Tau Beta Pi
California Epsilon
2016-2017 Project Report

University of California, Los Angeles
Henri Samueli School of Engineering and Applied Science
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1. Tau Beta Pi - California Epsilon

The California Epsilon Chapter was founded in 1952 at the University of California, Los Angeles. The California Epsilon Chapter continues to serve as one of the leading engineering societies on campus and is recognized for the various leading roles we take on in the engineering community. For example, members of Tau Beta Pi have the honor every year to serve as student marshals during commencement. Tau Beta Pi members also serve the engineering community on campus by providing several free services to students.

A major focus in our involvement in the engineering community is the free drop-in tutoring program that is offered for the majority of each academic quarter by candidates, members, and officers. We also provide review sessions for lower division math and science courses that are required for engineering. By offering these programs, we give back to the community and increase our presence on campus.

Our presence on campus is further established through our projects and workshops that we host throughout the year on a regular basis. This year, we held our 7th annual Rube Goldberg Competition and the Cardboard Boat Race. These events aim to bring engineers from several disciplines together to compete in a fun and friendly environment. In addition, we host a number of workshops covering topics such as internships, graduate school, and resumes.

We are continuing to strive to improve our chapter through our services to the community and to our members. As our chapter expands its activities and improves on our current ones, we hope to continue demonstrating excellence in engineering at UCLA.
1.1 Officer Board

**Summer - Fall Officer Board**

President: Alex Sorokin  
Vice President: Amir Dailamy, Robert Parker  
Secretary: Connor Ham, Brian Lui  
Treasurer: Connor Kenny, Anderson Huang  
Academic Outreach: David Khachatrian, Daniel Thomlinson  
Education Outreach: Robert Dyro, Sunnie So  
Webmaster: Mark Tai, Hansen Qiu  
Tutoring Chair: Ergang Wang, Jahan Cherian  
Social Chair: Case Montogomery, Christian Halvorsen  
Community Service: Troy Arashio  
Historian: Kristen Chui  
Member Coordinator: John Gorder  
Mentorship Chair: Kian Jer Koh  
Corporate Relations: Aniqa Kamal, Stephanie Lam  
Publicity: Nancy Nguyen, Kelsey Williams  
Rube Goldberg Lead: Yuxuan Li, Seunghuang Lee  
Club Liaisons: Steven Gomez, George Zhou, Christine Pang, Seun Kim, Andrew Lew, Ryan Worley, Kate Schweidel, Jon Wigman  
Faculty Advisor: Bill Goodin

**Winter - Spring Officer Board**

President: Alex Sorokin  
Vice President: Amir Dailamy, Robert Parker  
Secretary: Connor Hum, Brian Lui  
Treasurer: Connor Kenny, Anderson Huang  
Academic Outreach: Ahmed Allibhoy, Dair Sagdiev, Daniel Thomlinson  
Education Outreach: Robert Dyro, Neal Biswas, Daniel Fong  
Webmaster: Mark Tai, Hansen Qiu, Carlos Leal, Jai Srivastav, Xiaoxu Wu  
Tutoring Chair: Omar Ozgur, Jahan Cherian  
Social Chair: John Goodlad, Shadi Torabi  
Community Service: Troy Arashio, Shadi Torabi  
Historian: Max Gong  
Member Coordinator: John Gorder, Michael Chen  
Mentorship Chair: Kian Jer Koh  
Corporate Relations: Christopher Chen, Andrew Namgoong  
Publicity: Nancy Nguyen, Valentina Kaklyugina  
Rube Goldberg Lead: Yuxuan Li, Seunghuang Lee  
Club Liaisons: Shalini Dangi, Robert Dyro, Carlos Leal, Johnny Lee, Abraham Micahel, Kelsey Sakamoto, Willie Wu  
Faculty Advisor: Bill Goodin
2.1 2016 TBP National Convention

Project date: 9/2016
Number of participating members: 15
Number of participating electees: 65
Number of participating mentees: -
Hours spent planning (total): 4
Hours spent participating (per person): 50-55
In conjunction with another group: No

I. PROJECT DESCRIPTION
Attending Convention allows for the chapter to exchange ideas with other chapter leaders and to participate in the operation of the Association.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
Convention allows the officers of chapters across the nation to learn from each other’s successes and failures. It also serves to renew and amend the operation of the Association through amendments of bylaws and elections of board members.

III. COST AND PERSONAL REQUIREMENTS
Travel, $80.

IV. SPECIAL PROBLEMS
None

V. OVERALL RESULTS
Convention was successful in goals stated above. Chapter president also gave a presentation regarding member retention for the benefit of other chapters.
3.1 Fall District Conference - CalTech

Project date: 10/15/2016
Number of participating members: 2
Number of participating electees: -
Number of participating mentees: -
Hours spent planning (total): 0
Hours spent participating (per person): 6
In conjunction with another group: No

I. PROJECT DESCRIPTION
Attending Fall District Conference to exchange ideas with other chapters and follow up on National Convention ideas.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
Improving the quality of chapter administration by engaging in an exchange of ideas with other chapters’ leaders and learning from their successes and mistakes.

III. COST AND PERSONAL REQUIREMENTS
No monetary costs.

IV. SPECIAL PROBLEMS
None in particular.

V. OVERALL RESULTS
Conference served above purpose well, giving attendees opportunity to exchange ideas and strategies with other chapters. However, both attendees had been to 3-4 previous conferences, in contrast to previous years’ mix of new and experienced attendees. The conference may have been more useful to officers with no prior conference experience.


3.2 Spring District Conference - UC Irvine

Project date: 4/8/2017
Number of participating members: 3
Number of participating electees: -
Number of participating mentees: -
Hours spent planning (total): 0
Hours spent participating (per person): 4
In conjunction with another group: No

I. PROJECT DESCRIPTION
Attending Spring District Conference to exchange ideas with other chapters and follow up on National Convention ideas.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
Improving the quality of chapter administration by engaging in an exchange of ideas with other chapters' leaders and learning from their successes and mistakes.

III. COST AND PERSONAL REQUIREMENTS
Only monetary cost was for parking at UC Irvine.

IV. SPECIAL PROBLEMS
District conference fell on the same day as our officer retreat which could not be rescheduled.

V. OVERALL RESULTS
Conference served above purpose well, giving attendees opportunity to exchange ideas and strategies with other chapters. The current president, incoming president, and incoming vice president attended the conference. It was useful to discuss with other chapters to understand the problems they have faced and what they did to resolve them.
4.1 Internship Night

Project date: 10/5/2016
Number of participating members: 7
Number of participating electees: 11
Number of participating mentees: 150
Hours spent planning (total): 5
Hours spent participating (per person): 2
In conjunction with another group: No

I. PROJECT DESCRIPTION
Our chapter holds this event every year to share the experiences up of upperclassmen regarding internships. We hold a presentation about getting an internship and a panel for students to ask questions.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
The goal of this event is to give back to the community and help students, especially first and second year students, learn useful tips in securing a summer internship. This is one of our larger events and important in promoting TBP on campus.

III. COST AND PERSONAL REQUIREMENTS
Food $150

IV. SPECIAL PROBLEMS
Some of the discussions during the student panel was redundant and not always useful.

V. OVERALL RESULTS
Overall, this event was a success. We had over 350 people RSVP to the event and a large number turned out. From our feedback form, the majority of students felt that the event was useful and helps them gain confidence in approaching an internship.
4.2 SpaceX Resume Drop

Project date: 9/28/2016
Number of participating members: 30
Number of participating electees: -
Number of participating mentees: 100
Hours spent planning (total): 4
Hours spent participating (per person): 4
In conjunction with another group: No

I. PROJECT DESCRIPTION
Recruiters from SpaceX came to campus to accept resumes and briefly speak with upper-classmen engineering students interested in an internship or full time job with the company. Students lined up to speak with four recruiters for mutual question-asking similar to that which occurs at a career fair.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
We strive to be well-respected on campus, and part of this is demonstrating a strong relationship with well-known companies. With SpaceX consistently in the headlines, events with their representatives bring us positive recognition among the UCLA engineering community. More importantly, leveraging our strong academic reputation to bring SpaceX to campus in this way is one way of giving back to the UCLA engineering community.

III. COST AND PERSONAL REQUIREMENTS
There was no cost to this event, since no food was provided and room booking was free. Approximately two hours were spent planning, and two hours were spent supervising the event by our Vice President.

IV. SPECIAL PROBLEMS
The room was slightly too small to handle SpaceX’s enormous popularity, but once attendees formed an ordered line, the event went smoothly. Some attendees did not have time to wait in line, but they were able to drop off their resumes quietly for consideration without disrupting any conversations.

