INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: New Life Day Center Philanthropy Date(s) of Project: Fall 2014

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

Number of persons who participated in this project Members: 30 Electees: 61 (Please attach a list of names.)

Hours spent on this project. Organizing: 20 Participating: 1/person

DESCRIPTION:

I. General Description: KY-A adopted the Lexington New Life Day Center, a facility that offers daily services to the homeless in our city, providing shelter, assistance finding jobs, lockers, etc, as the philanthropy for the year. The NLDC participated in the Good Giving Challenge which KY-A spearheaded.

II. Purpose & Relationship to Objectives of TBP: This was a volunteer, service, and fundraising project where KY-A was able to give back to both the community and to one of our long time supports, Mr. Steve Polston, as this charity was of his choice.

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

KY-A teamed up with the NLDC to contact friends and family and encourage them to donate to the NLDC through the Good Giving Challenge.

IV. Cost & Personnel Requirements: There were no costs incurred by the chapter, however personnel requirements were great. We required all actives and all electees to participate, in order to reach the maximum amount of donors.

V. Special Problems: It was difficult to get buy-in, especially from current members. First, the main way we were able to reach and solicit help from our members was through meeting, and the numbers were limited to who could show up to the meetings. However, many of our electees performed their task admirably!

VI. Overall Evaluation/Results (Be Specific): Through the efforts of KY-A, we were able to raise over $6,000 for the New Life Day Center!

VII. Index of Exhibits: N/A
The Tau Beta Pi Association
Chapter: __KY-A____
Chapter Project Report
Project number: __2____

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: __New Officer Retreat/Philanthropy Planning____ Date(s) of Project: __9/4/14____

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

Number of persons who participated in this project Members: __12____ Electees: __0____
(Please attach a list of names.)

Hours spent on this project. Organizing: __2____ Participating: __4____

DESCRIPTION:

I. General Description: __Mr. Polston invited us to his house for a new officer retreat, where we played croquet and darts etc, as well as planning our methods for success with the Good Giving Challenge for the New Life Day Center.____

II. Purpose & Relationship to Objectives of TBP: __This event worked to forge working relationships between new officers and also with Mr. Polston. KY-A’s involvement in the Good Giving Challenge was a personal favor to Mr. Polston, as he has been a long-time supporter of KY-A and its success.____

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

__This event only involved KY-A officers, adviser, Mr. Polston, and a representative from the New Life Day Center.____

IV. Cost & Personnel Requirements: __Mr. Polston covered the cost of food and the only personnel requirements were that of the 12 officers.____

V. Special Problems: __Only coordinating a time that most suited everyone’s schedule____

VI. Overall Evaluation/Results (Be Specific): __This was a great way for all the officers to become familiar with each other and with their position within KY-A. We had a great time and a productive meeting____

VII. Index of Exhibits: __N/A____
The Tau Beta Pi Association
Chapter: __KY-A_____
Chapter Project Report
Project number: __3____

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: __Good Giving Phone Bank____ Date(s) of Project: __12/10/14____

Project __x__ Community/ Liberal Culture __University/ College __Profession/ Engineering
Area: __Chapter/ Social __Education/ Prof. Dev. __K-12/MindSET

Number of persons who participated in this project Members: __4____ Electees: __0____
(Please attach a list of names.)

Hours spent on this project. Organizing: __1____ Participating: __2____

DESCRIPTION:

I. General Description: __We went to the New Life Day Center downtown and each had a list of potential donors from Mr. Polston’s network. We called 10-20 numbers asking each person to go online and give to the NLDC through the Good Giving Challenge________________________

II. Purpose & Relationship to Objectives of TBP: __Through this phone bank, we were able to secure donations for this facility which serves the homeless of our city and helps them to get off the streets. We also assisted a fellow Tau Bate and UK alumnus, Mr. Poston and furthered the integrity of TBP.________________________________________________________

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

We teamed up with other volunteers at the NDLC to create this very effective phone bank.

IV. Cost & Personnel Requirements: __There was no cost to the chapter; Mr. Polston provided pizza. Personnel included only those who could spare the time.________________________________________________________

V. Special Problems: __The fact that we only had four was not an issue, the calls didn’t take long.________________________________________________________

VI. Overall Evaluation/Results (Be Specific): __Though I have no verifications of actual donations, I believe we were quite effective as far as donations that day!________________________________________________________

VII. Index of Exhibits: __N/A________________________________________________________
INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: __Engineers Week Speaker_____ Date(s) of Project: ___2/26/14___________

Project   _x_ Community/ Liberal Culture   _x_ University/ College   ___Profession/ Engineering
Area:    ___Chapter/ Social    ___Education/ Prof. Dev.    ___K-12/MindSET

Number of persons who participated in this project
Members: ___20___ Electees: 4
(Please attach a list of names.)

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

DESCRIPTION:

I. General Description: _KY-A has the privilege of picking the college-wide E-Week speaker each year. This year we were lucky enough to host Dr. Story Musgrave on campus. His speech was held in the student center and the entire university was invited. TV cameras from local TV stations were there, and members of the community were also present for his enlightening talk. A reception followed._

II. Purpose & Relationship to Objectives of TBP: ___This event enhanced the image of TBP throughout the university and in the community, as well as furthering the liberal culture.___

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

____ We worked with the EStudio in the college as well as the NASA association on campus to help market and host this event.

IV. Cost & Personnel Requirements: ___ Tau Beta Pi incurred no costs for this event. The cost of the speaker and the food was provided by the college. We had three volunteers posterizing the campus prior to the event, and there were plenty of us on hand during the speech.

V. Special Problems: ____Despite extensive marketing efforts, the Grand Ballroom was not quite full, so more participants would've been ideal.
VI. Overall Evaluation/Results (Be Specific): Everyone who came raved about the effectiveness and enthusiasm of the speech! Story Musgrave is the more interesting and accomplished person I’ve had the pleasure to meet, and we were quite lucky to be able to have him here at UK.

VII. Index of Exhibits: __________________________
INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: ____ Engineers Day Events ____ Date(s) of Project: ____ 2/28/15 ______

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

Number of persons who participated in this project Members: 8 Electees: 0
(Please attach a list of names.)

Hours spent on this project. Organizing: 2 Participating: 6

DESCRIPTION:

I. General Description: Each year for EDay, TBP host an additional FLL competition as well as Speed Bent Building with Legos. Teams that competed in the Fall are invited back for a friendly match on Eday, and for their little siblings, we have Bent building with Legos and the quickest throughout the day in three age categories get a prize!

II. Purpose & Relationship to Objectives of TBP: This event exposes students to engineering and TBP, assists the college in hosting a successful Eday, and provides another platform for Tu Bates to bond as well.

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

Tau Bates were the sole hosts of this event. Most of the planning and supplies exist from years past. The logistics are handled by our advisor.

IV. Cost & Personnel Requirements: As the supplies are reused year to year, there was no cost to the chapter. We needed referees for the FLL portion and 4 timers for Bent Building at a time.

V. Special Problems: It was often very busy, so traffic could’ve been handled better in the room.

VI. Overall Evaluation/Results (Be Specific): We always have a great time at this event. We love getting to meet the students and their parents and tell them about TBP and the Bent, which always encourages many questions.
The Tau Beta Pi Association
Chapter Project Report

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: God’s Pantry Volunteering Date(s) of Project: Fall and 3/11/14

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

Number of persons who participated in this project
Members: 3 Electees: 40
(Please attach a list of names.)

Hours spent on this project. Organizing: 1 Participating: 3

DESCRIPTION:

I. General Description: We partnered with God’s Pantry, a local soup kitchen, for each semester of electees. In the Fall, they had the option of donating canned goods, and in the Spring, we had a volunteer opportunity at the hub.

