet.
   iv. Total Cost
      $0.0
v. **Cost Breakdown**  
Supplies needed were already in the chapter’s possession.

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

vii. **Overall Evaluation**  
The bent looked clean and shiny. The initiates that attended received a service hour for their work.

3. **Additional Attachments**

![Figure 45: After Shining](image-url)
Figure 46: Shining the Bent
Science Olympiad: Competition Day

Tennessee Alpha

1. Project Information
   i. Date(s): 03/02/19
   ii. New/Recurring Project: New
   iii. Project Areas:
       - Custom
       - Community/Liberal Culture
       - University/College
       - Profession/Engineering
       - Chapter/Social
       - Education/Professional Development
       ✓ K-12 STEM
   iv. Number of persons who participated:

       | Category   | Count |
       |------------|-------|
       | Members    | 2     |
       | Electees   | 0     |
   v. Average number of hours per person spent:

       | Participating | Organizing |
       |--------------|------------|
       | 1.0          | 4.0        |

2. Project Evaluation
   i. General Description
      This event was the competition day. The volunteers primarily supervised their competition, but would also lend a hand on other Science Olympiad competitions when available.
   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      This event helped middle school students see the fun they could have in the STEM field. Competition is a great way to get kids interested in any activity. This in turn will ignite their curiosity in school and STEM and hopefully fill the shortage of engineers society has today.
   iii. Organization and Administration
      The point of contact for this event was Aram Bejnood. He coordinated where volunteers should go on that day and what they were doing. The teachers from the school were also there to help keep children well behaved and on task.
   iv. In Conjunction With
      UT Science Olympiad Club
v. **Total Cost**
   $0.0

vi. **Cost Breakdown**
   None.

vii. **Special Problems Encountered**
   Since this was a one day event, people were more willing to volunteer, but we did not gain any volunteers who weren’t already teaching an event.

viii. **Overall Evaluation**
   This event was very fun to watch. The kids were super excited to see their hard work actually compete. Sadly, neither of the teams, Boomilever or Game On, qualified for the state competition. I think Tau Beta Pi members could volunteer for this event again next year. There was plenty of work to be done and more volunteers would have been appreciated.
March Bent Decorations

Tennessee Alpha

1. Project Information
   i. Date(s): 03/05/19
   ii. New/Recurring Project: Recurring
   iii. Project Areas:
      - Custom
      - Community/Liberal Culture
      - University/College
      - Profession/Engineering
      - Chapter/Social
      - Education/Professional Development
      - K-12 STEM
   iv. Number of persons who participated:
      | Category   | Count |
      |------------|-------|
      | Members    | 3     |
      | Electees   | 0     |
   v. Average number of hours per person spent:
      | Participating | Organizing |
      | 1.0           | 1.0        |

2. Project Evaluation
   i. General Description
      Preparing the supplies and decorating the bent for spring. The decorations included greenery wrapped around the bent.
   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      To raise the presence and awareness of TBP on campus.
   iii. Organization and Administration
      The supplies were purchased and used to decorate the bent.
   iv. Total Cost
      $9.77
   v. Cost Breakdown
      The cost covered the greenery that was hung on the bent.
   vi. Special Problems Encountered
      N/A
vii. Overall Evaluation
The project meets its intended goal with minimal budget. The decorated bent was not only promoted on our chapter’s Instagram page but also the Tickle College of Engineering’s.

3. Additional Attachments

Figure 47: Spring Green Decorations
Salvation Army 2
Tennessee Alpha

1. Project Information
   i. Date(s): 03/08/19
   ii. New/Recurring Project: New
   iii. Project Areas:
       - Custom
       - Community/Liberal Culture
       - University/College
       - Profession/Engineering
       - Chapter/Social
       - Education/Professional Development
       - K-12 STEM
   iv. Number of persons who participated:
       | Category     | Count |
       |---------------|-------|
       | Members       | 1     |
       | Electees     | 6     |
   v. Average number of hours per person spent:
       | Participating | Organizing |
       | 1.0           | 2.0       |

2. Project Evaluation
   i. General Description
      At this event, members spent two hours serving lunch to Knoxville’s homeless community at the Salvation Army.
   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      The Salvation Army is one of Knoxville’s largest charity organizations, and volunteering here demonstrates Tau Beta Pi’s commitment to community service.
   iii. Organization and Administration
      Our service chair directly reached out to the coordinator for the event. The chair then set up a sign-up sheet using google sheets, which included directions to the event space and specific instructions for the event (e.g. proper clothing and how to enter the building).
   iv. Total Cost
      $0.0
   v. Cost Breakdown
      There were no costs associated with the event.
vi. **Special Problems Encountered**
More people signed up than there were shifts available, but they were able to serve on a different day.