V. OVERALL RESULTS
The event was one of our most popular of the year, and therefore may be deemed a success. Attendees seemed enthusiastic about the opportunity to talk to SpaceX representatives, and seemed grateful to Tau Beta Pi for providing them this opportunity.
4.3 Graduate School Night

Project date: 3/10/2017
Number of participating members: 5
Number of participating electees: -
Number of participating mentees: 22
Hours spent planning (total): 6
Hours spent participating (per person): 2
In conjunction with another group: UCLA MentorSEAS and Office of Academic and Student Affairs

I. PROJECT DESCRIPTION
A panel format with six panelists to talk about how to apply to grad school and their personal experience.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
Giving back to the engineering community by providing guidance to engineering students in applying to grad school

III. COST AND PERSONAL REQUIREMENTS
Spent $214 on catering Subway sandwiches.

IV. SPECIAL PROBLEMS
None in particular

V. OVERALL RESULTS
Out of 44 RSVPs, 22 showed up to the event. For the first 30 minutes, the panelists answered general questions from the attendees’ RSVP forms, such as the application process. The next hour was a Q&A session and the attendees voiced their questions actively. Overall participation was good, and we look forward to organizing this event in the following years.
4.4 Fall Engineering Futures

Project date: 11/20/2016
Number of participating members: 3
Number of participating electees: 55
Number of participating mentees: -
Hours spent planning (total): 3
Hours spent participating (per person): 4
In conjunction with another group: No

I. PROJECT DESCRIPTION
This Engineering Futures workshop on effective presentation skills gave electees the opportunity to practice public speaking.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
This session aimed to train the engineering community and in particular TBP-eligible students to develop their soft skills. The session also served as a required chapter event.

III. COST AND PERSONAL REQUIREMENTS
Pizza catering $200

IV. SPECIAL PROBLEMS
Due to the scheduling of the academic quarter and the availability of facilitators, this session was held on a back-up date, which heavily dis-incentivized attendance. The facilitator also insisted on a single full four-hour session, as opposed to the traditional configuration of two 1.5 hour sessions with a lunch break in between. Us having advertised the traditional configuration to electees, we had to come up with special incentives for electees to attend the whole time.

V. OVERALL RESULTS
Workshop was successful despite problems mentioned above.
4.5 Spring Engineering Futures

Project date: 5/13/2017
Number of participating members: 3
Number of participating electees: 15
Number of participating mentees: -
Hours spent planning (total): 3
Hours spent participating (per person): 4
In conjunction with another group: No

I. PROJECT DESCRIPTION
This Engineering Futures workshop on analytical problem solving was focused on brainstorming.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
This session aimed to train the engineering community and in particular TBP-eligible students to develop their soft skills. The session also served as a required chapter event.

III. COST AND PERSONAL REQUIREMENTS
Pizza catering $80

IV. SPECIAL PROBLEMS
Despite being a required chapter event, several candidates did not show and were required to make up the event through additional tutoring. The event went longer than originally planned and many candidates were anxious to leave.

V. OVERALL RESULTS
The event ran smoothly, but many did not find the event as useful as anticipated. There was a new facilitator for this Engineering Futures event that did not lead the session as expected. Although his time and efforts were appreciated, the session was not extremely useful to many.
4.6 Universal Robotics Info Session

Project date: 5/18/2017
Number of participating members: 2
Number of participating electees: -
Number of participating mentees: 22
Hours spent planning (total): 6
Hours spent participating (per person): 2
In conjunction with another group: UCLA American Society of Mechanical Engineers (ASME)

I. PROJECT DESCRIPTION
An info session held by Craig Tomita, an area sales manager of Universal Robots in Irvine, CA, about various aspects of the company and what the company does.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
Giving back to the engineering community by providing engineering students with an opportunity to learn about possible career options and converse with employees about internships and corporate life.

III. COST AND PERSONAL REQUIREMENTS
Catering Papa John’s pizzas $56.54

IV. SPECIAL PROBLEMS
None in particular

V. OVERALL RESULTS
From 15 recorded RSVPs from both organizations, 22 people showed up to the event. It was a pretty even split between the two organizations. For the first 45 minutes, Craig introduced the company, its vision, and some of the products it specializes in. The next 15-20 minutes was left as an open Q&A session about various robotic technologies introduced in the presentation as well as internship opportunities at the company. Overall participation was good with a high level of interest in most people, and we look forward to continue to give back to the engineering community through such events.
VI. EXHIBITS
4.7 Resume Review

Project date: 1/25/2017
Number of participating members: 4
Number of participating electees: -
Number of participating mentees: 15
Hours spent planning (total): 2
Hours spent participating (per person): 1
In conjunction with another group: No

I. PROJECT DESCRIPTION
For the resume review event, officers put together company summaries for an upcoming campus career fair and gave advice on resumes. This event was put together as a test to see if we should continue to do this in the future.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
The purpose of this event was to provide a quick summary of companies for students to read to gauge their interest in companies present at the career fair. By creating this resource and providing advice to students’ resumes, we aim to give back to the engineering community.

III. COST AND PERSONAL REQUIREMENTS
None.

IV. SPECIAL PROBLEMS
None.

V. OVERALL RESULTS
This was a smaller event because we wanted to see how it would work, but it was fairly successful and it is likely we will continue to hold this event in the future. Many students found the company summary and resume review useful along with any tips to talk to recruiters at the career fair.
4.8 MATLAB/Numpy Workshop Planning

Project date: N/A
Number of participating members: 5
Number of participating electees: -
Number of participating mentees: -
Hours spent planning (total): 60 (estimate)
Hours spent participating (per person): 14 (estimate)
In conjunction with another group: No

I. PROJECT DESCRIPTION
A course of intermediate programming for engineering students that are not studying computer science.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
The purpose of this workshop series is to increase students’ confidence in programming and promote Tau Beta Pi within the community.

III. COST AND PERSONAL REQUIREMENTS
If the university provides computer lab time, there would be no costs.

IV. SPECIAL PROBLEMS
None in particular

V. OVERALL RESULTS
Not yet conducted, the workshop is currently being planned. The format of the workshop series was determined in the Spring quarter and the lessons will be developed over the summer.
5.1 Engineering Minds Cultivating Creativity (EMCC)

Project date: Every Friday
Number of participating members: 2 - 10 per week
Number of participating electees: 2
Number of participating mentees: -
Hours spent planning (total): 2
Hours spent participating (per person): 1
In conjunction with another group: No

I. PROJECT DESCRIPTION
EMCC consists of 1 hour lesson for elementary school students aimed at exposing the class to a topic in engineering each week.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
The purpose of this event is to inspire interest in engineering and work for the community’s benefit.

III. COST AND PERSONAL REQUIREMENTS
Transportation $20 each week
Materials $15

IV. SPECIAL PROBLEMS
Absence of school personnel, difficulty in maintaining order in the classroom, low quality of elementary school background education in the area.

V. OVERALL RESULTS
The students are interested in topics presented to them, especially hands-on tasks. They are capable of linking these topics to engineering and develop a simplified understanding of the field of engineering very early on.
5.2.1 Hands on Engineering - Website Module

Project date: 4/17/2017
Number of participating members: 10
Number of participating electees: 5
Number of participating mentees: -
Hours spent planning (total): 5
Hours spent participating (per person): 2
In conjunction with another group: Upsilon Pi Epsilon at UCLA

I. PROJECT DESCRIPTION

The “How to Build a Website” workshop was part of an initiative to expose high-school students to basic computer-science principles through fun hands-on activities. The program involved a scavenger hunt for elements on websites, manipulation of a Google Chrome extension, and the creation of websites from simple templates using HTML.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI

This project aligned with Tau Beta Pi’s goals to provide service to the local community. This workshop helped to expose young individuals to skills that they may never have experienced, which helps to encourage the upbringing of new engineers.

III. COST AND PERSONAL REQUIREMENTS

The only cost was buying pizza for the high-school students, which was covered by the school. Personal requirements involved discussing ideas with people who ran this event in previous years, as well as going through presentation materials to set up a basic curriculum. Organizers also needed to print out copies of handouts for students, and get volunteers to help throughout the event.

IV. SPECIAL PROBLEMS

The event went smoothly for the most part. However, more volunteer interaction with students would have helped to keep the students excited about the activities they were doing.

V. OVERALL RESULTS

Overall, the event was a great success. Many students who never heard about “code” or “software” ended up making basic websites that they were excited about. Setting up for the event didn’t take too much time, and engineering staff was very willing to help with logistics.
5.2.1 Hands on Engineering - Aerospace Module

Project date: 4/19/2017
Number of participating members: 20
Number of participating electees: 5
Number of participating mentees: -
Hours spent planning (total): 20
Hours spent participating (per person): 5
In conjunction with another group: Rocket Project, UCLA Educational Outreach Program

I. PROJECT DESCRIPTION
An educational event aimed at high school students. This aerospace module aimed to build a simple glider with participants building foam wings.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
The goal of this event was to engage the community with engineering topics and inspire younger students.

III. COST AND PERSONAL REQUIREMENTS
All events materials $150

IV. SPECIAL PROBLEMS
The school scheduled another event on the same day so not as many students showed up.

V. OVERALL RESULTS
All 10 participating students learned important topics in high school physics and immediately applied them to model plane construction. In the competition that followed, the students were engaged in finding out the optimal ways of plane design and the engineering process. All participants took great pride in their work and were happy to participate.
5.3 Blood Drive

Project date: 10/30/2016 - 11/5/2016  
Number of participating members: 2  
Number of participating electees: 2  
Number of participating mentees: -  
Hours spent planning (total): 1  
Hours spent participating (per person): 1  
In conjunction with another group: UCLA Blood and Platelet Center

I. PROJECT DESCRIPTION  
Organized a blood drive as a service event.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI  
Giving back to the general community with service that is required for members and inductees.