II. Purpose & Relationship to Objectives of TBP: Along with enhancing the image of TBP, these were ways that we could condition the electees to give back to the community.

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

We took only Tau Bates on location and asked for donations only from within.

IV. Cost & Personnel Requirements: This project cost nothing to the chapter. The preparation was dealt by the Initiation Chair. She secured permissions for donations and a date to volunteer.

V. Special Problems: N/A

VI. Overall Evaluation/Results (Be Specific): Electees seemed to like the option of donating in the Fall and in the Spring about a tenth of them came to volunteer. Both were events worthwhile.

VII. Index of Exhibits: N/A
INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Inequalities Presentation  Date(s) of Project: 4/26/14

Number of persons who participated in this project
Members: 23  Electees: 0
(Please attach a list of names.)

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

DESCRIPTION:

I. General Description: We had a member who took a human inequalities class this semester, and she wanted to share the important lessons she’d learned with the chapter. So she did this at the beginning of a monthly meeting.

II. Purpose & Relationship to Objectives of TBP: This event educated our members on issues with inequalities and diversity that exist today, increasing our awareness and capability of dealing with these issues in the world.

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

The Tau Bate created the presentation and showed it to her teacher and myself for approval before giving it. Though only Tau Bates were present, this is a presentation that is relevant to everyone.

IV. Cost & Personnel Requirements:  There were no costs and minimal personnel requirements

V. Special Problems:  N/A

VI. Overall Evaluation/Results (Be Specific): The presentation went over quite well and everyone appreciated hearing this interesting and relevant perspective on inequalities.

VII. Index of Exhibits:  N/A
INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: College of Engineering Awards Banquet  
Date(s) of Project: 4/21/15

Number of persons who participated in this project
Members: 7  
Electees: 6

Hours spent on this project.
Organizing: 20  Participating: 3

DESCRIPTION:

I. General Description: Tau Beta Pi hosts the College of Engineering Awards Banquet each spring at UK. Each engineering major chose outstanding upperclassmen, graduate students and professors; as well, all of the engineering honors societies present awards at the banquet.

II. Purpose & Relationship to Objectives of TBP: This event was created to recognize outstanding engineering students and their achievements. It is a fun social event where students get to converse with professors outside of a classroom setting while they are recognized for their achievements.

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

A lot of organization goes into hosting this event, planning for this event includes reserving the ballroom, ordering catering for the dinner, compiling all of the departmental awards for the Banquet Program, and selling tickets to the departments, students, and families that wish to attend.

IV. Cost & Personnel Requirements: The largest cost associated with this event is the dinner. Tickets were sold for $20.00 to attend the banquet to cover the cost of the catering. Tau Beta Pi does not make any money through this event. Other costs include the award plaques and certificates, but these are usually minimal. Personnel included ticket takers, receiving line, and the MC, all Tau Bates.

V. Special Problems: N/A

VI. Overall Evaluation/Results (Be Specific): The banquet had gone well the past several years; it is an event that people look forward to at the end of each year and has help increase the recognition of Tau Beta Pi within the college of engineering. The event is a lot of hard work to put together, but it is
a lot of fun. It is also our chance to recognize new members of Tau Beta Pi that were initiated during the year who can attend free of charge.

VII. Index of Exhibits: ________________________________________________________________

Follows is an email from the Dean of the College of Engineering to The entire faculty and staff of Engineering

Dear Colleagues:

I am delighted to inform you of the faculty and staff award recipients from Tuesday night’s Tau Beta Pi Awards Banquet. Please take a few minutes out of your busy schedule to congratulate one or more of our awardees on their recognition.

* Outstanding Teacher in Biomedical Engineering: Dr. David Puleo
* Outstanding Teacher in Biosystems Engineering: Dr. Czarena Crofcheck
* Outstanding Teacher in Chemical Engineering: Dr. Brad Berron
* Outstanding Teacher in Civil Engineering: Dr. Jimmy Fox
* Outstanding Teacher in Computer Science: Dr. Andrew Klapper
* Outstanding Teacher in Electrical and Computer Engineering: Dr. Bill Smith
* Outstanding Teacher in Materials Engineering: Dr. Matt Beck and Dr. Mona Shirpour (TIE)
* Outstanding Teacher in Mechanical Engineering: Dr. Christine Trinkle
* Outstanding Teacher in Mining Engineering: Dr. Braden Lusk
* Outstanding Teacher in Paducah - Chemical Engineering: Dr. Derek Englert
* Tau Beta Pi Outstanding Teacher Award: Dr. Barbara Knutson
* Tau Beta Pi Outstanding Staff Award: Ms. Ilka Balk
* Tau Beta Pi Dr. Bruce L. Walcott Most Outstanding Service Award: Dr. Bill Murphy
* Lutes Award for Outstanding Teaching: Dr. Bill Smith

John Walz
The Tau Beta Pi Association
Chapter: KY-A
Chapter Project Report

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Career Fair Bag Check
Date(s) of Project: 9/23/14, 2/10/15

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

Number of persons who participated in this project
Members: 14 Electees: 0
(Please attach a list of names.)

Hours spent on this project. Organizing: 2 Participating: 5

DESCRIPTION:

I. General Description: TBP has volunteered to create a coat and bag check for students attending the technical day of the university-wide career fair. We keep track of students’ bags, coats, etc. so that they can look professional and organized while speaking with recruiters.

II. Purpose & Relationship to Objectives of TBP: This offers a service to the university and more specifically, the College of Engineering as this is a way we help students find jobs.

III. Organization & Administration: (in conjunction with another group?) Yes No
KY-A teamed up with the Stuckert Career Center and the Student Center to help organize this project.

IV. Cost & Personnel Requirements: No cost was incurred by the chapter, however personnel requirements were steep, sometimes eight at a time.

V. Special Problems: Special attention must be made to the organization of bags in for this project. And brush up on your customer service skills!

VI. Overall Evaluation/Results (Be Specific): A challenging yet fun and lucrative event. It’s another great way to interact with many students in one day!

VII. Index of Exhibits: See attached
Tau Beta Pi Fall 2014 Employer Showcase Bag Check – Business Plan

**Man-Power:** TBP will provide 3+ Tau Bates to run the bag check from 11:30 to 4, with volunteers arriving 10 minutes prior to shift to be full briefed on the operation.

**Charge:** TBP will charge Employer Showcase participants $1.00 per item they wish to store (bag, umbrella, coat).

**Strategy:** TBP will use doubled raffle tickets, prepared with the numbers 1-25 and a letter, A-? on the backs of each ticket. Upon arrival, students will pay and sign-in, leaving their name, email, and phone-number next to their respective ticket number, in the case of left baggage. They will then be given one raffle ticket, while the corresponding ticket is attached to their belongings and placed in a zone (possibly marked out by tape on the floor) with other items of the same letter. Once one zone reaches 25 items, a new zone will be created. Upon pick up, there will be Tau Bates assigned to locating each item, first by zone, then by item.

**Ticketing:** We have decided to use masking tape to attach raffle tickets onto the bag, coat or books. This will be much quicker than pinning the items and will not leave holes. The numbers on the raffle tickets will be pre-printed onto a spread sheet where the student can then fill out their name and phone number with the corresponding ticket numbers, reducing the amount of writing, and therefore the time to check-in items. Phone numbers will be required for each student so that we will be able to return any forgotten items easily and quickly.

**Signs/Media:** To advertise we plan to make and post flyers around the Engineering Quad the week leading up to the career fair, as well as contacting Lynn Tilley to include an advertising slide in his PowerPoint at the entrance of FPAT. We would also like to include a line advertising the bag/coat check on SWEs career fair advertisements.