vii. **Overall Evaluation**
Overall, this event was an excellent way to serve the Knoxville community while increasing the visibility of Tau Beta Pi.
Chapter Pi Day Celebration

Tennessee Alpha

1. Project Information
   i. Date(s): 03/13/19
   ii. New/Recurring Project: New
   iii. Project Areas:
       - Custom
       - Community/Liberal Culture
       - University/College
       - Profession/Engineering
       - Chapter/Social
       - Education/Professional Development
       - K-12 STEM
   iv. Number of persons who participated:

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<td>UT Professor</td>
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<tr>
<td>Members</td>
<td>51</td>
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<tr>
<td>Electees</td>
<td>0</td>
</tr>
</tbody>
</table>

   v. Average number of hours per person spent:

<table>
<thead>
<tr>
<th>Participating</th>
<th>Organizing</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0</td>
<td>1.0</td>
</tr>
</tbody>
</table>

2. Project Evaluation
   i. General Description
      Part of the March general body meeting was devoted to celebrating Pi Day. The celebration consisted of pi-themed trivia, a pi memorization contest, and a pie bake off. Winners received Tau Beta Pi Day t-shirts as prizes. Afterwards, the meeting speaker, Dr. Mahadevan recited 200 digits of pi by memory. He once held the Guinness World Record for reciting 31,811 digits of pi by memory.

   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      This event brought together the chapter’s members to celebrate Pi Day.

   iii. Organization and Administration
      The president found trivia questions, printed off a page of pi digits, and gathered the Tau Beta Pi Day shirts. Members baked or bought a pie for the baking contest.

   iv. Total Cost
      $0.0
v. **Cost Breakdown**  
There were no costs associated with this event. The Tau Beta Pi Day shirts were leftover from a previous year. Members were asked to bring a pie for the pie bake off.

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

vii. **Overall Evaluation**  
Everyone was very interactive with the pi day activities, and enjoyed the friendly competitions. This was a fun way to celebrate pi day while the chapter was already gathered for the general body meeting.

3. **Additional Attachments**

Figure 48: Eating Pie
General Body Meeting

Tennessee Alpha

1. Project Information
   i. Date(s): 03/13/19
   ii. New/Recurring Project: Recurring
   iii. Project Areas:
      - Custom
      - Community/Liberal Culture
      - University/College
      - Profession/Engineering
      - Chapter/Social
      - Education/Professional Development
      - K-12 STEM
   iv. Number of persons who participated:
      
      | Category   | Count |
      |------------|-------|
      | Members    | 51    |
      | Electees   | 0     |
   v. Average number of hours per person spent:
      
      | Participating | Organizing |
      |---------------|------------|
      | 2.0           | 2.0        |

2. Project Evaluation
   i. General Description
      At this meeting, the following were discussed: member requirements for all members (including upcoming graduates), the points system, merchandise sale, initiation, and upcoming events. Officers for the 2019-2020 year were also elected at this meeting. A guest speaker presented from UT’s Psychology Department.
   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      Discussed TBP business and upcoming events. Also voted for the officer positions for the 2019-2020 year. The guest speaker, Dr. Rajan Mahadevan, known for his previous Guinness World Record for reciting the most digits of pi, presented on his research and knowledge of memory.
   iii. Organization and Administration
      The meeting was organized by our section president with the assistance of other officers.
iv. **Total Cost**
   $139.38

v. **Cost Breakdown**
The only monetary cost for this meeting was for food and refreshments for the attendees, which totaled to $139.38. The section president presented on general section business and introduced our guest speaker. Other officers were in charge of picking up the refreshments and taking attendance.

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

vii. **Overall Evaluation**
This was a successful and productive meeting. The guest speaker was very engaging with members. A non-engineering presenter was well received by members and gave an interesting look into his research and knowledge.
March MindSET
Tennessee Alpha

1. Project Information
   i. Date(s): 03/13/19
   ii. New/Recurring Project: Recurring
   iii. Project Areas:
      - Custom
      - Community/Liberal Culture
      - University/College
      - Profession/Engineering
      - Chapter/Social
      - Education/Professional Development
      - K-12 STEM
   iv. Number of persons who participated:
      | Category     | Count |
      |--------------|-------|
      | Members      | 2     |
      | Electees     | 2     |
   v. Average number of hours per person spent:
      | Participating | Organizing |
      | 1.0           | 1.0       |

2. Project Evaluation
   i. General Description
      Bottle Rocket Module
      This module was performed with 25 3rd grade students at Pond Gap Elementary. Students were given a problem statement and instructed to follow the engineering process to build a 2-liter bottle rocket powered by pressurized water and air.

