Tau Beta Pi
California Epsilon
2017-2018 Project Report

University of California, Los Angeles
Henry 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 8th annual Rube Goldberg Competition and aimed to reach the campus engineering community through social events and interactive tutoring programs. 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. Furthermore, new initiatives such as the corporate sponsorship packet seek to establish partnerships with companies to help fund and become involved with TBP activities, incentivizing UCLA engineering students to join the honor society for its connections.

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 - Winter Officer Board

<table>
<thead>
<tr>
<th>Position</th>
<th>Members</th>
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</thead>
<tbody>
<tr>
<td>President</td>
<td>Brian Lui</td>
</tr>
<tr>
<td>Vice President</td>
<td>Mark Tai, Johnny Lee</td>
</tr>
<tr>
<td>Secretary</td>
<td>Connor Hum, Christopher Chen</td>
</tr>
<tr>
<td>Treasurer</td>
<td>Connor Kenny, Jai Srivastav</td>
</tr>
<tr>
<td>Academic Outreach</td>
<td>Dair Sagiev, Kushal Nimkar, Robert Dyro</td>
</tr>
<tr>
<td>Education Outreach</td>
<td>Daniel Fong, Neal Biswas, Hajime Hayano</td>
</tr>
<tr>
<td>Webmaster</td>
<td>Allan Chen, Carlos Leal, Carter Wu, Hansen Qiu, Vincent Cheng</td>
</tr>
<tr>
<td>Tutoring Chair</td>
<td>Omar Ozgur, Jingjing Nie</td>
</tr>
<tr>
<td>Social Chair</td>
<td>John Goodlad, Karen Li, Trey Crossley</td>
</tr>
<tr>
<td>Community Service</td>
<td>Patrick Minassians</td>
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<tr>
<td>Historian</td>
<td>Amelia Francis</td>
</tr>
<tr>
<td>Member Coordinator</td>
<td>John Gorder, Michael Chen, Simran Rajpal</td>
</tr>
<tr>
<td>Corporate Relations</td>
<td>Alan Mangosong, Andrew Namgoong, Kian Jer Koh</td>
</tr>
<tr>
<td>Publicity</td>
<td>Thomas Horn, Willie Wu</td>
</tr>
<tr>
<td>Rube Goldberg Lead</td>
<td>Keshav Tadimeti, Wei Dong, Nathan Zhang</td>
</tr>
<tr>
<td>Club Liaisons</td>
<td>Aditya Raju, Simran Rajpal, Shalini Dangi, Jahan Cherian</td>
</tr>
<tr>
<td>Faculty Advisor</td>
<td>Bill Goodin</td>
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## Spring Officer Board

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2.1 TBP National Conference

Project date: 10/2017
Number of participating members: 2
Number of participating electees: -
Number of participating mentees: -
Hours spent planning (total): 0
Hours spent participating (per person): 15
In conjunction with another group (n/a if none): No

I. PROJECT DESCRIPTION
Attending Fall Nationals Conference to exchange ideas with other chapters

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
Flights and layover hotel

IV. SPECIAL PROBLEMS
Spirit Airlines cancelled a flight and did not reimburse anything.

V. OVERALL RESULTS
Conference served above purpose well, giving attendees opportunity to exchange ideas and strategies with other chapters.

VI. EXHIBITS (if any)
n/a
2.2 Fall District Conference

Project date(s): 11/4/2017
Number of participating members: 1
Number of participating electees: -
Number of participating mentees: -
Hours spent planning (total): 0
Hours spent participating (per person): 5
In conjunction with another group (n/a if none): 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
Flights and layover hotel

IV. SPECIAL PROBLEMS
Spirit Airlines cancelled a flight and did not reimburse anything.

V. OVERALL RESULTS
Conference served above purpose well, giving attendees opportunity to exchange ideas and strategies with other chapters.
I also got to meet up with my friends from Nationals.