The sign-in sheet will look like the following:

<table>
<thead>
<tr>
<th>Ticket Number</th>
<th>Name</th>
<th>Phone #</th>
<th>Item</th>
<th>Returned</th>
</tr>
</thead>
<tbody>
<tr>
<td>2030258</td>
<td>Joe Smith</td>
<td>859-555-5555</td>
<td>bag</td>
<td>JS</td>
</tr>
<tr>
<td>2030259</td>
<td>&quot;&quot;</td>
<td>&quot;&quot;</td>
<td>coat</td>
<td></td>
</tr>
<tr>
<td>2030260</td>
<td>Jane Doe</td>
<td>859-555-5557</td>
<td>bag</td>
<td>JD</td>
</tr>
<tr>
<td>2030261</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
The Tau Beta Pi Association
Chapter: __KY-A_____
Chapter Project Report
Project number: ___10_____

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: ___Monte Carlo Night________________ Date(s) of Project: ___11/13/14, 2/24/15____

Project __Community/ Liberal Culture __x University/ College __Profession/ Engineering Area: __x_ Chapter/ Social __Education/ Prof. Dev. __K-12/MindSET

Number of persons who participated in this project Members: ___ ___ Electees: ___
(Please attach a list of names.)

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

DESCRIPTION:

I. General Description: ___Monte Carlo Night is a game night that TBP hosts each year after mid-terms of the fall semester. This year, like last year, we hosted a second Monte Carlo Night during E-Day week in the spring semester, at the request of our Engineering Student Council. Engineering professors and Tau Beta Pi officers deal card games such as Black Jack, Poker, Craps, and Roulette, and students wager poker chips. The chips they win can be cashed in at the end of the night for donated prizes such as restaurant go cards, UK t-shirts, and other donated items.

II. Purpose & Relationship to Objectives of TBP: ___ This event is hosted as a way for students to relax and have fun after mid-terms, but it is also a great way for students to interact with their professors outside of the classroom. Monte Carlo Night also serves to improve the image of Tau Beta Pi on campus, particularly for underclassmen.

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

This event takes a lot of planning leading up to the event, and the vast majority of this planning is spearheaded by the Vice President. At least a month before hand we start collecting donated prizes from local businesses, contacting professors to see if they are willing and available to deal, and reserving rooms for the event. As well, during the days leading up to the event signs were posted around campus, on digital boards in the college of engineering, and a facebook event was created as a means of advertisement. The initiation chairs also organize electees and members to volunteer by helping set up and clean up the event.

IV. Cost & Personnel Requirements: ___The main costs incurred for this event were food. Many of the decorations are stored from past events and used year after year. Each student participating is charged a $5.00 buy-in which gets them so many chips and as much pizza and soda as they want. This charge helps cover the cost of food and can help raise funds for the chapter as a secondary benefit. Leading up to the event the Vice President was in charge of all of the planning, reservations, and prize collection, which she got help with as needed. The day of the event 10-12 people we there
to help set up the room, prizes, and decorations, and 8-10 people stayed after to help clean up and get the room back to normal. During the event 3 people worked the buy-in table, 2-3 people helped make sure everything was running smoothly, order more food if needed, etc. As well, about 5 professors were there running different games.

V. Special Problems: __ The biggest problem we encountered for the second Monte Carlo Night was that we did not start advertising early enough; we posted signs and made announcements for the days leading up to the event but should have started 2-3 weeks in advance to have had a better turnout. We were not even certain that we were putting on the second event till the week of, when a couple of officers offered to head it up, as the VP was busy with banquet. Better organization would've eliminated this issue.

VI. Overall Evaluation/Results (Be Specific): __We should have started advertising earlier for the second event. The Fall event had a great turn out, and the people that participated had a lot of fun and really liked the prizes offered. We were able to get enough prizes donated both semesters that everyone that stayed until the end of the night received a prize. Both semesters resulted in a profit for KY-A though this was only a secondary benefit.

VII. Index of Exhibits: _________________________________
INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: College of Engineering Tutoring Date(s) of Project: Year Round

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

Number of persons who participated in this project Members: Electees: 
(Please attach a list of names.)

Hours spent on this project. Organizing: Participating: 30 hrs/week

DESCRIPTION:

I. General Description: Tau Beta Pi offers tutoring in Engineering Subjects ranging from Physics, Calculus, and Chemistry through upper level engineering classes. We have tutors available from all majors of engineering to help their fellow engineering students. We are able to offer tutoring from 3pm-9pm Sunday through Thursday, the times when professors are less available and students are working on homework.

II. Purpose & Relationship to Objectives of TBP: Tutoring helps share enthusiasm from STEM subjects by teaching others. Helping underclassmen is a great service to them and the college, and it keeps the image of Tau Beta Pi known to everyone who hears about our tutoring.

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

Our new Associate Dean of Academic Studies has taken a keen interest in TBP tutoring and has worked with the college to enhance the tutoring experience and data collecting methods in order to maximize the effectiveness of our service. But the Tutoring Czar, one of the officers within KY-A works to schedule the tutors and see to all their needs. Interesting changes are in the future for our tutoring program.

IV. Cost & Personnel Requirements: The college pays each tutor $10/hr. The only cost incurred by TBP are nametags for tutors. The college has also given tutors use of iPads to keep track of the traffic.

V. Special Problems: Tutors are not always utilized as much as they should be, so we have been working on advertising more through the use of posters, talking to freshman engineering classes, and having the Engineering Advisors recommend it to students that are struggling in some of their classes.
VI. Overall Evaluation/Results (Be Specific): Overall, we have found this to be a great program because the tutors are able to help in classes that other on campus tutors are not able to help with. We have improved with our advertising of the tutoring service this year including tutoring posters, nametags, and online schedule. This schedule allows students to look up with a tutor with the same major as them is available. The Associate Dean’s interest is another indicator that this program is worthwhile. We have many repeat customers to our tutoring services.

VII. Index of Exhibits: ___________________________________________________________
The Tau Beta Pi Association
Chapter: KY-A
Chapter Project Report

Project number: 12

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: PI Day Pie Sale Date(s) of Project: 3/12/14

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

Number of persons who participated in this project Members: 3 Electees: 0
(Please attach a list of names.)

Hours spent on this project. Organizing: 3 Participating: 2

DESCRIPTION:

I. General Description: Pi Day is a new event that the Tau Beta Pi Association is putting on across many chapters. At Kentucky Alpha, we sold pie by the slice in the engineering commons area as a fund raiser. We also raffled off a full pie. This event is in celebration of Pi Day and is used as a social event and to further develop the image of Tau Beta Pi in the community and college.

II. Purpose & Relationship to Objectives of TBP: This was a fun event that Kentucky Alpha participated in, and it develops Tau Beta Pi’s image and provides social interaction between members and the engineering community.

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

This event was not done in conjunction with any other groups, but other chapters participated in their own Pi Day events.

IV. Cost & Personnel Requirements: We asked current members and electees to donate a homemade pie for the event. We used plates and utensils that were leftover from chapter meetings. This meant that there was no cost to the chapter.

V. Special Problems: In the future, we should advertise more ahead of time in order to encourage more students to participate.

VI. Overall Evaluation/Results (Be Specific): More planning would make this event more successful. And though it was in celebration of Super Pi Day (3.1415), March 14th was over spring break, so we decided to do it the Thursday prior, before too many students left for break.

VII. Index of Exhibits: N/A
INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: __SWE Bowl Participation________ Date(s) of Project: ___4/7/15________

Project __Community/ Liberal Culture __x University/ College __x Profession/ Engineering Area: __x Chapter/ Social __x Education/ Prof. Dev. __K-12/MindSET

Number of persons who participated in this project

Members: 4 Electees: 0
(Please attach a list of names.)