   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      Engage community schools with specific STEM learning goals

   iii. Organization and Administration
      The materials used in this module were gathered from the TBP supply closet or recycled from the general body meetings. The test stand was improved to work more consistently without any future repairs. Volunteers signed up for this module using an Excel signup sheet which was distributed through email and groupme.
iv. **Total Cost**  
$0.0

v. **Cost Breakdown**  
Material cost was $0 since the materials used were in the supply closet. Personnel requirements were volunteers.

vi. **Special Problems Encountered**  
The test stand worked better than the last time. There was a time crunch to get the rockets done in time and launch them.

vii. **Overall Evaluation**  
Teams of students were able to design, build, and test their rockets. We reviewed and followed the engineering process. The students enjoyed the project and repeatedly ask when we will return.
1. **Project Information**
   
i. **Date(s):** 03/13/19
   
ii. **New/Recurring Project:** New
   
iii. **Project Areas:**
   - Custom
   - Community/Liberal Culture
   - University/College
   - Profession/Engineering
   - Chapter/Social
   - Education/Professional Development
   - K-12 STEM

iv. **Number of persons who participated:**

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<thead>
<tr>
<th>Category</th>
<th>Count</th>
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<tbody>
<tr>
<td>Members</td>
<td>51</td>
</tr>
<tr>
<td>Electees</td>
<td>0</td>
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</table>

v. **Average number of hours per person spent:**

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<td>0.5</td>
</tr>
</tbody>
</table>

2. **Project Evaluation**

i. **General Description**
   
The officer elections for the 2019-2020 academic year were held during the March 13th general body meeting.

ii. **Purpose and Relationship to Objectives of Tau Beta Pi**
   
This event elected the new officers that would further lead and grow our chapter.

iii. **Organization and Administration**
   
The president of the chapter created a google form and posted it in the GroupMe where members could vote on the nominees during the meeting.

iv. **Total Cost**
   
$0.0

v. **Cost Breakdown**
   
There were no costs with officer elections.

vi. **Special Problems Encountered**
   
N/A
vii. **Overall Evaluation**

The form allowed for easy and anonymous voting during the meeting. This year, we had multiple nominees for many positions. The form included a statement from each nominee about why they wanted to be an officer. The form allowed for a fair and clean voting process to elect the new officers.
Pi Day at HQ with GSMAC

Tennessee Alpha

1. Project Information
   i. Date(s): 03/14/19
   ii. New/Recurring Project: New
   iii. Project Areas:
      - ☑ Community/Liberal Culture
      - ☑ Profession/Engineering
      - ☑ Chapter/Social
      - ☑ Education/Professional Development
      - ☐ K-12 STEM
   iv. Number of persons who participated:

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<tr>
<td>Alumni</td>
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</tr>
<tr>
<td>Members</td>
<td>4</td>
</tr>
<tr>
<td>Electees</td>
<td>0</td>
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</tbody>
</table>
   v. Average number of hours per person spent:

<table>
<thead>
<tr>
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<th>Organizing</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5</td>
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</tbody>
</table>

2. Project Evaluation
   i. General Description
      Members of Tennessee Alpha joined the Great Smoky Mountains Alumni Chapter (GSMAC) for a Pi Day celebration at Headquarters.
   
   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      The group gathered to celebrate Tau Beta Pi Day by eating pie and learning about the history and operations of headquarters. It was a good chance for our chapter members to network with alumni.
   
   iii. Organization and Administration
      GSMAC and headquarters staff organized the event.
   
   iv. In Conjunction With
      GSMAC and HQ
   
   v. Total Cost
      $0.0
vi. **Cost Breakdown**
   The pies to eat were supplied by GSMAC.

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

viii. **Overall Evaluation**
    This event was a great way to celebrate Tau Beta Pi Day with the alumni chapter. It was a great opportunity to network and learn about some of the history of Tau Beta Pi and HQ while enjoying pie.
Pie Your Professor - Pi Day
Tennessee Alpha

1. Project Information
   i. Date(s): 03/14/19
   ii. New/Recurring Project: New
   iii. Project Areas:
       - Custom
       - Community/Liberal Culture
       - University/College
       - Profession/Engineering
       - Chapter/Social
       - Education/Professional Development
       - K-12 STEM
   iv. Number of persons who participated:

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<td>Advisors</td>
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<td>UT Professor</td>
<td>19</td>
</tr>
<tr>
<td>HQ Staff</td>
<td>3</td>
</tr>
<tr>
<td>Members</td>
<td>16</td>
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<td>Electees</td>
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   v. Average number of hours per person spent:

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<tr>
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</table>

2. Project Evaluation
   i. General Description
      Pie Your Professor was the chapter's first all inclusive Pi Day event for the Tickle College of Engineering. Students and faculty could pay $2 to pie one of the 20 professors that volunteered for the event. The professors represented various departments from the College of Engineering, and many are members of Tau Beta Pi. In addition, a local company donated slices of pizzas and pies that were sold during the event. All proceeds were donated to the local Ronald McDonald House.
   