VI. EXHIBITS (if any)
n/a
3.1 Internship Insider Night

Project date: 10/12/2017  
Number of participating members: 10  
Number of participating electees: 15  
Number of participating mentees: 100  
Hours spent planning (total): 5  
Hours spent participating (per person): 5  
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.
3.2 Fall Engineering Futures

Project date: 11/19/2017
Number of participating members: 4
Number of participating electees: 60
Number of participating mentees: -
Hours spent planning (total): 10
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
None

V. OVERALL RESULTS
Workshop was successful and had a high attendance!
3.3 Universal Robotics Info Session

Project date: 5/16/2018
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 $60

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
3.4 Resume Review

Project date: 1/18/2018
Number of participating members: 2
Number of participating electees: -
Number of participating mentees: 0
Hours spent planning (total): 1
Hours spent participating (per person): 2
In conjunction with another group: No

I. PROJECT DESCRIPTION
Drop-in hours at the TBP tutoring room for one-on-one resume feedback and career fair tips.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
Providing the engineering community guidance on effective resumes and tips for getting internships or jobs.

III. COST AND PERSONAL REQUIREMENTS
No costs and personal requirements.

IV. SPECIAL PROBLEMS
n/a

V. OVERALL RESULTS
Only 3 people showed for the event. Of these, none of them responded via Facebook event, which was the main method of publicizing the event. This problem may stem from the quantity of events like this. The majority of engineering clubs/organizations host similar events, from resume reviews to mock interviews.

VI. EXHIBITS (if any)
n/a
3.5 Ultimate Software Info Session

Project date: 4/24/18
Number of participating members: 1
Number of participating electees: 2
Number of participating mentees: 0
Hours spent planning (total): 3
Hours spent participating (per person): 1
In conjunction with another group (n/a if none): n/a

I. PROJECT DESCRIPTION
TBP hosted Ultimate Software, a software company based in Florida, for an informal info session, where the recruiter talked about the company and the opportunities for internships to attendees. Resumes were accepted at this event.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
Providing the engineering community an opportunity to network with industry professionals regarding career advice and opportunities outside the university.

III. COST AND PERSONAL REQUIREMENTS
No purchases necessary.

IV. SPECIAL PROBLEMS
None in particular.

V. OVERALL RESULTS
Only around 9 individuals total attended the event. The lack of attendance was partially due to the difficulties in finding a proper date and time to schedule the event and the fact that the event was held in spring quarter, at a time when most students have already accepted summer internship offers. Despite the lack of participants, the event itself was enjoyable, with the recruiter creating an informal atmosphere for constant conversation between the attendees and the recruiter.
3.6 EXCOMM

Project date: 5/15/18
Number of participating members: 2
Number of participating electees: 0
Number of participating mentees: 0
Hours spent planning (total): 0
Hours spent participating (per person): 1
In conjunction with another group (n/a if none): Engineering Society of UCLA (ESUC)

I. PROJECT DESCRIPTION
A meeting between TBP, ESUC (the hosts), and other engineering student organizations. The main objective was to share plans for the next academic year and coordinate dates.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
Providing TBP management with information to better run the organization.

III. COST AND PERSONAL REQUIREMENTS
No purchases necessary.

IV. SPECIAL PROBLEMS
None in particular.

V. OVERALL RESULTS
Both newly elected VP’s attended the event. Plans and ideas for next year were discussed. No event conflicts with other organizations were found.
3.7 Corporate Sponsorship Packet

Project date: 9/28/17 - Present
Number of participating members: 4
Number of participating electees: 0
Number of participating mentees: 0
Hours spent planning (total): 15
Hours spent participating (per person): 0
In conjunction with another group (n/a if none): UCLA External Affairs

I. PROJECT DESCRIPTION
Creation of the corporate Sponsorship Packet

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
To establish partnerships with companies to help fund TBP activities and projects as well as provide a way of connecting members to job opportunities.