Hours spent on this project. Organizing: ___ Participating: ___2_

DESCRIPTION:

I. General Description: __SWE Bowl is an engineering quiz bowl that SWE hosts each year. Teams of four sign up to participate in the quiz tournament, where the questions are taken from the Fundamentals of Engineering Practice Exams ranging from physics and chemistry to professionalism and ethics.

II. Purpose & Relationship to Objectives of TBP: This was a fun event that TBP participated in where we had to know about professionalism and ethics type questions that are on the Fundamentals of Engineering Exam.

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

__Tau Beta Pi signed up to compete in this event as an independent team, along with many other engineering organizations, such as the Solar Car Team, Triangle, and the Formula One Team.

IV. Cost & Personnel Requirements: The event cost $25.00 to participate in, and monetary prizes were given to the top three places as follows: 1st - $750, 2nd - $500, 3rd - $250.

V. Special Problems: __We noticed that Tau Bates pack other teams, representing other clubs they are a part of. This is encouraging, though it hurts the TBP team’s chances of first place!

VI. Overall Evaluation/Results (Be Specific): __We had a great time, even though we go second place.____________________________
2013 SWE Bowl Rules

SWE bowl challenges undergraduate students at the College of Engineering to answer general questions in the subjects of science, math, physics, engineering, and technology. It also challenges the students in their knowledge of UK and the history of the College of Engineering.

**Date:** Wednesday, March 27\textsuperscript{th}

**Time:** 6:30-8:30 PM

**Where:** RGAN Rooms 207

**Rules:**

SWE Bowl will be held in two rooms simultaneously, with one match per room. The brackets for the Bowl will be pre-determined by random drawing. The team that is asked the first question will be determined by a coin-toss. Questions will alternate between the two teams from that point onward. The question will be read only once for the team that is receiving the question and the will have 10 seconds to answer. If the question requires a visual aid it will be shown on a projector. If the question is answered incorrectly, the opposing team will be given 5 seconds to answer. The question will not be read again for the opposing team. The team captain must answer all questions and only the first answer provided will be accepted. Each round ends when each team is asked a total of 7 questions or at the end of 8 minutes. This will be a single elimination tournament. All judgment made by the SWE Bowl Administration is final.

In the event of a tie there will be a single question tie breaker round. A question will be asked only once. Each team will have a bell, and the first team to ring in will have 5 seconds to answer the question. If incorrect, the second team will have 5 seconds to answer. The first team to correctly answer a question will win the match.

**Teams:**

Teams shall consist of no more than four members, with a single alternate member who may participate if one of the original four members cannot compete, from each organization. Each organization may have only 1 team. Each team must have a captain who will be responsible for providing answers. Pens and paper will be provided. No outside materials, including calculators, will be allowed. Once the competition begins teams **may not change team members.**

**Prizes:**

1\textsuperscript{st}: $750
2\textsuperscript{nd}: $500
3\textsuperscript{rd}: $250

A single round will be played by the losers of the semi-final rounds in order to determine the third place winner. It is strongly recommended to have a treasurer present to manage the distribution of prize money. If there are any questions, please feel free to email Sam Meffert at sbme222@uky.edu or call at 270-202-9668.
INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: ___Resume Book___________ Date(s) of Project: ___Began Spring 2015____

Project ___Community/ Liberal Culture ___University/ College ___Profession/ Engineering
Area: ___ Chapter/ Social ___Education/ Prof. Dev. ___K-12/MindSET

Number of persons who participated in this project Members: 20___ Electees: 0_
(Please attach a list of names.)

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

DESCRIPTION:

I. General Description: ___Our college’s Career Services Coordinator asked for resumes from Tau Bates that she can take to companies on her visits. We essentially put together a digital resume book with resumes from Tau Bates of every discipline and looking for both internship and full time employment.

II. Purpose & Relationship to Objectives of TBP: ___This helps to extend the image of TBP, that the top students’ resumes that they will see from our university will all be from Tau Bates.

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

___This project was actually suggested by our Career Services Director, and I worked closely with her to make it a reality.

IV. Cost & Personnel Requirements: ___There were no cost associated with this project, and the only personnel requirements were to send us resumes.

V. Special Problems: ___At first, deciding on a method of delivery to our director was difficult, but we decided on dropbox, which seemed to work well. Next I wonder how well it will be kept up to date. But it seems such a small price to pay for such significant potential results.

VI. Overall Evaluation/Results (Be Specific): ___This project has only just begun, so the results are yet unseen, but I am quite optimistic.

VII. Index of Exhibits: ___N/A
INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Letter Stuffing Party Date(s) of Project: 10/20/14, 2/26/14

Project ___Community/ Liberal Culture ___University/ College x Profession/ Engineering Area: x Chapter/ Social ___Education/ Prof. Dev. ___ K-12/MindSET

Number of persons who participated in this project Members: 4 Electees: 0
(Please attach a list of names.)

Hours spent on this project. Organizing: 6 Participating: 2

DESCRIPTION:

I. General Description: AS part of our effort to increase interest in TBP, we hand out letters to the eligible students and send letters home to their parents. In order to get these letters out in a timely fashion, we implore the time of our current members. We meet to fold, stuff, close and address each letter in an assembly line.

II. Purpose & Relationship to Objectives of TBP: This event gets us one step closer to initiation as well as encourages comradery within our membership.

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

Only Tau Bates were needed for this event. The preparation going into it consisted of the ever challenging process of preparing the final list of eligible students, mail merging the letters and printing them on letterhead.

IV. Cost & Personnel Requirements: There was no cost associated with hosting this event, but the cost of the stamps was necessary to send the letters out. We only needed as many people as could spare a couple hours.

V. Special Problems: N/A

VI. Overall Evaluation/Results (Be Specific): We were able to get the letters out in a timely manner and we had a good time!

VII. Index of Exhibits:
March 3, 2015

The Parents of Kia Antis
714 Waterfront St
Greenup, KY 41144

Dear Parents:

As the Dean of the University of Kentucky, College of Engineering, I would like to personally congratulate you on Kia’s outstanding performance in Bachelor of Science in Civil Engineering—earning an invitation to Tau Beta Pi, The Engineering Honor Society.

Tau Beta Pi is the second oldest Greek-letter honor society in America; the oldest is Phi Beta Kappa. Both societies are well known and respected throughout the United States. The latter is restricted to students in the liberal arts, while Tau Beta Pi is designed to “offer appropriate recognition for superior scholarship and exemplary character to students in engineering.” To qualify scholastically, a student must rank among the top 1/8th of juniors or the top 1/5th of seniors in the College of Engineering.

To be initiated into this prestigious society, Kia will enter an electee process that includes learning more about Tau Beta Pi and demonstrating exemplary character through service and professional development. To have qualified for this honor shows an extraordinary commitment to academics. Please encourage Kia to pursue membership in Tau Beta Pi with that same commitment.

A letter has been sent to announcing the first meeting of students who will pursue membership—Tuesday, March 10th at 7:00pm in the Ralph G. Anderson engineering building. Attendance is critical for those who wish to join. I am letting you know because there are always eligible students who do not receive our notice of this meeting in time. Please encourage Kia to attend this meeting.

In order to support the operation of the local chapter and the national organization, there is a one-time $75 initiation fee. As a member for over 30 years, I can tell you that this is truly a small cost for a life-long membership in such an honored society. No additional dues will ever be required.

Again, congratulations on Kia’s outstanding performance.