III. COST AND PERSONAL REQUIREMENTS  
None

IV. SPECIAL PROBLEMS  
None

V. OVERALL RESULTS  
We had two officers who showed up and donated blood as well as two candidates. Given the low amount of time put into organizing the event, the low turnout was not troublesome.
5.4.1 Academic Outreach - Math 31A

Project date: 10/17/2016, 11/14/2016, 11/28/2016
Number of participating members: 4
Number of participating electees: 1
Number of participating mentees: 150
Hours spent planning (total): 15
Hours spent participating (per person): 3
In conjunction with another group: UCLA Office of Residential Life

I. PROJECT DESCRIPTION
The organization and leading of review sessions covering material from the introductory calculus course MATH 31A, allowing students from these courses to review the material and ask specific questions from knowledgeable upperclassmen.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
In accordance with Tau Beta Pi’s goals to provide service to many different communities, this project aids the UCLA engineering community by helping underclassmen with this course fundamental to upper-division engineering course.

III. COST AND PERSONAL REQUIREMENTS
Whiteboard materials (markers, erasers, cleaning fluid) needed to be obtained to disseminate the information prepared for the review session. Previous exams and other materials (which took some searching to find) had to be obtained to properly frame discussions of the various topics covered. Dividing the course material and advertising duties fairly to helping members and ensuring that these duties were executed required a good deal of planning and following up with individual members.

IV. SPECIAL PROBLEMS
We exceeded expectations for number of attendees for our first review session, and so had to perform an impromptu change of location in order to accommodate everyone. We had attempted to inform our Hill liaison of this before the fact, but received no response until after the event. In light of this, it may be worth exploring methods to facilitate more rapid communication between Academic Outreach chairs and relevant liaisons for room booking.

V. OVERALL RESULTS
Judging from what was overheard among attendees and comments after the sessions’ ends, attendees found the sessions to be valuable and helpful, especially those attendees who sought out helping members after the session to ask more questions. Turnout fluctuated but hovered a little above 50 attendees on average. Helpers performed well at presenting the material and clarifying as necessary.
VI. EXHIBITS
5.4.2 Academic Outreach - Math 31B

Project date: 1/31/2016, 2/13/2016, 2/27/2016
Number of participating members: 3
Number of participating electees: -
Number of participating mentees: -
Hours spent planning (total): 20
Hours spent participating (per person): 6
In conjunction with another group: UCLA Office of Residential Life

I. PROJECT DESCRIPTION
The goal of Academic Outreach is to improve student’s understanding of fundamental STEM subject matter by hosting review sessions for Math 31B throughout the quarter. Knowledgeable upperclassmen lead these review sessions by providing an overview of the course material along with relevant examples as well as with answering questions asked by attendees.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
This project provides academic services directly to the UCLA undergraduate community by bettering students’ understanding of this fundamental subject so they can succeed both in this course and in later, related courses.

III. COST AND PERSONAL REQUIREMENTS
There were no monetary costs associated with the project. The only requirements were planning the sessions, which included booking a room, communicating with the instructors of the course about the needs of the students, creating RSVP and Sign In forms, and advertising the sessions. In addition before each session all the facilitators will meet to discuss what topics should be covered and how they will be allocated amongst the team members. Finally each facilitator will spend some time preparing lecture notes and example problems for the test.

IV. SPECIAL PROBLEMS
The sessions were successful but there is a decline in attendance as the quarter progresses. Part of the reason is that different instructors teaching the same course may cover material at a different pace or in a different order, making it difficult to create a session that caters to every student in a particular course. As a result, because students don’t find the material relevant or helpful, they lose interest. This issue could be improved by tailoring sessions to a particular instructor, rather than a particular course, and communicating with professors to better understand which topics students struggle with the most and require extra emphasis.

V. OVERALL RESULTS
Attendees were generally engaged during the sessions, participating when a facilitator asked them a question, taking notes, asking questions themselves. They found our help worthwhile and the candidates and members who lead the sessions gained valuable leadership and teaching experience.
5.4.3 Academic Outreach - Math 32A

Number of participating members: 12
Number of participating electees: 2
Number of participating mentees: 200
Hours spent planning (total): 46
Hours spent participating (per person): 6
In conjunction with another group: UCLA Office of Residential Life

I. PROJECT DESCRIPTION
Our goal in Academic Outreach is to improve students' understanding of fundamental STEM subject matter by hosting review sessions for Math 32A throughout the quarter. Knowledgeable upperclassmen lead these review sessions by providing an overview of the course material along with relevant examples as well as answering any questions the attendees ask.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
This project provides academic services directly to the UCLA undergraduate community by bettering students’ understanding of this fundamental subject so they can succeed both in this course and in later, related courses.

III. COST AND PERSONAL REQUIREMENTS
The only real monetary costs were the whiteboard markers, erasers, and cleaning fluid used for each review session. The bulk of the requirements is the time necessary both to plan the sessions and to prepare the material. Planning for each session entails booking a room, determining the scope of the session, creating an interest/RSVP form, and advertising the session: usually by emailing the professors to notify their students and directly informing the students themselves right before one of their classes. In addition, there is some time that the members meet prior to the session to allocate the material and work among themselves. Lastly, preparing the material means going over the session’s material, or an assigned portion thereof, and creating notes summarizing the most important equations and concepts, as well as finding good, relevant example problems.

IV. SPECIAL PROBLEMS
There were a few notable problems. For the first review session, we received about 300 RSVPs from students which way exceeded the capacity of the room that ORL reserved for us (which was about 40-60). We contacted our ORL liaison beforehand, but she did not respond in time. The solution we had to decide upon at the last minute was to move the session off the Hill and onto a lecture hall on campus. There was some chaos in trying to notify all 300 interested attendees plus the volunteers about this room change at the last minute, but we still managed an attendance of more than 200. Another problem included ORL not providing large enough whiteboards for all the sessions, which was to the detriment of the attendees as we had to write smaller and erase quicker.
V. OVERALL RESULTS
The review sessions were fairly successful overall from some of the attendees’ comments after the sessions. While the decrease in turnout throughout the quarter was a bit more than was desirable, we still maintained around 100 students in the later sessions and the students who attended appeared interested in the sessions by taking notes and asking good questions throughout. The members themselves presented the material well and provided clarifying answers to the attendees’ questions.
5.4.4 Academic Outreach - Math 32B

Project date: 1/26/2017, 2/23/2017, 3/16/2017
Number of participating members: 3
Number of participating electees: -
Number of participating mentees: -
Hours spent planning (total): 24
Hours spent participating (per person): 8
In conjunction with another group: UCLA Office of Residential Life

I. PROJECT DESCRIPTION
Our goal in Academic Outreach is to improve students' understanding of fundamental STEM subject matter by hosting review sessions for Math 32B throughout the quarter. Knowledgeable upperclassmen lead these review sessions by providing an overview of the course material along with relevant examples as well as answering any questions the attendees ask.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
This event allowed us to collaborate with the Office of Residential Life as well as with professors to ensure stronger connections to further the education of the students both in the engineering school as well as at UCLA in general. Additionally, it served as a means of publicizing Tau Beta Pi, particularly the tutoring program.

III. COST AND PERSONAL REQUIREMENTS
There was no cost for this event. The bulk of the requirements is the time necessary both to plan the sessions and to prepare the material. Planning for each session entails booking a room, determining the scope of the session, creating an interest/RSVP form, and advertising the session: usually by emailing the professors to notify their students and directly informing the students themselves right before one of their classes. In addition, there is some time that the members meet prior to the session to allocate the material and work among themselves. Lastly, preparing the material means going over the session’s material, or an assigned portion thereof, and creating notes summarizing the most important equations and concepts, as well as finding good, relevant example problems. As a source of problems, we used the official UCLA test bank to get past Math 32B problems.

IV. SPECIAL PROBLEMS
We had a consistent issue with Text Bank printers giving low brightness and making it impossible for us to obtain the recognizable scans of past midterms. As a result, midterms had to be re-written by hand and scanned afterwards. The Sessions themselves went smoothly overall. The only concern was the overall seeming lack of interest from students, who didn’t seem to ask that many questions or object to what we were explaining to them.
V. OVERALL RESULTS
Overall, the review sessions turned out to be fairly successful. Despite the overall seeming lack of interest, students seemed to be satisfied by both the sessions and the past midterm materials we provided for them: some of them stayed after the session to ask questions and get some things more clarified. The members themselves did a good job on presenting and explaining the material, as well as interacting with students.
5.4.5 Academic Outreach - Math 33B

Number of participating members: 2
Number of participating electees: -
Number of participating mentees: -
Hours spent planning (total): 24
Hours spent participating (per person): 8
In conjunction with another group: UCLA Office of Residential Life

I. PROJECT DESCRIPTION
Our goal in Academic Outreach is to improve students' understanding of fundamental STEM subject matter by hosting review sessions for Math 33B throughout the quarter. Knowledgeable upperclassmen lead these review sessions by providing an overview of the course material along with relevant examples as well as answering any questions the attendees ask.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
This event allowed us to collaborate with the Office of Residential Life as well as with professors to ensure stronger connections to further the education of the students both in the engineering school as well as at UCLA in general. Additionally, it served as a means of publicizing Tau Beta Pi, particularly the tutoring program.

III. COST AND PERSONAL REQUIREMENTS
There was no cost for this event. The bulk of the requirements is the time necessary both to plan the sessions and to prepare the material. Planning for each session entails booking a room, determining the scope of the session, creating an interest/RSVP form, and advertising the session: usually by emailing the professors to notify their students and directly informing the students themselves right before one of their classes. In addition, there is some time that the members meet prior to the session to allocate the material and work among themselves. Lastly, preparing the material means going over the session’s material, or an assigned portion thereof, and creating notes summarizing the most important equations and concepts, as well as finding good, relevant example problems. As a source of problems, we used the official UCLA test bank to get past Math 33B problems.