   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      These event increased the image of Tau Beta Pi on campus as the sole hosts. It was also a great opportunity to give back to the community while celebrating Pi Day.
iii. Organization and Administration
   The president and social chair contacted the professors and created a schedule
   for them to do 15 minute shifts. A volunteer sheet was created for the chapter’s
   members to work the table throughout the duration of the event. A flyer was
   created and was used for advertising through the college of engineering communica-
   tions office and social media. The president purchased and gathered supplies
   needed for the day of the event. Tau Beta Pi headquarters organized to have the
   pizza and pies donated.

iv. In Conjunction With
   Tau Beta Pi Headquarters

v. Total Cost
   $81.23

vi. Cost Breakdown
   The cost associated with the event included whipped cream, plates, trash bags,
   paper towels, plastic ponchos, and thank you notes for the professors.

vii. Special Problems Encountered
   Attendance was not taken for those who came to pie.

viii. Overall Evaluation
   Pie Your Professor was fun way to interact with students and faculty in the college
   of engineering, while giving back to the community. Over $600 was raised for the
   Ronald McDonald House, and they were extremely grateful for the donation. In
   addition it increased the presence of Tau Beta Pi on campus, and the number of
   students asking how to join Tau Beta Pi through email and the chapter’s website
   increased after the event. The Tickle College of Engineering let the president take
   over their Instagram account during the event where she was able to promote
   the chapter. This lead to an increase in the number of the chapter’s Instagram
   followers. The event was also featured on the local news.

3. Additional Attachments
Figure 49: Student Throwing a Pie

Figure 50: Some Light Reading
April Bent Decoration
Tennessee Alpha

1. Project Information
   i. Date(s): 03/31/19
   ii. New/Recurring Project: Recurring
   iii. Project Areas:
      - [ ] Custom
      - [x] Community/Liberal Culture
      - [ ] University/College
      - [ ] Profession/Engineering
      - [x] Chapter/Social
      - [ ] Education/Professional Development
      - [ ] K-12 STEM
   iv. Number of persons who participated:
      | Category   | Count |
      |------------|-------|
      | Members    | 2     |
      | Electees   | 0     |
   v. Average number of hours per person spent:
      | Participating | Organizing |
      | 1.0           | 1.0        |

2. Project Evaluation
   i. General Description
      We prepared the equipment and decorated the bent for April. A flower crown was placed on the top of the bent for spring.
   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      To raise the presence and awareness of TBP on campus.
   iii. Organization and Administration
      Members planned out how to decorate it and went shopping for supplies.
   iv. Total Cost
      $0.0
   v. Cost Breakdown
      All supplies for the decoration were donated by a TBP member.
   vi. Special Problems Encountered
      n/a
vii. **Overall Evaluation**

Overall, the bent decoration went as planned for the month of April. The final results were shared with members and other chapters via Instagram to further raise awareness of the task. This project works well as the Tickle College of Engineering also will promote the decorations on their social media accounts.

3. **Additional Attachments**

![Figure 51: April Bent Decoration](image-url)
Salvation Army 3
Tennessee Alpha

1. Project Information
   i. Date(s): 04/02/19
   ii. New/Recurring Project: New
   iii. Project Areas:
       - ☑ Community/Liberal Culture
       - ☐ University/College
       - ☐ Profession/Engineering
       - ☐ Chapter/Social
       - ☐ Education/Professional Development
       - ☐ K-12 STEM
   iv. Number of persons who participated:

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   v. Average number of hours per person spent:

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2. Project Evaluation
   i. General Description
      At this event, members spent two hours serving lunch to Knoxville’s homeless community at the Salvation Army.

   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      The Salvation Army is one of Knoxville’s largest charity organizations, and volunteering here demonstrates Tau Beta Pi’s commitment to community service.

   iii. Organization and Administration
      Our service chair directly reached out to the coordinator for the event. The chair then set up a sign-up sheet using google sheets, which included directions to the event space and specific instructions for the event (e.g. proper clothing and how to enter the building).

   iv. Total Cost
      $0.0

   v. Cost Breakdown
      There were no costs associated with the event.
vi. **Special Problems Encountered**
   There were no special problems.

vii. **Overall Evaluation**
   Overall, this event was an excellent way to serve the Knoxville community while increasing the visibility of Tau Beta Pi.
April MindSET 1
Tennessee Alpha

1. Project Information
   i. Date(s): 04/03/19
   ii. New/Recurring Project: Recurring
   iii. Project Areas:
       - Custom
       - Community/Liberal Culture ✓
       - University/College
       - Profession/Engineering
       - Chapter/Social
       - Education/Professional Development
       - K-12 STEM ✓
   iv. Number of persons who participated:

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   v. Average number of hours per person spent:

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</tbody>
</table>

2. Project Evaluation
   i. General Description
      Toy Car Module
      This module was performed with 25 3rd grade students at Pond Gap Elementary. Students were given directions on how to build a toy car using a clothespin, straw, rubberbands, twist ties, and a balloon. The parts on a car were resembled in each piece of equipment given to them, and their importance and use in a car were explained.