Sincerely yours,

Dr. John Walz
Dean, College of Engineering

Laura Martin
President, Tau Beta Pi KY-A
INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Engineering Future Session  
Date(s) of Project: 11/16/14

Project Area: Community/ Liberal Culture  University/ College  Profession/ Engineering

Project Area: Chapter/ Social  Education/ Prof. Dev.  K-12/MindSET

Number of persons who participated in this project
Members: 6  Electees: 4

(Please attach a list of names.)

Hours spent on this project.
Organizing: 2  Participating: 4

DESCRIPTION:

I. General Description: We held our engineering futures session of the year for electees to participate (it was open to current members as well). This was a great way for electees to interact and for them to be introduced to EF Sessions. Our second session was only for members, as the election process had not yet begun. The third session was during the spring election process for electees to attend.

II. Purpose & Relationship to Objectives of TBP: This activity works on communication skills, problem solving, teamwork, and people skills, it was a way for engineering students to learn more of the soft skills they often miss out on in a standard engineering curriculum.

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

To organize this event we submitted the form online requesting an EF session, and then worked with Sherry King to set it up with Matt Ohland. We reserved a room and ordered lunch or snack food for the event.

IV. Cost & Personnel Requirements: The only cost associated with this event was the cost of lunch or food. During the second two sessions, we did not have lunch but just provided snacks for the participants. This was a lot easier and less expensive than providing a full meal.

V. Special Problems: The only problem is getting members to come out on the weekend to take attend this session.

VI. Overall Evaluation/Results (Be Specific): These sessions are always great, as long as enough people show up. Advertising should be revisited.

VII. Index of Exhibits: N/A
INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: __ Officer Transition Retreat ______ Date(s) of Project: 5/11/15

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

Number of persons who participated in this project Members: 6 Electees: 0
(Please attach a list of names.)

Hours spent on this project Organizing: 1 Participating: 6

DESCRIPTION:

I. General Description: Each year we hold Officer Transition Meetings during which we review the previous year and create a vision for the coming year. As well, we have incoming officers meet with their counterparts (the outgoing officers) so that the outgoing officers can hand over any important documents or information and show them the ins and outs of the officer role.

II. Purpose & Relationship to Objectives of TBP: This is a great way for the chapter to foster continuity despite the quick turnover of members and officers in the chapter. It also serves to unify the new officers under a common set of goals for the coming year.

III. Organization & Administration: (in conjunction with another group?) Yes x No
This event is organized by the incoming and outgoing president along with the chapter advisor(s). We hold our event a local alumnus’s home, which they have graciously invited us to year after year.

IV. Cost & Personnel Requirements: There is no cost to the chapter; the alumni voluntarily fix a lunch for us. Some of the outgoing officers offer to drive carpools to get to the house.

V. Special Problems: Not many officers were available to attend the meeting this year due to the event timing. Although they did share the transition information, it would have been beneficial to have a larger officer group.

VI. Overall Evaluation/Results (Be Specific): This event is always a great way for old officers to meet new officers and to pass along important and useful information. As well, once all of the business is taken care of, it is a great way for the officers to relax and hang out together at the end of the year.
Here is a draft of the agenda for the retreat

Tau Beta Pi Officers Retreat
Monday, May 11th, 9:15 a.m. till 1 p.m. or so
Steve and Martha Polston's Palace
3708 Hidden Lake Ln 40516
(see https://goo.gl/maps/NLiCN)

Dress is casual as we will be outdoors for team building/croquet etc.

Draft Agenda

8:30 a.m  Assemble at convenient location
8:50  - Convoy leaves for Steve and Martha's
9:15  - Arrive
9:15-9:30 Socialize tell traditional geek jokes
9:30  - 10 Officer Training for incoming officers/exchange of folders, etc.
10-11:15 Review/Reflection of last year's activities scheduling of mandatory events (tutoring, MCN, FLL, etc.)
11:15  -11:30 Brainstorming for new activities/events and schedules/actions plans
11:30  -Lunch/finish up/other business
Noonish Fun/Survivor/Team building activities (old against new?) Croquet is Traditional!
1ish – Clean-up and depart

Incoming Officers
President: Connor Johnstone
Vice President: Daniel Cambron
Treasurer: Brett Hatfield
Secretary: Emma Beirne
Initiation Chairs: Nick Aerni, Michael Blum, Grant Boggess
Convention Rep: Paige Clark
Tutoring Czar: John LeSaint
Webmaster: Samuel Cunningham
ESC Reps: Nathan Lilly, Luke South
Events Officer: Sean Karlage
Alumni Relations: Rachel Adams

Outgoing Officers:
President - Laura Martin
Vice President - Jada Cruce
Treasurer - Connor Johnstone
Secretary - Sonal Shah
Initiation Chairs - Samantha McKeough, Eamonn Magner, Michelle Pressly
Convention Rep - David Blanford
Tutoring Czar - Sean Karlage
Webmaster - Michelle Pressly and Nick Guelda
ESC Rep - Austin Kulengowski
Events Officer - Eamonn Magner
Alumni Relations Officer - Dave Smith
INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Mixer with STEM Club Date(s) of Project: 12/12/14

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

Number of persons who participated in this project Members: 5 Electees: 0
(Please attach a list of names.)

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

DESCRIPTION:

I. General Description: Tau Bates met with members of the STEM club to play board games, eat dinner, and have an ugly sweater contest. Recently, TBP and STEM have been teaming up for many outreach events, so this was an opportunity to get to know one another.

II. Purpose & Relationship to Objectives of TBP: Here we mingled with members of an organization with similar goals to that of TBP. We have worked closely with them for outreach events, where we have furthered the concepts of engineering to young minds.

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

The Stem Club is an organization within the College of Education for Master's program students who are going into the STEM subjects in secondary education. KY-A has teamed up with them on many outreach events and both organizations had an interest in getting to know one another.

IV. Cost & Personnel Requirements: KY-A split the cost of pizza and Christmas cookies with STEM. We also had an ugly sweater contest that the winners of got gift cards to Starbucks. This was footed by the advisors of each club.

V. Special Problems: Being on a week night so close to finals for the semester, many decided not to come. However, it was a fun event that I hope continues in the coming years.

VI. Overall Evaluation/Results (Be Specific): It was a fun night where we got to meet students from another college that we likely would not have otherwise socialized with outside of outreach events.

VII. Index of Exhibits: N/A
INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: __Post Meeting Bridge Games__ Date(s) of Project: __Once a month__

Project __Community/ Liberal Culture__ ___University/ College__ __Profession/ Engineering__
Area: __x Chapter/ Social__ ___Education/ Prof. Dev.____ K-12/MindSET

Number of persons who participated in this project __Members: 8___ ___Electees: 0___
(Please attach a list of names.)

Hours spent on this project. __Organizing: 0___ ___Participating: 2/month__

DESCRIPTION:

I. General Description: __Headed up by past president Dave Smith, Tau Bates stayed after meeting to learn and to play the card game Bridge.___________________________

II. Purpose & Relationship to Objectives of TBP: __Tau Bates got to know one another in a social, relaxed setting, increasing fellowship among members of the chapter.___________________________

III. Organization & Administration: (in conjunction with another group?) __Yes__ ___x__ No
  __Organization of these events is limited to providing decks of cards and cheat sheet for Bridge rules, as they are quite complex.___________________________

IV. Cost & Personnel Requirements: __No cost and requires minimum four people. We often had enough to get two games going and we had a ball!___________________________

V. Special Problems: __Only that when one person has to leave, the game typically disbands___________________________

VI. Overall Evaluation/Results (Be Specific): __This was something we looked forward to every month. Bridge is a challenging, team oriented game. By the end of the year, a few of us had a few of the rules down!___________________________

VII. Index of Exhibits: _____ N/A___________________________
INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Christmas Carols and Lego Building  Date(s) of Project: 12/4/14

Project ___Community/ Liberal Culture ___ University/ College ___ Profession/ Engineering Area: _x_ Chapter/ Social ___Education/ Prof. Dev. _x_ K-12/MindSET

Number of persons who participated in this project       Members: 4       Electees: 0
(Please attach a list of names.)