IV. SPECIAL PROBLEMS
We had a consistent issue with Text Bank printers giving low brightness and making it impossible for us to obtain the recognizable scans of past midterms. As a result, midterms had to be re-written by hand and scanned afterwards. The Sessions themselves went smoothly overall. The only major issue that occurred took place during third session: as a result of miscommunication with the professor, we did not cover some concepts in the session that were going to be on the midterm for sure.
V. OVERALL RESULTS
Overall, the review sessions turned out to be fairly successful. Students seemed to be satisfied by both the sessions and the past midterm materials we provided for them: some of them stayed after the session to ask questions and get some things more clarified. The members themselves did a good job on presenting and explaining the material, as well as interacting with students.
5.4.6 Academic Outreach - Physics 1A

Project date: 1/29/2017, 2/19/2017, 2/26/2017, 3/12/2017
Number of participating members: 3
Number of participating electees: 2
Number of participating mentees: 100
Hours spent planning (total): 24
Hours spent participating (per person): 8
In conjunction with another group: UCLA Office of Residential Life

I. PROJECT DESCRIPTION
Our goal in Academic Outreach is to improve students' understanding of fundamental STEM subject matter by hosting review sessions for Physics 1A throughout the quarter. Knowledgeable upperclassmen lead these review sessions by providing an overview of the course material along with relevant examples as well as answering any questions the attendees ask.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
This project provides academic services directly to the UCLA undergraduate community by bettering students' understanding of this fundamental subject so they can succeed both in this course and in later, related courses.

III. COST AND PERSONAL REQUIREMENTS
The only real monetary costs were the whiteboard markers, erasers, and cleaning fluid used for each review session. The bulk of the requirements is the time necessary both to plan the sessions and to prepare the material. Planning for each session entails booking a room, determining the scope of the session, creating an interest/RSVP form, and advertising the session: usually by emailing the professors to notify their students and directly informing the students themselves right before one of their classes. In addition, there is some time that the members meet prior to the session to allocate the material and work among themselves. Lastly, preparing the material means going over the session’s material, or an assigned portion thereof, and creating notes summarizing the most important equations and concepts, as well as finding good, relevant example problems.

IV. SPECIAL PROBLEMS
The sessions went smoothly overall, but there was a noticeable decline in attendance for the later sessions. We received about 100 students for the first session, but only around 40 attended the last couple ones.

Part of this decline is simply natural, but it is perhaps also attributable to the fact that we mainly focused our sessions on one professor’s material in particular. While this was because the majority of the attendees were taking that professor, students of other professors may not have thought the sessions were as useful to them. Improving our advertising for the events, like using social media, and also asking for more feedback would likely increase attendance overall and especially for some of the later sessions.
V. OVERALL RESULTS
The review sessions were fairly successful overall from some of the attendees’ comments after the sessions. While the decrease in turnout throughout the quarter was a bit more than was desirable, the students who attended appeared interested in the sessions by taking notes and asking good questions throughout. The members themselves presented the material well and provided clarifying answers to the attendees’ questions.

VI. EXHIBITS
5.5 Tree Planting

Project date: 10/29/2016
Number of participating members: 1
Number of participating electees: 16
Number of participating mentees: -
Hours spent planning (total): 2
Hours spent participating (per person): 6
In conjunction with another group: Amigos De Los Rios, Emerald Necklace Group

I. PROJECT DESCRIPTION
As a large community service event, TBP committed 17 volunteers to planting trees at Mulhall Elementary School.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
The purpose of this event is to give back to the community and provide an opportunity to bond within the engineering school.

III. COST AND PERSONAL REQUIREMENTS
Gas reimbursements $80

IV. SPECIAL PROBLEMS
Not enough drivers, we had to get one zipcar.

V. OVERALL RESULTS
This was extremely successful in the sense of the high turnout of 17 people. All these people had to travel about 23 miles in the morning on Saturday, and everyone showed up on time. It was a good opportunity to bond with the candidates and learn about urban planning.
5.6 Seismic Outreach Finale Day

Project date: 11/2/2016
Number of participating members: 2
Number of participating electees: 1
Number of participating mentees: -
Hours spent planning (total): 0
Hours spent participating (per person): 1
In conjunction with another group: American Society of Civil Engineers (ASCE at UCLA)

I. PROJECT DESCRIPTION
ASCE hosts an event every quarter where they teach elementary school kids about the principles of engineering and about UCLA.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
Giving back to the community and promoting the pursuit of engineering.

III. COST AND PERSONAL REQUIREMENTS
None

IV. SPECIAL PROBLEMS
Low participation from TBP

V. OVERALL RESULTS
All the organizing was done by ASCE, so TBP just provided a few volunteers who could also receive service hours for participating. The event had a large turnout and it was very well organized in a format that engaged younger students.
5.7.1 Fall Tutoring

Project date: 10/10/2016
Number of participating members: 26
Number of participating electees: 30
Number of participating mentees: -
Hours spent planning (total): 3
Hours spent participating (per person): 4
In conjunction with another group: No

I. PROJECT DESCRIPTION
Providing tutoring for all STEM related classes provided at UCLA, occasionally branching out to tutoring high school students during the Fall quarter of 2016.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
Giving back to the engineering community by providing help and mentorship to all those involved or wanting to be involved with STEM

III. COST AND PERSONAL REQUIREMENTS
None

IV. SPECIAL PROBLEMS
None

V. OVERALL RESULTS
On average we received about 17 tutees per day consistently throughout the course of our free drop in tutoring services from Week 3 to Week 9 for Mon-Fri from 10am to 5pm. As a result we were able to log several tutoring hours and help several members of our engineering community. The large amount of tutees were managed with an average of 3 tutors per given hour of the day. Fall proved to be a crucial quarter for tutoring introductory Chemistry, Physics and Math classes.
5.7.2 Winter Tutoring

Project date: 3/24/2016
Number of participating members: 30
Number of participating electees: -
Number of participating mentees: -
Hours spent planning (total): 3
Hours spent participating (per person): 7
In conjunction with another group: No

I. PROJECT DESCRIPTION
Providing tutoring for all STEM related classes provided at UCLA, occasionally branching out to tutoring high school students during the Winter quarter of 2017.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
Giving back to the engineering community by providing help and mentorship to all those involved or wanting to be involved with STEM

III. COST AND PERSONAL REQUIREMENTS
None

IV. SPECIAL PROBLEMS
None

V. OVERALL RESULTS
On average we received about 8 tutees per day consistently throughout the course of our free drop in tutoring services from Week 3 to Week 9 for Mon-Fri from 10am to 4pm. As a result we were able to log several tutoring hours and help several members of our engineering community. The tutees were managed with an average of 2 tutors per given hour of the day. Winter proved to be a crucial quarter for tutoring introductory Physics, Computer Science and Math classes.
5.7.3 Spring Tutoring

Project date: 6/16/2017
Number of participating members: 25
Number of participating electees: 20
Number of participating mentees: -
Hours spent planning (total): 3
Hours spent participating (per person): 5
In conjunction with another group: No

I. PROJECT DESCRIPTION
Providing tutoring for all STEM related classes provided at UCLA, occasionally branching out to tutoring high school students during the Spring quarter of 2017

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
Giving back to the engineering community by providing help and mentorship to all those involved or wanting to be involved with STEM

III. COST AND PERSONAL REQUIREMENTS
None

IV. SPECIAL PROBLEMS
None

V. OVERALL RESULTS
On average we received about 10 tutees per day consistently throughout the course of our free drop in tutoring services from Week 3 to Week 9 for Mon-Fri from 10am to 5pm. As a result we were able to log several tutoring hours and help several members of our engineering community. The tutees were managed with an average of 2 tutors per given hour of the day. Spring proved to be a crucial quarter for tutoring introductory Life Sciences, Computer Science and Math classes.
6.1 Fall Retreat

Project date: 10/9/2016
Number of participating members: 14
Number of participating electees: --
Number of participating mentees: --
Hours spent planning (total): 3
Hours spent participating (per person): 8
In conjunction with another group: No

I. PROJECT DESCRIPTION
Part of our officer board travelled to Six Flags for our annual Fall retreat.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
Our goal is to provide a service to the school of engineering and to provide a community for like-minded high-achieving engineering students. This retreat brings our society closer together as a community and helps us direct our goals and efforts for the coming quarters, as we have a brainstorming/planning meeting Saturday night of this retreat every year.

III. COST AND PERSONAL REQUIREMENTS
Members had to pay $25 for their subsidized tickets and had additional personal expenses for lunch.

IV. SPECIAL PROBLEMS
None.

V. OVERALL RESULTS
Overall, the event was a success since it helped to bring our officer board closer together and provide an opportunity to discuss our chapter. A higher attendance would have been ideal, but the event still ran smoothly.
6.2 Winter Retreat

Project date: 1/13/17
Number of participating members: 20
Number of participating electees: --
Number of participating mentees: --
Hours spent planning (total): 20
Hours spent participating (per person): 10
In conjunction with another group: No

I. PROJECT DESCRIPTION
As many of our officer board as we had cars to take traveled to Big Bear Mountain this weekend to participate in our annual officer retreat. We stayed in a cabin, and spent the weekend skiing, playing in the snow, and discussing the future goals of our chapter of Tau Beta Pi.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
Our goal is to provide a service to the school of engineering and to provide a community for like-minded high-achieving engineering students. This retreat brings our society closer together as a community and helps us direct our goals and efforts for the coming quarters, as we have a brainstorming/planning meeting Saturday night of this retreat every year.