   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      Engage community schools with specific STEM learning goals

   iii. Organization and Administration
      The materials used in this module were gathered from the TBP supply closet. Volunteers signed up for this module using an Excel signup sheet which was distributed through email and groupme.
iv. **Total Cost**

$0.0

v. **Cost Breakdown**

Material cost was $0 since the materials used were in the supply closet. Personnel requirements were volunteers.

vi. **Special Problems Encountered**

Students had difficulty building the cars, and some students got frustrated with the process. So much time was spent on building the cars that there was very little time to test the models.

vii. **Overall Evaluation**

Most of the students finished the cars. There are some improvements that can be made to the design that makes the building process easier for the students.
District 6 Conference
Tennessee Alpha

1. Project Information

i. Date(s): 04/05/19 - 04/06/19

ii. New/Recurring Project: New

iii. Project Areas:

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

iv. Number of persons who participated:

<table>
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<th>Count</th>
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<td>Members</td>
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<tr>
<td>Electees</td>
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</tbody>
</table>

v. Average number of hours per person spent:

<table>
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</thead>
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<tr>
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</table>

2. Project Evaluation

i. General Description

The president and president-elect attended the District 6 conference in Chattanooga, Tennessee.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

This event allowed us to meet and share ideas with other chapters and for our new officers to learn about reporting and resources. We also got to hear from the Executive Director and an Executive Council member to hear an update about all that is going on in the organization. The director of alumni affairs spoke about alumni chapters, and we had the opportunity to ask a panel of alumni members various questions. Finally we participated in an Engineering Futures session and group design challenge.

iii. Organization and Administration

TN Zeta was the host of the conference. In addition to the district directors, they were the primary organizers of the conference.
iv. **In Conjunction With**
   Tennessee Zeta

v. **Total Cost**
   $0.0

vi. **Cost Breakdown**
   All costs were covered by Tau Beta Pi.

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

viii. **Overall Evaluation**
   This was a great opportunity to network with other student members and the alumni. The upcoming president learned a great deal about reporting and resources that are offered. We also got share some about our chapter’s activities and come up with new ideas with the other chapters.

3. **Additional Attachments**

   Figure 52: Posing with UTC Bent
Salvation Army 4

Tennessee Alpha

1. Project Information
   i. Date(s): 04/05/19
   ii. New/Recurring Project: New
   iii. Project Areas:
       - Community/Liberal Culture
       - University/College
       - Profession/Engineering
       - Chapter/Social
       - Education/Professional Development
       - K-12 STEM
   iv. Number of persons who participated:
       | Category     | Count |
       |--------------|-------|
       | Members      | 5     |
       | Electees     | 0     |
   v. Average number of hours per person spent:
       | Participating | Organizing |
       | 1.0           | 2.0       |

2. Project Evaluation
   i. General Description
      At this event, members spent two hours serving lunch to Knoxville’s homeless community at the Salvation Army.
   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      The Salvation Army is one of Knoxville’s largest charity organizations, and volunteering here demonstrates Tau Beta Pi’s commitment to community service.
   iii. Organization and Administration
      Our service chair directly reached out to the coordinator for the event. The chair then set up a sign-up sheet using google sheets, which included directions to the event space and specific instructions for the event (e.g. proper clothing and how to enter the building).
   iv. Total Cost
      $0.0
   v. Cost Breakdown
      There were no costs associated with the event.
vi. **Special Problems Encountered**

There were no special problems.

vii. **Overall Evaluation**

Overall, this event was an excellent way to serve the Knoxville community while increasing the visibility of Tau Beta Pi.
Spring Initiation

Tennessee Alpha

1. Project Information
   i. Date(s): 04/10/19
   ii. New/Recurring Project: Recurring
   iii. Project Areas:
      - Custom
      - Community/Liberal Culture
      - University/College
      - Profession/Engineering
      - Chapter/Social
      - Education/Professional Development
      - K-12 STEM
   iv. Number of persons who participated:

      | Category      | Count |
      |---------------|-------|
      | Advisors      | 1     |
      | Alumni        | 2     |
      | HQ Staff      | 1     |
      | Members       | 19    |
      | Electees      | 37    |
   v. Average number of hours per person spent:

      | Participating | Organizing |
      |---------------|------------|
      | 0.5           | 2.0        |