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

DESCRIPTION:

I. General Description:  Many of us met after initiation this semester to build the obstacles for the First Lego League Regional Competition. We had fun listening to and singing Christmas Carols.

II. Purpose & Relationship to Objectives of TBP:  To prepare for the upcoming competitions while socializing with chapter members, invoking comradery and fellowship

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

  Our advisor provided the Lego sets, and we simply set up in the engineering Commons and went to town! We hooked up Pandora on a computer and got in the real Christmas spirit, singing songs and putting together toys.

IV. Cost & Personnel Requirements:  ___ No cost to TBP and only required those that could stay. We would’ve stayed till it was done.

V. Special Problems:  ___ The suddenness of the need of volunteers contributed to low numbers, but in the intimate setting we got to know one another better, and we were still able to finish in a timely manner.

VI. Overall Evaluation/Results (Be Specific):  We loved this event! It was a great time to complete a simple task with friends. Who doesn’t love Legos??

VII. Index of Exhibits:  ___ N/A
INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Electee Smoker and information Session  Date(s) of Project: 10/28/14, 3/9/15

Project ___Community/ Liberal Culture ___University/ College ___Profession/ Engineering
Area:  x  Chapter/ Social ___Education/ Prof. Dev. ___K-12/MindSET

Number of persons who participated in this project  Members:  6  Electees:  65
(Please attach a list of names.)

Hours spent on this project.  Organizing:  4/session  Participating:  2/session

DESCRIPTION:

I. General Description: In the Fall and the Spring we hold a Smoker and Information Session for all the Tau Bates that have been invited to join Tau Beta Pi as a way to meet everyone, so they can meet each other, and so that we can explain the Election Process if they choose to join Tau Beta Pi.

II. Purpose & Relationship to Objectives of TBP: This is a great way to meet all the potential new members, as well as inform them about Tau Beta Pi so that they can make an educated decision as to whether or not they will join TBP. This meeting also helps serve the election process.

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

To organize this event we have to schedule a date and reserve a room on campus to hold the smoker. We create a PowerPoint presentation for the Information Session portion of the Smoker and we order barbeque for dinner. The dinner is when socialization happens, and then we have the more informative portion of the meeting afterwards. Eligible students are contacted through letters (handed out by members of TBP) and via email to make sure they are made aware of the Smoker. Current members and especially officers are encouraged to come as well to meet and greet new potential members.

IV. Cost & Personnel Requirements:  The only cost for this event is the food, we ask for RSVPs via email to get an estimate of the number of people that will show up but it varies considerably from year to year and semester to semester. However, we usually add about 10-15 people to our food estimate to be safe. It is beneficial to have a few people put the PowerPoint together and edit it to make sure that all of the important information is included and there are not any mistakes. The night of the event we have four to five people so that we can set up the room, pick up the food, drinks and any plates/flatware we may need. In total, we typically spend between $250 on the food for the evening.

V. Special Problems: The most difficult task for this event is determining how many people will be present to estimate how much food will be needed. There is really no great solution to this because
there are always people that won’t RSVP, or who are not able to make it at the last minute, so we just try to make sure we have more than enough food and we make sure Electees are all able to fill their plates before any current members get food.

VI. Overall Evaluation/Results (Be Specific): This year’s smokers were a great success! Initiating a record class in the Fall meant a more manageable group in the Spring. The presentation in the Fall was given by an unseasoned Initiation Chair, but the class was uninhibited. And in the Spring, she knew exactly what to say. Her growth alone was impressive.
INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Bent Polishing Party Date(s) of Project: 12/2/14, 4/14/15

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Bent Polishing Party Date(s) of Project: 12/2/14, 4/14/15

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

Number of persons who participated in this project Members: 6 Electees: 72
(Please attach a list of names.)

Hours spent on this project. Organizing: 1 Participating: 1-2/semester

DESCRIPTION:

I. General Description: As a part of the election process, electees are required to polish the bent as an Electee Class. It is a way for them to interact with each other, and some of the current members. It also keeps the bent in the engineering courtyard looking nice.

II. Purpose & Relationship to Objectives of TBP: This is a social event that gives TBP electees a chance to meet one another and develop camaraderie. Members and officers also get a chance to get to know the electees better.

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

This event requires some organization, we choose a date and time and have the Bent Polishing Party in the engineering courtyard, where the bent is located. At the event we usually begin with ice-breakers and have some sort of small refreshments. We have all of the bent polishing supplies and the electees take turns polishing the bent. This event is usually organized by our initiation chairs.

IV. Cost & Personnel Requirements: The cost incurred by the event are for food and drinks, which typically costs around $15 and bent polishing supplies (fine grit sand paper, Brasso, and rags) are reused from year to year. The initial cost of all of the bent polishing supplies was around $30.00. This year we bought additional sandpaper.

V. Special Problems: N/A

VI. Overall Evaluation/Results (Be Specific): Overall, this event keeps the bent looking nice, and it is a memorable event that all of the members look back on each year, especially when it is time for the next round of electees to polish the bent. It does not take long for the bent to become tarnished, so polishing twice a year is certainly needed.
VII. Index of Exhibits: _____________________________________________
INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Initiation Ceremony and Reception  Date(s) of Project: 12/4/12, 4/16/12

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

Number of persons who participated in this project
Members: 10  Electees: 72
(Please attach a list of names.)

Hours spent on this project.  Organizing: 3  Participating: 4

DESCRIPTION:

I. General Description: The initiation ceremony was held to promote the electees to members of Tau Beta Pi, at the conclusion of the ceremony we have a small reception with cake to congratulate the new members and celebrate their hard work and achievements in becoming part of TBP for life.

II. Purpose & Relationship to Objectives of TBP: The initiation ceremony was held in accordance with TBP bylaws, and the reception was held to celebrate member's achievements.

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

There was a fair amount of planning that went into initiation: room reservations were made, the cake had to be ordered, officers were asked to fill various roles in the ceremony, and there was a decent amount of set up that needed to take place.

IV. Cost & Personnel Requirements: The only cost associated with Initiation was the cake and soda we purchased for the reception, the total was approximately $30.00. To have the initiation we need at least 6-7 people to fill all of the different position, but we welcome as much help as we can get.

V. Special Problems: Finding a room with no windows and AV system capabilities is always difficult. For the Fall semester, we had to trek to the Medical campus, and in the Spring we were in the basement of an engineering building, neither one being quite ideal.

VI. Overall Evaluation/Results (Be Specific): All three initiation ceremonies went very well; the practices beforehand helped the process run very smoothly, and having members help that had played a role with previous initiations allowed the setup be carried out quickly.
VII. Index of Exhibits: 

Fall 2014 Initiates – Record Initiation
INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Math Family Fun Night Date(s) of Project: 11/20/14

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

Number of persons who participated in this project Members: 6 Electees: 0

(Please attach a list of names.)

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

DESCRIPTION:

I. General Description: KY-A brought their fan-favorite Binary Blast to the Harrison Elementary Math Family Fun Night. After a dinner provided by the school, various booths were set up to catch the interest of youngsters with the wonders of the applications of math. Math Family Fun Night is an event hosted by University of Kentucky’s College of Education at various middle schools in central Kentucky. The event is aimed at making math fun for middle school students, specifically from lower income families. Tons of booths are set up with different “math games” that students can come play. TBP partners with the College of Education in this event and hosts a Binary Blast booth, where we teach them how to play a binary game on the iPad. We also played a more basic game with elementary students. Approximately 400 students and their families came to each event.