III. COST AND PERSONAL REQUIREMENTS
No purchases necessary.

IV. SPECIAL PROBLEMS
None in particular.

V. OVERALL RESULTS
Met with Deborah Lin of External Affairs. Sent her the packet along with a description of TBP’s values and attractiveness to companies. If a company’s interests align with ours, she will help set up a partnership. Otherwise, we should contact companies directly and bring External Affairs into negotiations if necessary. Success of the strategy is to be determined.
3.8 End of Year Update Video

Project date: 12/15/17
Number of participating members: 4
Number of participating electees: 1
Number of participating mentees: 0
Hours spent planning (total): 1
Hours spent participating (per person): 5
In conjunction with another group (n/a if none): n/a

I. PROJECT DESCRIPTION
A brief video including member and electee interviews was prepared per instructions from Nationals to update alumni on recent activities by CAE.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
To help develop leadership among TBP members by recognizing their work in helping engineering students and the wider community

III. COST AND PERSONAL REQUIREMENTS
No purchases necessary.

IV. SPECIAL PROBLEMS
None in particular.

V. OVERALL RESULTS
Interviewees were thoughtful and articulate in their comments. The final product was interesting to watch and technically adequate. It would likely have been possible with better advance planning to secure a location with brighter and more natural lighting, which should be done for future videos. The video was distributed to CAE alumni as planned.
4.1 Engineering Minds Cultivating Creativity (EMCC)

Project date: All academic year
Number of participating members: 2 - 10 per week
Number of participating electees: 2-3 per week
Number of participating mentees: -
Hours spent planning (total): 2
Hours spent participating (per person): 2
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.
4.2 Blood Drive

Project date(s): 10/30/17 - 11/02-17, 4/30/18 – 5/4/18
Number of participating members: 2
Number of participating electees: 15
Number of participating mentees: 0
Hours spent planning (total): 8
Hours spent participating (per person): 1
In conjunction with another group (n/a if none): UCLA Blood & Platelet Center

I. PROJECT DESCRIPTION
As a form of community service, members of TBP were given the opportunity to donate to the UCLA Blood & Platelet Center in a weeklong event in order to supply blood to the patients of Ronald Reagan UCLA Medical Center.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
According to the Eligibility Code of Tau Beta Pi, “none can become worthy engineers without the welfare of associates, organizations, and the community at heart.” A blood drive allows TBP members to give back to the community, specifically patients at Ronald Reagan UCLA Medical Center.

III. COST AND PERSONAL REQUIREMENTS
No costs were associated with this event as all promotional materials were provided by the UCLA Blood and Platelet Center. Only members who fit the criteria designated by health codes were allowed to donate blood.

IV. SPECIAL PROBLEMS
N/A

V. OVERALL RESULTS
TBP members supplied patients at Ronald Reagan Hospital with blood in a time of high demand. As a result of posters, emails, and flyers, the turnout for this blood drive was higher than usual.
4.3 Beach Clean-up

Project date(s): 11/30/17 and 5/25/18
Number of participating members: 3
Number of participating electees: 
Number of participating mentees: 0
Hours spent planning (total): 2
Hours spent participating (per person): 3
In conjunction with another group (n/a if none): n/a

I. PROJECT DESCRIPTION
TBP Members and candidates spent an afternoon picking up trash at Santa Monica Beach.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
Tau Beta Pi’s strategic goal areas include “advancing collaborative member engagement,” which was achieved through the teamwork exhibited at the beach cleanup. Furthermore, as Tau Beta Pi’s eligibility code includes the statement that “none can become worthy engineers without the welfare of associates, organizations, and the community at heart,” the work done by the members cleaning up the beach aligned directly with TBP’s goal of helping the community.

III. COST AND PERSONAL REQUIREMENTS
There was no cost associated with this event as the necessary supplies (medium sized gloves, large trash bags) were donated by Patrick Minassians.

IV. SPECIAL PROBLEMS
For one event, due to issues with email, candidates were not made aware of a schedule change that occurred 2 weeks prior to the event until 2 days before the event. This last-minute update resulted in a lower attendance than expected. As a reminder to future coordinators, do not use the “reply all” button when sending an update to a mass email through the TBP email alias since Gmail will send the email to your own account.