2. Project Evaluation
   i. General Description
      This was the formal ceremony for initiating new members. We followed the initiation ritual and had the new members officially added to our chapter.
   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      This allows our chapter to grow, and it introduces new members to some of the history and prestige of Tau Beta Pi.
   iii. Organization and Administration
      Several current members helped set up and take down the initiation materials. Some members volunteered to help collect initiation fees and get the new initiates organized. Members and alumni both helped by taking speaking parts during the ceremony.
iv. **Total Cost**
   $0.0

v. **Cost Breakdown**
   N/A

vi. **Special Problems Encountered**
   One initiate showed up late because he didn’t realize that he had to be there before
   the ceremony began. In the future, we will be more clear about the expectations
   for this ceremony.

vii. **Overall Evaluation**
   Overall, initiation went very well. Each volunteer did his or her job well, and the
   ceremony went smoothly.
Spring Initiation Banquet

Tennessee Alpha

1. Project Information

i. Date(s): 04/10/19

ii. New/Recurring Project: Recurring

iii. Project Areas:

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

iv. Number of persons who participated:

<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advisors</td>
<td>1</td>
</tr>
<tr>
<td>Alumni</td>
<td>3</td>
</tr>
<tr>
<td>HQ Staff</td>
<td>1</td>
</tr>
<tr>
<td>Members</td>
<td>19</td>
</tr>
<tr>
<td>Electees</td>
<td>34</td>
</tr>
</tbody>
</table>

v. Average number of hours per person spent:

<table>
<thead>
<tr>
<th>Participating</th>
<th>Organizing</th>
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<tr>
<td>0.5</td>
<td>1.5</td>
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</table>

2. Project Evaluation

i. General Description

After the initiation ceremony, all of the new members and volunteers were invited to a banquet at Calhoun’s. There, we had dinner and listened to a presentation from Andrea Gerrity, a TN-A alum who now works at ExxonMobil. ExxonMobil was also generous enough to pay for the meal.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The banquet served as a welcome celebration to our new members. It also gave everyone time to socialize and meet other members and TN-A alumni.

iii. Organization and Administration

The Vice President reserved a room at Calhoun’s, invited the speaker from ExxonMobil, and made sure that all of the attendees had transportation to and from the event.
iv. **Total Cost**
$200.0

v. **Cost Breakdown**
The $200 was for a deposit to reserve our banquet room at Calhoun’s.

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

vii. **Overall Evaluation**
This banquet always goes well. Everyone had a great time, and we got to learn about engineering career opportunities at ExxonMobil.

3. **Additional Attachments**

![Figure 53:](image-url)
1. Project Information

i. Date(s): 04/17/19

ii. New/Recurring Project: Recurring

iii. Project Areas:

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

iv. Number of persons who participated:

<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
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<tr>
<td>Members</td>
<td>3</td>
</tr>
<tr>
<td>Electees</td>
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</table>

v. Average number of hours per person spent:

<table>
<thead>
<tr>
<th>Participating</th>
<th>Organizing</th>
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<tr>
<td>0.5</td>
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2. Project Evaluation

i. General Description

This meeting was intended for the new communications chair to get acquainted with the Mailchimp platform and evenly delegate responsibilities to the committee for translating campaigns into proper website material. Mailchimp is used for communicating to members via email.

ii. Purpose and Relationship to Objectives of Tau Beta Pi

The purpose of the meeting was to raise awareness of current Tau Beta Pi events and have effective communication to members via Mailchimp campaigns and the website.

iii. Organization and Administration

The previous (2018) Communications chair coordinated the first meeting to make sure the newly appointed (2019) communications chair and the communications committee are well acquainted with website responsibilities.

iv. Total Cost

$0.0
v. Cost Breakdown
   N/A

vi. Special Problems Encountered
   None

vii. Overall Evaluation
   The new (2019) Communication Chair successfully designed her first Mailchimp campaign and the committee knows what responsibilities there are in terms of translating Mailchimp campaign material into website material.

3. Additional Attachments

Figure 57: Screenshot of the beginning of April Newsletter
Officer Transition Meeting
Tennessee Alpha

1. Project Information
   i. Date(s): 04/22/19
   ii. New/Recurring Project: New
   iii. Project Areas:
      - Custom
      - Community/Liberal Culture
      - University/College
      - Profession/Engineering
      - Chapter/Social
      - Education/Professional Development
      - K-12 STEM
   iv. Number of persons who participated:
      | Category      | Count |
      |---------------|-------|
      | HQ Staff      | 3     |
      | District Director | 1 |
      | Members       | 16    |
      | Electees      | 0     |
   v. Average number of hours per person spent:
      | Participating | Organizing |
      | 0.5           | 2.0        |

2. Project Evaluation
   i. General Description
      At this meeting, officer transitions were discussed as well as how to improve as a chapter. Current officers discussed positives of last year and areas that needed improvement. New officers were able to talk together about areas they wanted to work on during the next year. New officers were also able to ask questions and meet with the officer who held their position last year.
   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      To have successful officer transitions and to promote continuity within our chapter.
   iii. Organization and Administration
      The president found a date when most could attend. The food and discussion topics were organized by members of headquarters.
   iv. Total Cost
      $0.0
v. **Cost Breakdown**
   There was no monetary cost for this meeting as dinner was provided by our generous hosts from Tau Beta Pi headquarters.