III. COST AND PERSONAL REQUIREMENTS
Each member paid approximately $20 for food for the weekend, plus $60 for lift tickets and more if rental gear was required. Our chapter paid $310 to rent the cabin for two nights. Our Vice Presidents spent many hours planning the food, lodging, and rides for the weekend.

IV. SPECIAL PROBLEMS
The main problem with this event is the burden of traveling to Big Bear Mountain. Our chapter was particularly limited with vehicle space this year, so we could only take the first 20 members who signed up to go.

V. OVERALL RESULTS
Overall, the event was a success as much productive discussion was generated during the Saturday night meeting. Ideas included having longer/more interactive officer meetings, getting to know candidates better during the initiation process, having more frequent officer socials, and focusing more on social media to publicize our chapter and events.
6.3 Spring Retreat

Project date: 4/8/2017
Number of participating members: 12
Number of participating electees: --
Number of participating mentees: --
Hours spent planning (total): 4
Hours spent participating (per person): 10
In conjunction with another group: No

I. PROJECT DESCRIPTION
For our spring officer retreat, we travelled to Venice beach for one day and night. We spent the day going to the beach, playing games in the beach house, and discussed the future goals of our chapter.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
The goal of this event is to bring our officer board closer together and to also brainstorm for the upcoming quarters about problems we are facing and potential solutions.

III. COST AND PERSONAL REQUIREMENTS
Each member paid approximately $20 for food for the weekend.

IV. SPECIAL PROBLEMS
As usual, the attendance for our spring retreat is lower than the fall retreat. The day of spring retreat also coincided with the Spring District Conference so the incoming president and vice president arrived late after attending the conference.

V. OVERALL RESULTS
Overall, the event was success in having a useful discussion regarding the current problems our chapter was facing. It also served as a useful time to brainstorm events and ways to improve our chapter for the coming year.
6.4 KBBQ

Project date: 4/27/2017  
Number of participating members: 14  
Number of participating electees: 9  
Number of participating mentees: -  
Hours spent planning (total): 2  
Hours spent participating (per person): 3  
In conjunction with another group: No

I. PROJECT DESCRIPTION
An organized social event at a local Korean BBQ restaurant.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
Promote bonding between members and candidates and provide an early opportunity to for candidates to meet officers.

III. COST AND PERSONAL REQUIREMENTS
Required that some officers of TBP Drive to the event. Additionally, due a shortage of drivers, one (1) Uber was required costing about $25.

IV. SPECIAL PROBLEMS
Encouraging candidates and officers to spread out and not stay grouped in already familiar social circles.

V. OVERALL RESULTS
Very effective at introducing candidates to the fellow candidates and to the officers. Could have been faster; took 3.5 hours.
6.5 Lost City of Z Movie Social

Project date: 4/20/17
Number of participating members: 3
Number of participating electees: 1
Number of participating mentees: --
Hours spent planning (total): 1
Hours spent participating (per person): 3
In conjunction with another group: No

I. PROJECT DESCRIPTION
Three officers and a candidate drove to The Landmark Theater in Santa Monica to watch The Lost City of Z.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
Candidates and officers getting to know each other is one of the most important aspects of our initiation process as it promotes continued involvement of candidates who befriend officers. We encourage this with candidate social requirements, of which going to see a movie is an easy instance.

III. COST AND PERSONAL REQUIREMENTS
Each participant spent $14 on a movie ticket, and the time required was approximately 3 hours total. Parking, surprisingly, was free.

IV. SPECIAL PROBLEMS
The only problem was that the movie was quite long and slow and generally not thoroughly enjoyed by the participants.

V. OVERALL RESULTS
Despite a subpar movie and low attendance, the event can be considered a success as the candidate participant got to meet and converse (on the drive to and from) with three very active officers.
6.6 7th Annual Rube Goldberg Competition

Project date: 3/5/17  
Number of participating members: 22  
Number of participating electees: --  
Number of participating mentees: --  
Hours spent planning (total): 1-2 per week  
Hours spent participating (per person): 8  
In conjunction with another group: No

1. PROJECT DESCRIPTION

The Rube Goldberg competition is organized by Tau Beta Pi California Epsilon. Student teams of 4-8 have three hours to design, build, and test the Rube Goldberg machine (an over-engineered machine to complete a simple task). Tau Beta Pi provides the venue and all the materials to all the teams. Each machine is judged based on creativity, complexity, task completion, and theme integration. The 7th Rube Goldberg Competition took place on March 5th, 2017 in the Ackerman Grand Ballroom in UCLA. The final task this year is “Make Some Noise”, and the theme is “Coachella Music Festival”.

The planning committees were established in October 2016 so that the majority of logistics were planned during fall quarter while the purchase of materials and participants were finalized in winter quarter. All the committee members and volunteers for this competition are TBP members.

The Rube Goldberg committee is divided into four sub-committees: Logistics, Material, Judging, and Publicity. The overall Rube Goldberg committee is headed by Seunghwan Lee (Chemical Engineering, 2017) and Yuxuan Li (Mechanical Engineering, 2018). The Judging sub-committee is headed by Brian Lui (Chemical Engineering, 2018), and the Publicity sub-committee is headed by Mark Tai (Computer Science, 2018). The breakdown of sub-committee tasks is shown below:

Logistics: Booking the room, coming up with theme, special task/secret material, rules/candidate packet/certificate, presentation for volunteers for the event

Materials: Sort out materials from inventory (Communal tools/materials), make a shopping list & order/buy materials, come up with new materials, prepare Name tags for the teams

Judging: Contact professors (judges) and invite judges to the event, design judging rubric, make judging score sheet

Publicity: design logo/T shirt/flyers, chalking / advertisement, make Facebook event, send out registration form, taking photographs during the event
We also have various sponsors that provides funding for this competition: RAND Corporation, UCLA Engineering Alumni Association, UCLA Community Program Committee, ASUCLA.

Each team has two runs, judged by two pairs of different judges. We took the higher score for each team. Midway through the competition, a bonus item (a CD) was introduced to the teams. They were rewarded during the judging phase if they elect to use the bonus item in a creative way.

The first-place team gets $200 cash reward, second-place team gets $100, third-place team gets $50, and the most creative team gets $50. We charge a registration fee of $30 to each participating team.

Figure 1: Rube Goldberg Competition Logo

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
The competition provides a chance for all the engineering and non-engineering students to get together to create and design. It offers interdisciplinary collaboration among engineers from various fields and backgrounds and hands-on engineering experience. It is also a great opportunity to spark creativity and imagination and publicize Tau Beta Pi. It also provides a chance for TBP officers to practice leadership skills, project management skills, fundraising and corporate outreach skills, and organization skills.

III. COST AND PERSONAL REQUIREMENTS
The budget breakdown for the event is provided below.
As mentioned before, we have several sponsors that helped us over the cost. The breakdown of money coming from sponsors is shown below:

<table>
<thead>
<tr>
<th>Funding Source</th>
<th>Amount</th>
<th>Coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engineering Alumni Association</td>
<td>$600</td>
<td>Others (Prizes)</td>
</tr>
<tr>
<td>RAND Corporation</td>
<td>$1000</td>
<td>Others (T-shirts)</td>
</tr>
<tr>
<td>ASUCLA Student Union Event Fund</td>
<td>$954.98</td>
<td>Facility</td>
</tr>
<tr>
<td>Contingency Programming Fund</td>
<td>$463.50</td>
<td>Food and Others</td>
</tr>
<tr>
<td>Community Program Committee</td>
<td>$1563.71</td>
<td>Supplies</td>
</tr>
<tr>
<td>Registration Fee</td>
<td>$540</td>
<td>Others</td>
</tr>
</tbody>
</table>

All the members in the organizing committee are TBP members and officers. All the participants must be current UCLA students. We also have UCLA faculties, TBP alumni, and people from industries join our event as judges. The judges list is shown below:

Dean: Ronald and Valerie Sugar
Dean - Jayathi Y. Murthy
District Director: Stacey Ross
Faculty: Yvonne Chen, Brent Corbin, Don Kendall, William Goodin
IV. SPECIAL PROBLEMS
We have encountered problems in publicizing the event. We expected to have 40 teams to participate in this event, based on the team size of 30 last year. But at the end we only have 18 teams signed up for this event. However, the shrink in size of participating teams actually provided more spaces and more materials for each participating team.

Another problem was the judging process. Some judges told us that we could do more runs or let the judges to judge as many as 3 or 4 teams in each round would help them get a better idea for the standard for judging.

V. OVERALL RESULTS
Overall, we did pretty well for the competition. This year we broadened our material selections so that each participating team could have more materials to create noises (we included bells, rubber chickens, and maracas). We also moved to a larger venue with visual audio equipment which makes it easier to make announcement and organize. We also allowed the usage of water, which from the feedback of participants is a great idea. We also played music during the machine building stage, which make the overall environment feels like the theme – Coachella Music Festival, and participants have expressed their satisfactions with the music. We also re-designed the logo and T-shirts.

We managed to have 18 registered teams with 121 participants, 23 judges, 14 TBP members as organizers, and 22 TBP members as volunteers. We successfully raised $5122.19 to cover most of the event spending.

We definitely have a lot to improve for next year, including but not limited to: improve the publicizing process to get more participation teams, place material orders earlier, reach out to companies and student organizations earlier, and make the judging process smoother by explaining the judging criterion clearer.