V. OVERALL RESULTS
The cleanup allowed us to successfully reduce the high volume of litter found at Santa Monica Beach. Members were also pleased with the change of pace from the high-stress environment of UCLA, and the event served as a nice setting for candidates to get to know officers and vice versa.
4.4 E-Week Miniature Boat Race

Project date(s): 4/11/18
Number of participating members: 3
Number of participating electees: 0
Number of participating mentees: 0
Hours spent planning (total): 5
Hours spent participating (per person): 1
In conjunction with another group (n/a if none): Engineering Society of UCLA

I. PROJECT DESCRIPTION
Held miniature boat race competition where contestants made miniature boats out of disposable plates, cups, and spoons, plastic bottles, rubber bands, duct tape, and other materials. Students were meant to choose from a variety of methods of propulsion utilizing different types of energy. (Rubber band powered propeller = elastic potential energy, balloon powered sail = elastic/air power, baking soda and vinegar powered = chemical energy)

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
To provide a fun, competitive environment based on important engineering design principles. Though simple to make, competitors still had to make important decisions based on the propulsion power of the boat relative to the weight required to make that propulsion system, as well as the overall stability of the system in the water.

III. COST AND PERSONAL REQUIREMENTS
Re-used most of the materials from existing resources, bought a few materials. (Covered by members)
Overall < $50.

IV. SPECIAL PROBLEMS
Event scheduled during the middle of the day, in an inconvenient location causing extremely low member turnout.

V. OVERALL RESULTS
Developed a good idea for the future, to be executed in a better manner.
4.5 Kid’s Day

Project date(s): 4/12/18
Number of participating members: 2
Number of participating electees: 0
Number of participating mentees: 0
Hours spent planning (total): 3
Hours spent participating (per person): 3
In conjunction with another group (n/a if none): Engineering Society of UCLA

I. PROJECT DESCRIPTION
Had a table at a youth outreach event with elementary school kids. Used gummy candies and toothpicks to demonstrate basic bridge building concepts and had them utilize these concepts to build their own bridge. Bridges were to be tested under small amounts of weight at the end of the event.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
To provide a fun, educational workshop based on important engineering design principles, dumbed down for kids.

III. COST AND PERSONAL REQUIREMENTS

IV. SPECIAL PROBLEMS
Event scheduled during the middle of the day, in an inconvenient location causing extremely low member turnout.

V. OVERALL RESULTS
Kids had fun, hopefully were exposed to ideas that might lead them to one day pursue STEM.
4.6.1 Academic Outreach - Math 32A

Project date: 10/12/2017, 11/3/2017, 11/7/2017, 11/28/2017
Number of participating members: 3
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
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 32A problems.

IV. SPECIAL PROBLEMS
The Session itself went smoothly overall. The only major issue was poor timing, which dragged the session for 3.5 hours and exhausted both the students and the organizers. This is a crucial thing to note for the future sessions.

V. OVERALL RESULTS
Overall, the review session turned out to be fairly successful. Students enjoyed it and asked lots of questions, making it very productive and interactive. The officer and the candidates did a good job on presenting and explaining the material, as well as interacting with students.
4.6.2 Academic Outreach - Math 33A

Project date: 10/19/17
Number of participating members: 1
Number of participating electees: 2
Number of participating mentees: -
Hours spent planning (total): 3
Hours spent participating (per person): 5
In conjunction with another group: UCLA Office of Residential Life

I. PROJECT DESCRIPTION
One of TBP’s academic outreach officers and two candidates prepared review problems and notes to help students prepare for a linear algebra midterm (Math 33A). We also held office hours to answer questions for those who came in (5 hour timeslot).

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
Making our organization’s name more prominent by engaging with our university peers.
Using our knowledge to help others

III. COST AND PERSONAL REQUIREMENTS
There was no cost for this event.

IV. SPECIAL PROBLEMS
Initial room bookings on the hill was denied by the administration on the hill. We decided to host it in the TBP room and held office hours from 3 PM to 8 PM instead. Attendance was lower than hoped for but we got good feedback on whether we should focus on problems vs explanation/lectures.

V. OVERALL RESULTS
We had around 45 people who wanted the practice problems we made, but only 10 or so who spent a significant amount of time at office hours. This was a new format to doing review sessions and as a first trial it could be considered unsuccessful (the next session was much better).
4.6.3 Academic Outreach - Physics 1A

Number of participating members: 3
Number of participating electees: 2
Number of participating mentees: 76
Hours spent planning (total): 24
Hours spent participating (per person): 16
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 attendance was not as high as desired. We received about 20-40 students per review session, independent of how many lectures were being taught in the given quarter.
A couple of the winter quarter professors were unwilling to give us their syllabi and exam dates. Improving our advertising for the events, like using social media, and also asking for more feedback would likely increase attendance overall.
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
4.7.1 Fall Tutoring