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

vii. **Overall Evaluation**
   This was a successful meeting. Current and new officers were able to reflect on the past year and come up with ideas for next year. This allows for the chapter to continue to grow in a positive direction.
April MindSET 2
Tennessee Alpha

1. Project Information
   i. Date(s): 04/24/19
   ii. New/Recurring Project: Recurring
   iii. Project Areas:
      - ☑ Community/Liberal Culture
      - ☑ K-12 STEM
   iv. Number of persons who participated:
      | Category    | Count |
      |-------------|-------|
      | Members     | 6     |
      | Electees    | 0     |
   v. Average number of hours per person spent:
      | Participating | Organizing |
      | 1.0           | 2.0         |

2. Project Evaluation
   i. General Description
      Egg Drop Module
      This module was performed with 15 3rd grade students at Pond Gap Elementary.
      Students were given materials and given the task to create a device that holds an egg that will survive a drop.
   
   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      Engage community schools with specific STEM learning goals
   
   iii. Organization and Administration
      The materials used in this module were gathered from the TBP supply closet. Volunteers signed up for this module using an Excel signup sheet which was distributed through email and groupme.
   
   iv. Total Cost
      $0.0
v. **Cost Breakdown**  
Material cost was $0 since the materials used were in the supply closet. Personnel requirements were volunteers.

vi. **Special Problems Encountered**  
The eggs kept breaking. Two groups of students could not get along, and they were forced to separate and not work on the project for the remainder of the class (teacher’s decision).

vii. **Overall Evaluation**  
This was the last module, so the students were sad to see us leave. For this module, the students performed well with two eggs surviving. They learned a lot this semester, and I hope the next officer goes to this school next year.
General Body Meeting

Tennessee Alpha

1. Project Information

   i. Date(s): 04/25/19
   ii. New/Recurring Project: Recurring
   iii. Project Areas:
       □ Custom
       □ Community/Liberal Culture
       □ University/College
       ✔ Profession/Engineering
       ✔ Chapter/Social
       □ Education/Professional Development
       □ K-12 STEM
   iv. Number of persons who participated:


<table>
<thead>
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<th>Category</th>
<th>Count</th>
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<tbody>
<tr>
<td>Members</td>
<td>65</td>
</tr>
<tr>
<td>Electees</td>
<td>0</td>
</tr>
</tbody>
</table>

   v. Average number of hours per person spent:


<table>
<thead>
<tr>
<th>Participating</th>
<th>Organizing</th>
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<tbody>
<tr>
<td>2.0</td>
<td>1.0</td>
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</table>

2. Project Evaluation

   i. General Description
   At this meeting, the following were discussed: welcome to our new members and congratulations to our graduating members, member requirements and benefits were reviewed for new members, alumni information and ways to stay connected to TBP were discussed for graduating members, and upcoming events. A guest speaker presented from Johnson & Johnson.

   ii. Purpose and Relationship to Objectives of Tau Beta Pi
   Discussed TBP business and upcoming events. The guest speaker, Nick Vitale, a recruiter and supervisor at Johnson & Johnson, gave a Skype presentation on the company’s leadership development program in addition to opportunities within the company.

   iii. Organization and Administration
   The meeting was organized by our section president with the assistance of other officers.
iv. **Total Cost**
   
   $256.25

v. **Cost Breakdown**
   
   The only monetary cost for this meeting was for food and refreshments for the attendees, which totaled to $256.25. The section president presented on general section business and introduced our guest speaker. Other officers were in charge of picking up the refreshments and taking attendance.

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

vii. **Overall Evaluation**
   
   This was a successful and productive meeting. The guest speaker provided an in-depth look at the hiring process for Johnson & Johnson through their management development program and answered questions about the program and company. The presentation went well, despite being though Skype.