VI. EXHIBITS

Some photos taken during the competition are shown below:
Figure 3: Photo of all the participants

Figure 4: Photo of volunteers, advisors, and organizing committees.
6.7 Cardboard Boat Race

Project date: 5/21/2017
Number of participating members: 5
Number of participating electees: 11
Number of participating mentees: -
Hours spent planning (total): 10
Hours spent participating (per person): 6
In conjunction with another group: No

I. project description
A social event: teams of 4-6 people build cardboard boats and race them in the Student Activities Center pool.

II. relationship to objectives of Tau Beta Pi
Giving back to the engineering community by providing a social event that uses basic engineering skills: problem solving, teamwork, and design.

III. cost and personal requirements
$70 for Lifeguard & $28.71 for 15 Pieces of 42” x 40” Cardboard

IV. special problems
None

V. overall results
11 people showed up to the event; they designed and planned to build a larger cardboard boat for 2 hours. After building it, they raced the boat in the SAC pool and timed how long it lasted.
VI. EXHIBITS
6.8 Picnic at Janss

Project date: 5/2/2017
Number of participating members: 4
Number of participating electees: 3
Number of participating mentees: -
Hours spent planning (total): 3
Hours spent participating (per person): 4
In conjunction with another group: No

I. PROJECT DESCRIPTION
Hosted a social event at Janss steps in order to get to know the candidates better.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
Fostering community within the engineering school with social events.

III. COST AND PERSONAL REQUIREMENTS
Food $34

IV. SPECIAL PROBLEMS
None

V. OVERALL RESULTS
Though the turnout was low, the relaxing environment and the low amount of people made it easy to get to know the candidates.
6.9 Pi Day

Project date: 3/14/2017
Number of participating members: 15
Number of participating electees: -
Number of participating mentees: -
Hours spent planning (total): 5
Hours spent participating (per person): 5
In conjunction with another group: No

I. PROJECT DESCRIPTION
We sold pies on Pi Day to make money for our chapter. We made about $60 in profits after accounting for the cost of the pies.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
The purpose of this event was to make money so we could fund our other events. Also, we wanted to honor Pi.

III. COST AND PERSONAL REQUIREMENTS
Pies - $80
Personnel - 10 officers

IV. SPECIAL PROBLEMS
None

V. OVERALL RESULTS
It went so well that we want to do it even bigger next year.
7.1.1 Fall Orientation

Number of participating members: 15
Number of participating electees: 65
Number of participating mentees: -
Hours spent planning (total): 4
Hours spent participating (per person): 3
In conjunction with another group: No

I. PROJECT DESCRIPTION
Orientation introduces eligible students to the purposes, benefits, duties, and initiation process of Tau Beta Pi.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
Orientation publicizes Tau Beta Pi and recruits new members, maintaining the continuity of the chapter.

III. COST AND PERSONAL REQUIREMENTS
Pizza catering $250

IV. SPECIAL PROBLEMS
None

V. OVERALL RESULTS
Electee yield was consistent with historical expectation.
7.1.2 Fall Candidate Sorting

Project date: 10/11/2017
Number of participating members: 12
Number of participating electees: 42
Number of participating mentees: -
Hours spent planning (total): 5
Hours spent participating (per person): 2
In conjunction with another group: No

I. PROJECT DESCRIPTION
The candidates are sorted into different houses and participate in activities across campus.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
The candidate sorting and scavenger hunt is meant to be the first introduction of the candidates to each other as well as some of the members of the officer board to strengthen bonding.

III. COST AND PERSONAL REQUIREMENTS
None

IV. SPECIAL PROBLEMS
None

V. OVERALL RESULTS
The event transpired smoothly. There were four different stations each with their own activity/game. Candidates were sorted into different houses and competed to complete all activities first. Both candidates and officers enjoyed the event.
7.1.3 Fall Meet and Greet

Project date: 10/12/2017, 10/13/2017
Number of participating members: 15
Number of participating electees: 31
Number of participating mentees: -
Hours spent planning (total): 2
Hours spent participating (per person): 1
In conjunction with another group: No

I. PROJECT DESCRIPTION
Tau Beta Pi candidates show up for a series of short conversations with some of our officers. The purpose is to introduce candidates to officers and discuss the role of Tau Beta Pi at UCLA.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
It is important to encourage candidates to become officers after becoming members in order to continue providing the services that we do. To do so, we try to create a sense of community between the officers and candidates.

III. COST AND PERSONAL REQUIREMENTS
None.

IV. SPECIAL PROBLEMS
None.

V. OVERALL RESULTS
The event proceeded relatively smoothly with open conversations between officers and candidates. Several candidates were open to the possibility of becoming an officer after they became members.
7.1.4 Fall Signature Party

Project date: 11/2/2017
Number of participating members: 15
Number of participating electees: 37
Number of participating mentees: -
Hours spent planning (total): 5
Hours spent participating (per person): 2
In conjunction with another group: No

I. PROJECT DESCRIPTION
A social event, candidates participate in various activities in games to earn the signature of officers and other candidates.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
Social event designed to further familiarize candidates with each other as well as the officer board.

III. COST AND PERSONAL REQUIREMENTS
$13.45 for snacks

IV. SPECIAL PROBLEMS
None

V. OVERALL RESULTS
Since this was a core event, it was expected that all candidates attend. However, only 21 out of the 33 candidates who declared candidacy attended. The event itself transpired smoothly. There were two stations of water pong, one station of Blockus, one station of the “saltine challenge”, and one station of the “oreo face challenge”. Candidates were engaged in the activities, and there was only minimal waiting for a station to become available. In the future, however, perhaps more diverse activities could be carried out.
7.1.5 Fall Bent Polish

Project date: 10/24/2017, 1/25/2017, 11/1/2017
Number of participating members: 8
Number of participating electees: 45
Number of participating mentees: -
Hours spent planning (total): 1
Hours spent participating (per person): 0.5
In conjunction with another group: No

I. PROJECT DESCRIPTION
The Bent Polish event is an event in which candidates polish the Bent outside of Boelter Hall.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
The Bent Polish is a tradition of the CA-Epsilon chapter to honor our organization’s symbol as well as to promote bonding between candidates and officers.

III. COST AND PERSONAL REQUIREMENTS
None

IV. SPECIAL PROBLEMS
None

V. OVERALL RESULTS
Candidates polished the bent in 30 minute shifts from 10am to 1pm for four days across two weeks. Candidates were provided metal polish varnish and rags and polished the Bent symbol outside of Boelter Hall. Candidates were supervised by one or two officers per shift.
7.1.6 Fall Candidate Quiz

Project date: 11/10/2017
Number of participating members: 8
Number of participating electees: 45
Number of participating mentees: -
Hours spent planning (total): 2
Hours spent participating (per person): 1
In conjunction with another group: No

I. PROJECT DESCRIPTION
Candidate quiz is a short quiz on the history of TBP, our chapter, and current information about its members.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
The Candidate Quiz is meant to familiarize candidates with the history of Tau Beta Pi and our chapter for them to better appreciate the organization as a whole. In addition, there were questions on the quiz regarding current members so candidates would be more familiar with officers.

III. COST AND PERSONAL REQUIREMENTS
None

IV. SPECIAL PROBLEMS
None

V. OVERALL RESULTS
Candidates performed very well on the quiz. Only two candidates did not pass on the first try; they passed on their second try.
7.1.7 Fall Initiation

Project date: 11/29/2016  
Number of participating members: 20  
Number of participating electees: 55  
Number of participating mentees: -  
Hours spent planning (total): 20  
Hours spent participating (per person): 2  
In conjunction with another group: No

I. PROJECT DESCRIPTION

This event is the official TBP initiation ceremony, where eligible candidates who have completed our requirements are sworn in as official members of the CA-Epsilon chapter of Tau Beta Pi. Afterwards, officers for the winter-spring term are elected by the candidates, followed by a celebratory dinner.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI

Our chapter needs new members every year to continue our activities, and this is where new members are created. The ceremony takes place after a quarter of candidacy to hopefully encourage future active participation.

III. COST AND PERSONAL REQUIREMENTS

The cost of this event is approximately $250 for dinner after the ceremony, plus the time spent deciding on roles, setting up the room, and practicing to make sure the event goes off without a hitch.

IV. SPECIAL PROBLEMS

No problems occurred at this event. This was the current President and Vice President’s 4th initiation planned together, so they had no problems planning and leading this event.

V. OVERALL RESULTS

All electees present were successfully initiated, and the resulting officer board was the largest we have had in several years (39 officers).
7.2.1 Spring Orientation

Project date: 4/5/2017 and 4/6/2017
Number of participating members: 10
Number of participating electees: 30
Number of participating mentees: -
Hours spent planning (total): 2
Hours spent participating (per person): 1
In conjunction with another group: No

I. PROJECT DESCRIPTION
Orientation introduces eligible students to the purposes, benefits, duties, and initiation process of Tau Beta Pi.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
Orientation publicizes Tau Beta Pi and recruits new members, maintaining the continuity of the chapter.

III. COST AND PERSONAL REQUIREMENTS
Pizza catering and Subway $150

IV. SPECIAL PROBLEMS
None.

V. OVERALL RESULTS
There were fewer attendee to orientation than in the Fall as expected. A typical amount of people who attended orientation proceeded to sign up to begin the candidate process for the quarter.
7.2.2 Spring Candidate Sorting

Project date: 4/13/2017
Number of participating members: 8
Number of participating electees: 15
Number of participating mentees: -
Hours spent planning (total): 2
Hours spent participating (per person): 1
In conjunction with another group: No

I. PROJECT DESCRIPTION
The candidates are sorted into different houses and sent off to participate in a scavenger hunt across campus.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
The candidate sorting and scavenger hunt is meant to be the first introduction of the candidates to each other as well as some of the members of the officer board to strengthen bonding.