II. Purpose & Relationship to Objectives of TBP: This event is an effort to make math fun for middle school students. We not only get to teach the kids about a math concept, we get to briefly tell them about how being good at math will help them in the future.

____________________________________________________________________________

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

This event is organized through UK’s College of Education and to participate we fill out a form with information pertaining to the booth that we will host. As a part of the event we help set-up the tables in the gym for the booths and then clean up afterwards.

IV. Cost & Personnel Requirements: There was no cost associated with this event, the prizes were donated, the iPads used to play the game were borrowed from the College of Engineering, and the games we played were free Apps that we downloaded.

V. Special Problems: N/A
VI. Overall Evaluation/Results (Be Specific): This event was a ton of fun and it was amazing how quickly the student learned to play the Binary game! Everyone that volunteered had a ton of fun at the event; it’s an event we have done in years past and will definitely be continuing for years to come.

VII. Index of Exhibits: 

Booth Sign-Up form explaining what our booth consists of:

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## Binary Blast

Dr. Walcott and Tau Beta Pi, University of Kentucky

### Rules:

Students will play a game (Cisco BinaryGame) where they must decipher the binary code on the iPad. BinaryGame requires students to be able to add and subtract numbers to “break the code”.

1) Turn “on and off” numbers to add up to the correct answer.
2) Based on the numbers turned “on and off”, add up numbers to find the correct answer.

The game is similar to Tetris in that the binary problems appear in rows. If the student fails to answer a problem in time, another row containing a new binary problem will appear above the current problem. Like Tetris, if the student lags behind in answer the problems, the “wall” of problems will grow.

### Math Skills:

Students become comfortable in using another number base other than base ten (binary). Students must quickly add 1, 2, 4, 8, 16, 32, 64, and 128 selectively to represent decimal numbers from 1 to 255.

### Extra Practice:

Students can practice by loading the Cisco Binary game on iPhones or iPads. The Cisco Binary Game is a free app that can be downloaded by anyone with an apple product from the iTunes App Store. If the student does not have an iPhone or iPad, the game can be practiced at the following website:

http://forums.cisco.com/CertCom/game/binary_game_page.htm
Resources you will provide:

We will have iPads that students can play the game on, along with multiple volunteers to teach the students how to play the game.

We will also have a cool student-made digital circuit that counts from 0 to 15 in binary.

Last, but not least we will have WAY COOL binary watches for lucky JC students as donation prizes!!
INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: STEM Day at Wellington Elementary  Date(s) of Project: 9/19/14

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

Number of persons who participated in this project
Members: 9  Electees: 0
(Please attach a list of names.)

Hours spent on this project. Organizing: 2  Participating: 5

DESCRIPTION:

I. General Description: Wellington Elementary hosts a STEM Day for their students where local STEM-based organizations, such as TBP, can come and set up event for the students involving STEM lessons and demonstrations.

II. Purpose & Relationship to Objectives of TBP: To expose and educate grade school students to/about engineering concepts and the TBP organization.

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

Wellington Elementary invited TBP as well as other UK organizations such as Solar Car Team and the STEM club.

IV. Cost & Personnel Requirements: There were no costs associated with this project, but the event required at least three volunteers be present at all times.

V. Special Problems: The only problems arose around logistics as this was off campus during a school day.

VI. Overall Evaluation/Results (Be Specific): We talked to every student at the school that day, accomplishing our goal of expose to engineering and to TBP. They and all the Tau Bates truly enjoyed it!

VII. Index of Exhibits: Robot Math: students answer arithmetic questions and every right answer “moves” their team’s robot further down the racetrack. Fun with Magnets: Students compare the speed at which earth magnets fall through pipes.
INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Future Cities Regional Competition  Date(s) of Project: Winter 2014 and 1/19/15

Area: Chapter/ Social  Education/ Prof. Dev.  x  K-12/MindSET

Number of persons who participated in this project

Members: 15  Electees: 0

(Please attach a list of names.)

Hours spent on this project.  Organizing: 2  Participating: 20

DESCRIPTION:

I. General Description: Future Cities is a middle school competition where teams solve problems of our cities in the future. This year was the problem of growing food within cities. They simulate, build, and write about their city and more.

II. Purpose & Relationship to Objectives of TBP: As judges TBP was able to help these students realize their potential, as well as further the image of TBP in the community.

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

Many organizations, and local companies, were part of the effort to make this event a success. When students weren’t competing, there was a room with booths set up from the various organizations and companies. TBP had speed Bent building and Penny Boats as activities. Simultaneously, many Tau Bates were judging the miniature cities that the teams built. However, prior to all this, Tau Bates were judging the essays and simulations online, during their winter break. A lot of effort went in to making this competition a success.

IV. Cost & Personnel Requirements: Though the cost was nil, personnel requirements were vast. A handful of Tau Bates worked on judging over the winter then another dozen or were needed day of.

V. Special Problems: Getting the online system to work for judging the simulations was an issue, but that was really all.

VI. Overall Evaluation/Results (Be Specific): It was inspiring and encouraging to hear the ideas that these students were able to display. We truly enjoyed the experience.

VII. Index of Exhibits: http://futurecity.org/kentucky
INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Science and Math Day at Athens-Chilesburg Elementary
Date(s) of Project: 11/21/14

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

Number of persons who participated in this project
Members: 6 Electees: 0
(Please attach a list of names.)

Hours spent on this project. Organizing: 1 Participating: 6

DESCRIPTION:

I. General Description: Science and Math Day invites local clubs to come into the school and give presentations. TBP went to classrooms and spoke about the field of engineering, women and engineering, etc, as well as playing the math robot game.

II. Purpose & Relationship to Objectives of TBP: KY-A’s participation in this event not only reached an entire school’s worth of children, showing them of the marvels of engineering, but also strengthens the relationship between TBP and the community.

III. Organization & Administration: (in conjunction with another group?) Yes No
The administrators and volunteers of Athens-Chilesburg coordinated this event and invited TBP. We secured volunteers, transportation, and supplies to the school.

IV. Cost & Personnel Requirements: No cost to the chapter, we simply had to be sure there were enough volunteers throughout the day.

V. Special Problems: Only in logistics. Asking Tau Bates to leave school in the middle of the day is never easy. Transportation is also difficult as parking on campus is absurd.

VI. Overall Evaluation/Results (Be Specific): We had a great time with this event and felt very effective in exploring the possibilities of engineering and STEM as a whole with these students.

VII. Index of Exhibits: N/A
INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: MathCounts Date(s) of Project: 2/14/15
Project Area: Community/ Liberal Culture University/ College Profession/ Engineering
Area: Chapter/ Social Education/ Prof. Dev. K-12/MindSET

Number of persons who participated in this project
Members: 3 Electees: 0
(Please attach a list of names.)

Hours spent on this project. Organizing: 1 Participating: 2.5

DESCRIPTION:

I. General Description: MathCounts has a middle school math competition where students compete by taking a couple rounds of math tests. This year, both the regional and state levels took place in Lexington. In order for the competition to run smoothly they need a plethora of people to grade the tests to figure out who will proceed to the next round.

II. Purpose & Relationship to Objectives of TBP: This event was a great way for TBP to support K-12 STEM initiatives in Kentucky, though we were not directly interacting with the middle school children, we were helped enable the event to take place by grading the MathCounts competition tests.

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

This event was organized by MathCounts, we just had to show up at the specified time and be prepared to grade tests on a Saturday morning. A few other organizations provided volunteers to help grade tests as well.