3. **Additional Attachments**

   Figure 58: Photo taken during the Johnson & Johnson Skype presentation.
Trivia Night at Sunspot

Tennessee Alpha

1. Project Information
   i. Date(s): 04/28/19
   ii. New/Recurring Project: Recurring
   iii. Project Areas:
       □ Custom
       □ Community/Liberal Culture
       □ University/College
       □ Profession/Engineering
       ✓ Chapter/Social
       □ Education/Professional Development
       □ K-12 STEM
   iv. Number of persons who participated:
       | Category  | Count |
       |-----------|-------|
       | Members   | 8     |
       | Electees  | 0     |
   v. Average number of hours per person spent:
       | Participating | Organizing |
       | 0.5           | 1.5        |

2. Project Evaluation
   i. General Description
      Members from our chapter attended trivia night at a local restaurant.
   ii. Purpose and Relationship to Objectives of Tau Beta Pi
       This was a fun opportunity for social engagement.
   iii. Organization and Administration
       A date was voted on by the members using a poll in the GroupMe.
   iv. Total Cost
       $0.0
   v. Cost Breakdown
       The $25 giftcard that we received for coming in second place at the February trivia
       night was used to purchase appetizers for the group. Other attendees purchased
       meals as desired.
   vi. Special Problems Encountered
       N/A
vii. Overall Evaluation
There was a decent turnout and the group won a $50 giftcard for winning first place.

3. Additional Attachments

Figure 59: The Winning Trivia Team
Officer and Advisor Transition Meeting

Tennessee Alpha

1. Project Information

   i. Date(s): 05/01/19
   ii. New/Recurring Project: Recurring
   iii. Project Areas:
       - Custom
       - Community/Liberal Culture
       - University/College
       - Profession/Engineering
       - Chapter/Social
       - Education/Professional Development
       - K-12 STEM
   iv. Number of persons who participated:

<table>
<thead>
<tr>
<th>Category</th>
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<td>Members</td>
<td>6</td>
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<td>Electees</td>
<td>0</td>
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</table>
   v. Average number of hours per person spent:

<table>
<thead>
<tr>
<th>Participating</th>
<th>Organizing</th>
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<tbody>
<tr>
<td>0.5</td>
<td>1.0</td>
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</tbody>
</table>

2. Project Evaluation

   i. General Description
      The new and old president, vice president, and secretary met with one of the chapter’s faculty advisor, Dr. Kit. This gave the new officers a chance to meet one of the faculty advisors they will be working with next year and ask any questions. Topics discussed included ideas for using the yearly allotment from the endowment, hosting the 2021 national convention, and Dr. Kit taking over as chief advisor upon Dr. Pionke’s retirement after next year.

   ii. Purpose and Relationship to Objectives of Tau Beta Pi
      This meeting will allow for a smooth transition between officers as they begin to work with the faculty advisors.

   iii. Organization and Administration
      The current president coordinated a time when everyone could meet.

   iv. Total Cost
      $0.0
v. **Cost Breakdown**
   There were no costs associated with this project.

vi. **Special Problems Encountered**
   The original plan was to meet with the chief advisor, but he became ill and could not meet before the school year ended. Dr. Kit, a regular advisor, was willing to meet with the group at the same time.

vii. **Overall Evaluation**
   Despite Dr. Pionke becoming unavailable, this was a really productive meeting. The officers were able to solidify that Dr. Kit would take over as chief advisor and treasurer in the summer of 2020. He plans to be more involved with the position’s tasks over the next year. In addition, everyone was able to throw out ideas on ways to cut down costs for members and initiates, and how to utilize the endowment in a beneficial way. The current officers were tasked with creating a document with approximate costs for the past year’s activities that the new officers could use to create a budget for spending the endowment. Afterwards, these new officers were introduced to some of the headquarters staff.
Trivia Night at Sunspot

Tennessee Alpha

1. Project Information
   i. Date(s): 05/05/19
   ii. New/Recurring Project: Recurring
   iii. Project Areas:
       - Custom
       - Community/Liberal Culture
       - University/College
       - Profession/Engineering
       - Chapter/Social
       - Education/Professional Development
       - K-12 STEM
   iv. Number of persons who participated:
       | Category      | Count |
       |---------------|-------|
       | Members       | 4     |
       | Electees      | 0     |
   v. Average number of hours per person spent:
       | Participating | Organizing |
       | 0.5           | 1.5       |

2. Project Evaluation
   i. General Description
       Members from our chapter attended trivia night at a local restaurant.
   ii. Purpose and Relationship to Objectives of Tau Beta Pi
       This was a fun opportunity for social engagement.
   iii. Organization and Administration
       The group that attended the last trivia night decided to come back the next week to use gift card from winning.
   iv. Total Cost
       $0.0
   v. Cost Breakdown
       The $50 giftcard that we received for coming in first place at the April trivia night was used to purchase food for the group.
   vi. Special Problems Encountered
       N/A
vii. **Overall Evaluation**

There was a smaller turnout due to finals, but the group won a $10 giftcard for winning third place.