III. COST AND PERSONAL REQUIREMENTS
None.

IV. SPECIAL PROBLEMS
None.

V. OVERALL RESULTS
The event went as expected. At each station, an officer was present with an activity or game that had to be completed before moving on to the next station. The event was a good way for candidates to meet each other for the first time and be introduced to a few officers.
7.2.3 Spring Meet and Greet

Project date: 4/18/2017, 4/19/2017
Number of participating members: 13
Number of participating electees: 15
Number of participating mentees: -
Hours spent planning (total): 2
Hours spent participating (per person): 0.75
In conjunction with another group: No

I. PROJECT DESCRIPTION
Candidates arrive at our tutoring room in business casual dress for a series of short one-on-one or two-on-two conversations with officers. Officers have a list of pre-set questions to ask, mostly related to Tau Beta Pi and the UCLA Engineering School, but are encouraged to have a more open conversation.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
To promote the type of environment we want to promote, we need a group of candidates who want to become officers. To encourage this, we want candidates to feel like they are part of a community. This event contributes to this goal helping officers and candidates get to know each other.

III. COST AND PERSONAL REQUIREMENTS
Costs of this event are low. No food is provided, so the only cost is that of printing a few sheets of paper. Time required is approximately half an hour per candidate participant and one hour per officer volunteer.

IV. SPECIAL PROBLEMS
This event typically entails 3-4 short “speed date” conversations in a half-hour period, but the guideline for when candidate-officer pairs switch are not well-established, so some of the conversations were a bit longer or shorter than others.

V. OVERALL RESULTS
Very good. Candidates appeared receptive to the idea of becoming an officer when it came up in conversation, and conversations in general were unforced and insightful.
7.2.4 Spring Signature Party

Project date: 4/26/2017
Number of participating members: 9
Number of participating electees: 21
Number of participating mentees: -
Hours spent planning (total): 5
Hours spent participating (per person): 2
In conjunction with another group: No

I. PROJECT DESCRIPTION
A social event, candidates participate in various activities in games to earn the signature of officers and other candidates.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
Social event designed to further familiarize candidates with each other as well as the officer board.

III. COST AND PERSONAL REQUIREMENTS
Oreo cookies $9.98
Saltine crackers $2.62

IV. SPECIAL PROBLEMS
None

V. OVERALL RESULTS
Since this was a core event, it was expected that all candidates attend. However, only 21 out of the 33 candidates who declared candidacy attended. The event itself transpired smoothly. There were two stations of water pong, one station of Blockus, one station of the “saltine challenge”, and one station of the “oreo face challenge”. Candidates were engaged in the activities, and there was only minimal waiting for a station to become available. In the future, however, perhaps more diverse activities could be carried out.
7.2.5 Spring Bent Polish

Project date: 5/2/2017, 5/3/2017, 5/10/2017, 5/11/2017
Number of participating members: 11
Number of participating electees: 24
Number of participating mentees: -
Hours spent planning (total): 1
Hours spent participating (per person): 0.5
In conjunction with another group: No

I. PROJECT DESCRIPTION
The Bent Polish event is an event in which candidates polish the Bent outside of Boelter Hall.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
The Bent Polish is a tradition of the CA-Epsilon chapter to honor our organization’s symbol as well as to promote bonding between candidates and officers.

III. COST AND PERSONAL REQUIREMENTS
None

IV. SPECIAL PROBLEMS
None

V. OVERALL RESULTS
Candidates polished the bent in 30 minute shifts from 10am to 1pm for four days across two weeks. Candidates were provided metal polish varnish and rags and polished the Bent symbol outside of Boelter Hall. Candidates were supervised by one or two officers per shift.
7.2.6 Spring Candidate Quiz

Project date: 5/19/2017
Number of participating members: 8
Number of participating electees: 22
Number of participating mentees: -
Hours spent planning (total): 2
Hours spent participating (per person): 1
In conjunction with another group: No

I. PROJECT DESCRIPTION
Candidate quiz is a short quiz on the history of TBP, our chapter, and current information about its members.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
The Candidate Quiz is meant to familiarize candidates with the history of Tau Beta Pi and our chapter for them to better appreciate the organization as a whole. In addition, there were questions on the quiz regarding current members so candidates would be more familiar with officers.

III. COST AND PERSONAL REQUIREMENTS
None

IV. SPECIAL PROBLEMS
None

V. OVERALL RESULTS
Candidates performed very well on the quiz. A few people passed on the first try and the majority passed on the second try.
8.1 Fall Officer Meetings

Project date: Mondays, 9/26/16 - 11/28/16
Number of participating members: 18 on average
Number of participating electees: --
Number of participating mentees: -
Hours spent planning (total): 2
Hours spent participating (per person): 1 per meeting
In conjunction with another group: No

I. PROJECT DESCRIPTION
Officer meetings allow for dissemination of tasks, updates, and news among all officers.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
Officer meetings facilitate brainstorming of ideas to improve chapter outreach through events both on and off campus. Officers are encouraged at meetings to provide services to the student body by volunteering for various events, such as tutoring, industry open houses, and socials. Off-campus events planned at officer meetings include community service and after-school programs. Fall and Spring Officer Meetings also plan events for incoming candidates to fulfill tasks exemplifying excellence in service to the student engineering community and become eligible for initiation into the chapter membership.

III. COST AND PERSONAL REQUIREMENTS
None

IV. SPECIAL PROBLEMS
None

V. OVERALL RESULTS
Fall Officer Meetings were very concise and largely covered events related to candidate initiation and community service. General attendance was moderate although many individuals came consistently.
8.2 Winter Officer Meetings

Project date: Mondays and Tuesdays variably, 1/10/17 - 3/13/17
Number of participating members: 28 on average
Number of participating electees: --
Number of participating mentees: -
Hours spent planning (total): 2
Hours spent participating (per person): 1 per meeting
In conjunction with another group: No

I. PROJECT DESCRIPTION
Officer meetings allow for dissemination of tasks, updates, and news among all officers.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
Officer meetings facilitate brainstorming of ideas to improve chapter outreach through events both on and off campus. Officers are encouraged at meetings to provide services to the student body by volunteering for various events, such as tutoring, industry open houses, and socials. Off-campus events planned at officer meetings include community service and after-school programs.

III. COST AND PERSONAL REQUIREMENTS
None

IV. SPECIAL PROBLEMS
None

V. OVERALL RESULTS
Winter Officer Meetings continued to be concise while placing a larger emphasis on officer participation. Main topics included the planning and logistics for the Winter Officer Retreat, Rube Goldberg competition, and presidential and vice-presidential elections. A new meeting format was introduced that invited all officers present to provide updates on assigned tasks relevant to the chapter. General attendance was higher than that of Fall Officer Meetings.
8.3 Spring Officer Meetings

Project date: Mondays, 4/3/17 - Present  
Number of participating members: 21 on average  
Number of participating electees: --  
Number of participating mentees: -  
Hours spent planning (total): 2  
Hours spent participating (per person): 1 per meeting  
In conjunction with another group: No

I. PROJECT DESCRIPTION
Officer meetings allow for dissemination of tasks, updates, and news among all officers.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
Officer meetings facilitate brainstorming of ideas to improve chapter outreach through events both on and off campus. Officers are encouraged at meetings to provide services to the student body by volunteering for various events, such as tutoring, industry open houses, and socials. Off-campus events planned at officer meetings include community service and after-school programs. Fall and Spring Officer Meetings also plan events for incoming candidates to fulfill tasks exemplifying excellence in service to the student engineering community and become eligible for initiation into the chapter membership.

III. COST AND PERSONAL REQUIREMENTS
None

IV. SPECIAL PROBLEMS
None

V. OVERALL RESULTS
Spring Officer Meetings were very concise and largely covered updates relating to the chapter Grad School Night and candidate events. General attendance was between that of Fall and Winter Officer Meetings, as although attendance dropped from officers who were not active in the candidate process, many still came to update other officers on task progress and participate in group discussions. Starting this quarter, attendance was also recorded in the Meeting Minutes.
8.4 Sample Meeting Minutes

17 April (In Session 6:04, Finished 6:25)
Attended (23): Akash, Alex, Amir, Brian, Carlos, Chris, Connor, Connor, Dair, Daniel Thomlinson, Hansen, Jahan, Jai, Johnny, Kian Jer, Max, Omar, Robert, Robby, Shalini, Troy, Valentina, Carter

Missed (14): Abraham, Ahmed, Anderson, Andrew, Daniel, John Gorder, Kelsey, Michael, Nancy, Allen, Shadi, Willie, Yuxuan, Dr. Goodin

Excused (2): John Goodlad, Mark

Hands on Engineering
Today: “Wonderful!” Kids had a good time. Roughly 5 candidates per hour too! Some stayed to get all 4 community service hours
Wednesday: Aerospace session - need more volunteers (not 5 per hour yet…) Lots of setup and helpers needed!
Shoutout: To Robert for putting in work

Tutoring
Started: Today!
Conflicts: Many people approached Jahan saying they want to tutor for another organization - let’s confirm that they’re legit (Jahan and Shalini for UPE, Jai for HKN).
Policy: Consider forming an official stance about whether to accept tutoring hours for other clubs.
Possible cause: UPE assigned tutoring hours earlier than we did

Academic Outreach
Hours: Not set yet - when they are, add them to the calendar!