IV. Cost & Personnel Requirements: No cost was incurred by the chapter for this event, and the only personnel required were those who could spare time in the morning of Valentine’s Day.

V. Special Problems: The fact that this event was on a Saturday morning, Valentine’s Day no less, surely deterred many volunteers.

VI. Overall Evaluation/Results (Be Specific): This event went well, our help was really appreciated. It was a really easy project to organize because all we had to do was show up, but the Tau Bates that participated enjoyed it. For the grading, everyone there was paired off so it was a great chance to meet other people and converse while grading the tests.

VII. Index of Exhibits: N/A
INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: STLP Judging          Date(s) of Project: 11/13/14, 3/26/15

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

Number of persons who participated in this project Members: 3 Electees: 0

(Please attach a list of names.)

Hours spent on this project. Organizing: 2 Participating: 6

DESCRIPTION:

I. General Description: Tau Bates assist in judging regional STLP competitions and UK Engineering Minds on Innovation all day one Saturday.

II. Purpose & Relationship to Objectives of TBP: Furthering engineering concepts with grade school students and assisting community members.

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

We judged in conjunction with the Student Technology Leadership Program

IV. Cost & Personnel Requirements: No cost associated, just as many volunteers as we could send

V. Special Problems: N/A

VI. Overall Evaluation/Results (Be Specific): This was an event that required little organization on our part but resulted in great branding for KY-A

VII. Index of Exhibits: http://stlp.education.ky.gov/
INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: GEMS Date(s) of Project: 11/15/14

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

Number of persons who participated in this project: Members: 3 Electees: 0 (Please attach a list of names.)

Hours spent on this project: Organizing: 1 Participating: 3

DESCRIPTION:

I. General Description: UK Phi Sigma Rho hosts Girls Exploring Math and Science each year in which local Girl Scout troops come to learn about engineering at university

II. Purpose & Relationship to Objectives of TBP: TBP provided volunteers to supplement the few from Phi Sigma Rho, increasing perception with the organization and conducting outreach to grade school students.

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

We worked with Phi Sigma Rho to host this event.

IV. Cost & Personnel Requirements: No cost and only required what volunteers we could spare.

V. Special Problems: N/A

VI. Overall Evaluation/Results (Be Specific): This event is fun every year and Phi Rho is increasing their reliance on TBP

VII. Index of Exhibits:
https://www.engr.uky.edu/gems/
INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: __First Lego League________ Date(s) of Project:  __12/7-8/14____

Project __Community/ Liberal Culture  __University/ College  __Profession/ Engineering
Area: __Chapter/ Social  __Education/ Prof. Dev.  __X K-12/MindSET

Number of persons who participated in this project  Members: ___  Electees: ___
(Please attach a list of names.)

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

DESCRIPTION:

I. General Description: Each year TBP hosts the regional First Lego League Competition. Middle school teams compete with a robot that they built to complete a set of tasks with obstacles. They also compete in a core values segment where they display team problem solving methods.

II. Purpose & Relationship to Objectives of TBP: Dr. Walcott is the captain of this ship and Tau Bates are judges, referees, registration, etc. This event fosters teamwork, comradery, and core values along with engineering skills such and programming and designing.

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

__ While TBP provided the volunteers for the day of the event, this competition is help by First Lego League.

IV. Cost & Personnel Requirements:  _No costs were incurred by the chapter, though we were asked to provide substantial personnel to run the event.

V. Special Problems:  N/A

VI. Overall Evaluation/Results (Be Specific):  This event is a KY-A favorite. We get to interact with grade school students and witness how they work together to complete a complicated task and are often impressed with their intellect.

VII. Index of Exhibits:  ___http://www.firstlegoleague.org/
The Tau Beta Pi Association
Chapter Project Report

Chapter: KYA

Project number: _______

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Inequality Discussion
Date(s) of Project: 4/23/15

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

Number of persons who participated in this project
Members: 25 Electees: ___
(Please attach a list of names.)

Hours spent on this project. Organizing: 4 Participating: 0.5

DESCRIPTION:

I. General Description: Discussed inequalities that college students face, presented the information regarding what inequalities are experienced including their different dimensions (institutional, symbolic, and individual). Also, discussed why it is important to discuss inequalities in society. Diversity strengthens everyone and makes us better engineers.

II. Purpose & Relationship to Objectives of TBP: Further our character and knowledge regarding a social and institutional organization.

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

Department of Sociology at UK

IV. Cost & Personnel Requirements: Time

V. Special Problems: None

VI. Overall Evaluation/Results (Be Specific): Students seemed to understand what levels, and how inequalities are experienced by others. The goal was to challenge them to address their own bias.

VII. Index of Exhibits: None
The Tau Beta Pi Association
Chapter Project Report

Chapter: KYA
Project number: _______

INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: IUPUI Installation  Date(s) of Project: 3/28/15

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

Number of persons who participated in this project  Members: 2  Electees: ___
(Please attach a list of names.)

Hours spent on this project.  Organizing: 1  Participating: 9

DESCRIPTION:

I. General Description: Installed Indiana Zeta chapter at IUPUI

II. Purpose & Relationship to Objectives of TBP: Expanding and improving TBP by adding more chapters.

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

IV. Cost & Personnel Requirements: Travel and time

V. Special Problems: Traffic, fortunately we made it on time!

VI. Overall Evaluation/Results (Be Specific): Successful installation of IUPUI Indiana Zeta chapter!

VII. Index of Exhibits: None
INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Green Dot Program Overview Date(s) of Project: 3/31/15

Number of persons who participated in this project Members: 1 Electees: 10
(Please attach a list of names.)

Hours spent on this project. Organizing: 3 Participating: 2

DESCRIPTION:

I. General Description: Teaching Electees bystander intervention and awareness through the Violence Intervention and Prevention Center at UK.

II. Purpose & Relationship to Objectives of TBP: All college age students should be prepared for situations that may require bystander intervention

III. Organization & Administration: (in conjunction with another group?) X Yes ___ No
Green Dot Program: VIP Center

IV. Cost & Personnel Requirements: Meeting and $17 for refreshments/snacks.

V. Special Problems: None

VI. Overall Evaluation/Results (Be Specific): Electees and Member learned methods to prevent and intervene in situations. This includes active, passive, diverting, and getting help methods.

VII. Index of Exhibits: None
INSTRUCTIONS: Please complete each of the seven sections below. Any additional information which may be helpful to another chapter would also be appreciated, but do not send extraneous material that would not be useful to other chapters.

Project name: Kentucky Regional Science Fair Judging Date(s) of Project: 2-28-15

Project area: Community/ Liberal Culture University/ College Profession/ Engineering Chapter/ Social Education/ Prof. Dev.

Number of persons who participated in this project Members: 2 Electees: 0 (Please attach a list of names.) Connor Johnstone and Michael Blum

Average number of hours per person. Organizing: 1 Participating: 4

DESCRIPTION:

I. General Description: TBP-KYA sent two members to aid in the judging of the KY middle and high school regional science fair

II. Purpose & Relationship to Objectives of TBP: This event furthers science and engineering education and values to young students throughout the entire state

III. Organization & Administration: (in conjunction with another group? Yes No)
The science fair is organized and ran independently. Tau Beta Pi only sent volunteers

IV. Cost & Personnel Requirements: Tau Beta Pi incurred no costs, but this event did require the time of two members to be used while other E-Day events were also going on

V. Special Problems: This year, the science fair occurred on E-Day and so the chapter was quite busy elsewhere

VI. Over-all Evaluation/Results (Be Specific): This was a fun event with the opportunity for good science and engineering outreach

VII. Index of Exhibits: kysciencefair.org