EMCC
Starts: This week - add to calendar!
Why you should do it: Robert - “We never have enough people for EMCC”

Grad School Night
When: Wednesday of Week 6 - add to calendar!
Flyers: Johnny and Nancy are creating them
Spread the word: Kian Jer - let’s get FB page going (Tau Beta Pi - California Epsilon)

Meet and Greet
Logistics: Tutoring Room, Tomorrow and Wednesday
What to expect: Sign up for 30 min., will include several 7-8 minute one-on-one conversations w/ candidates
Discussion questions: Look out for Robby’s list
Why you should do it: Great chance for candidates to get to know us and TBP, and vice versa!

Signature Party
Logistics: Tentatively @ ESUC Lounge next week, Wednesday or Thursday (expect 1-1.5 hours)

Socials
KBBQ: Tentatively next Thursday
Officer-candidate potluck: Possibly at Troy or Robby’s place w/ 2-3 weeks notice
Goals: Let’s try to have 1 social per week for candidates, e.g. movies
Officer Updates
Webmasters: get started on officer profiles, but need pictures - probably next week. Max should bring camera to next meeting!
Community Service: possible blood drive
UPE: had a coding challenge last week, not much coming up
HKN: professor lunch next Tuesday

Jackets
Options: Look for Johnny’s Google form on the officer chat! Giving himself a hard deadline of next Wednesday

Project Reports
Goals: Implementing a 1 week deadline
For this week: Hands-on Engineering, Meet and Greet, Candidate Sorting, Robby’s Entourage

Signed,

The Minuteman
Dear Parents:

Congratulations on your son or daughter’s invitation to join Tau Beta Pi. This is a very important recognition of his or her accomplishments as a student in the UCLA Henry Samueli School of Engineering and Applied Science. On behalf of all the members of the faculty, I extend to you and your student my sincere congratulations.

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, your son or daughter ranked amongst the top eighth of the junior class or the top fifth of the senior class of engineering students.

Since 1952, the California Epsilon Chapter of Tau Beta Pi has been one of the major student organizations at UCLA. Today, it is also a major chapter in the United States in both student and alumnus membership. The chapter is not only an honor society to pay tribute to outstanding students; it also provides a vehicle for such students to assume a role of leadership in the college and to be of distinctive service. Tau Beta Pi members are active in creating numerous engineering student projects, competitions, and mentorship programs. It is one of the most prestigious engineering societies to which one can be elected as an undergraduate. Enclosed is an introductory brochure that further explains the lifelong benefits of membership in Tau Beta Pi.

Orientation meetings for those scholastically eligible to join Tau Beta Pi will be held on Tuesday, April 5th and 6th, at 6:00 P.M. in Boelter 4275. Attendance at one of these meetings is absolutely necessary for those who wish to join and an online RSVP is required at http://bit.ly/2mc7UZs. I am writing this to you because address changes always seem to result in a few eligible students not being contacted in time. If you think your student’s invitation might not have reached him or her, please have them contact taubetapi@seas.ucla.edu.

In order to support the operation of the local chapter and the national organization, California Epsilon must charge an initiation fee of $100. As a member myself, I heartily endorse membership in Tau Beta Pi, and I hope your child will give this invitation very serious consideration; the returns on the Initiation fee should be more than worthwhile. Thank you, and best regards.

Sincerely,

Jayathi Murthy, Ph. D.
Dean

Jayathi Murthy
Dean
Office of the Dean
7400 Boelter Hall, Box 951600
Los Angeles, CA 90095-1600
Phone: 310.825.2938
www.engineer.ucla.edu
8.6 Candidate Requirements Packet

CANDIDATE REQUIREMENT SHEET – SPRING 2017

Core Requirements: Mandatory
- Bent Polish
- Candidate Quiz + Fee
- Engineering Futures Workshop
- Initiation
- Resume Submission
- Candidate Sorting

Weekly Volunteering: Choose 1
- EMCC
- Academic Outreach
- Tutoring

Social: Choose 2
- Signature Collection
- Signature Project
- Misc. (Various social events will be held throughout the quarter such as movie and game nights that you may attend)

Chapter Events: Choose 2
- Meet and Greet
- Professor Interview
- Officer Interviews (2)

Service: Attend 4 hours (Cannot be fulfilled by weekly volunteering)
- Academic Outreach, EMCC (2 hours each)
  - If you do one of these events for weekly requirements, you cannot do the same one to fulfill the service requirement
- Community Service

Elective: Choose any 3 events of your choice
- Social, Chapter Event, Service, Info Sessions, or Career Events
- Social, Chapter Event, Service, Info Sessions, or Career Events
Core Requirements:

1. Weekly Volunteering Options – do NOT count for service requirement
   - Fill out the online form declaring your track by Sunday after week 1.
   - Tutoring:
     i. Tutoring begins Monday of Week 3 in the TBP tutoring room (Boelte 6266) and ends Friday of Week 9. Arrive at your scheduled time, sign in, and wait for tutees to drop by.
     ii. Please notify tutoring chairs (tutoring@tbp.seas.ucla.edu) about any tutoring sessions you cannot make.
   - Academic Outreach:
     i. During the quarter, volunteers lead review sessions on the hill for intro STEM courses.
     ii. We can accept only a limited number of volunteers to this program. Contact the academic outreach chairs (academic.outreach@tbp.seas.ucla.edu) with any questions.
   - EMCC:
     i. Weekly workshops for Norra Sterry Elementary students with fun STEM experiments.
     ii. Sessions are tentatively Friday afternoons from Weeks 3 to 9. Contact the EMCC chairs (educ.outreach@tbp.seas.ucla.edu) with any questions.

2. Bent Polish
   - Honor the Tau Beta Pi symbol by spending 30 min polishing the large bent in front of Boelte.
   - Bent Polish will be Monday and Tuesday of Week 5, Tuesday and Wednesday of Week 6.

3. Resume Submission
   - Submit your resume online at our Tau Beta Pi chapter’s website (http://tbp.seas.ucla.edu).
   - Your resume, due Friday of Week 7, will be distributed to companies.

4. Engineering Futures
   - Engineering Futures is a workshop that focuses on interpersonal skills.
   - If you absolutely CANNOT make this, please email taubetapi@seas.ucla.edu as soon as possible.

5. Candidate Quiz
   - During Week 7, take and pass a quiz about TBP. Info from booklets in 6266 and the website.

6. Initiation Fee
   - The lifetime membership fee is $100. Please make checks out to "Tau Beta Pi."
   - Initiation fee covers national and chapter dues, a personalized engraved golden bent, a certificate, a Tau Beta Pi T-shirt, a subscription to "The Bent" magazine, and initiation dinner.
   - Check or cash will be collected during your Candidate Quiz.

7. Attend the Initiation Ceremony and Banquet
   - To initiate, you MUST attend the initiation ceremony on Tuesday (6/6) of Week 10.
   - After initiation, we will hold officer elections for the next term and celebrate with a banquet.

8. Candidate Sorting
   - Get to know your house and compete against other houses in a scavenger hunt.
   - Candidate Sorting will be on Thursday, April 13th, 6-8pm at the TBP Bent in front of Boelte Hall.

Other Events:

9. Candidate Meet and Greet
   - Have the chance to talk one-on-one with TBP officers. These conversations are a great opportunity for us to get to know you, and for you to ask about TBP or the initiation process.
   - We strongly encourage candidates to attend Meet and Greet
   - Dress is business casual.
10. Signature Collection and Project
   - Collection: get the signatures of: 10 candidates, 10 officers, and 2 TBP faculty (list at http://tbp.seas.ucla.edu).
   - Project: same as above, but display creatively. Examples available in the office.
   - Obtain each person’s Name, Major, Year of Initiation, Position, and Signature.
   - Submit your Signature Project during your Candidate Quiz.

11. Professor or Officer Interview
   - Interview a professor, preferably in engineering, or TWO officers.
   - Submit a short paper about him/her/them online or in person by Friday of Week 6.

The candidate process is not meant to be a burden on you, but rather a means for you to show the exemplary character required of all Tau Beta Pi members. It also allows us to introduce you to the programs and events that TBP has to offer. If you have any questions or concerns about the initiation process, email Alex Sorokin, the chapter president, at taubetapi@seas.ucla.edu.

Policies:
You will be allowed three strikes during this process. More than three strikes will result in an immediate removal of eligibility for this quarter. Strikes will be applied when a candidate misses an event and does not notify any officer BEFORE the event.
You must sign in to all events to receive credit for those that you attend.

Tentative Calendar of Requirements

*Weekly reminders will be sent out.

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9. Closing Remarks

From the incoming President of Tau Beta Pi - California Epsilon:

To whom it may concern,

Thank you for taking the time to read our chapter’s yearly project report. I hope that it helps to capture the accomplishments of our chapter throughout the year. We have many dedicated members who demonstrate excellence in engineering within their classes and within the UCLA community. I am proud of the efforts of our chapter to promote the values of Tau Beta Pi at UCLA and provide services to the community around us. However, there is always room for improvement and I am looking forward to lead this effort next year to improve our events and increase our presence on campus.

Sincerely,

Brian Lui

President, 2017 - 2018

UCLA - California Epsilon