Project date: 10/17/17
Number of participating members: 37
Number of participating electees: 56
Number of participating mentees: -
Hours spent planning (total): 3
Hours spent participating (per person): 245
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 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 16 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. The number of electees increased in this Fall Quarter, so we have a sufficient number of tutors to help the tutees. 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 4 tutors per given hour of the day. The Fall quarter was proved to be a crucial quarter for tutoring introductory Chemistry, Physics, Computer Science and Math classes.
4.7.2 Tutoring Review Sheets

Project date(s): 10/01/17 – Present (in progress)
Number of participating members: 5
Number of participating electees: 0
Number of participating mentees: 0
Hours spent planning (total): 1
Hours spent participating (per person): ~20
In conjunction with another group (n/a if none): n/a

I. PROJECT DESCRIPTION
This project involves the creation of review sheets for select lower division classes (presently those familiar to the tutoring chairs). Review Sheets are focused on improving recall for tutors for drop-in tutoring in the TBP room and also for tutees to remember formulas and concepts quickly.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
Review Sheets enhance the ability of tutors to present ideas by being reminded of certain concepts that may have been forgotten. Review Sheets also allow tutees to receive help with the basics of a class without directly approaching a tutor. In both of these circumstances, the benefit towards the community is enhanced.

III. COST AND PERSONAL REQUIREMENTS
The review sheets themselves do not cost anything as they are electronically generated. A personal requirement for those generating review sheets is to learn LaTex, as this is the platform most of the review sheets are generated upon.

IV. SPECIAL PROBLEMS
Certain classes have very few people that are knowledgeable enough to write review sheets for them. Also, the tutoring chairs of the future may not encompass all the classes that need review sheets to be written for. This will probably be solved as it comes up and the task of creating the review sheet in that case will probably be given to a person who is capable of doing so.

V. OVERALL RESULTS
Review Sheets for the following classes have been completed: Math 32A, Math 33B, Chem 30A, CS 31, MSE 104, Physics 1A, Physics 1B.
Review sheets for EE 100, EE 102, Chem 20B, CS 33, Engr 183EW, and LS 2 have also been written, but may be formatted using LaTex.
4.7.3 Winter Tutoring

Project date: 1/7/2018-3/22/2018
Number of participating members: 49
Number of participating electees: 0
Number of participating mentees: 80
Hours spent planning (total): 20
Hours spent participating (per person): 14
In conjunction with another group (n/a if none): n/a

I. PROJECT DESCRIPTION
Free drop in tutoring is held in the Tau Beta Pi room where officers are required to do 2 hours of consecutive tutoring once a week (in lieu of other community service options) and officers have to do one hour a week (in lieu of other community service requirements). In addition, several distinguished actives also tutored 2 consecutive hours a week. Members were also encouraged to create review sheets, which would comprise of a minimum of 3 pages.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
Tutoring remains one of Tau Beta Pi’s largest service to the community and a historic event that is done every quarter. The review sheets also provide a service to the community in helping maintain a short list of items to remember for each class.

III. COST AND PERSONAL REQUIREMENTS
No costs were incurred

IV. SPECIAL PROBLEMS
Very few review sheets were created this quarter. The deadline for signing up to be a tutor was later than usual and so the schedule was sent out very close to when tutors would have to start tutoring. This quarter had a slight decline in the number of tutees than in previous quarters.

V. OVERALL RESULTS
Overall, the general consensus among the members, officers, distinguished actives, and tutees was satisfaction with the system (at least compared to not having this service). No other special outcomes were achieved.
4.7.4 Spring Tutoring

Project date: 04/16/2018 – 06/01/2018
Number of participating members: 49
Number of participating electees: 13
Number of participating mentees: 80
Hours spent planning (total): 20
Hours spent participating (per person): 14
In conjunction with another group: N/A

I. PROJECT DESCRIPTION
Free drop in tutoring is held in the Tau Beta Pi room where candidates are required to do 2 hours of consecutive tutoring once a week (in lieu of other community service options) and officers have to do one hour a week (in lieu of other community service requirements). In addition, several distinguished actives also tutored 2 consecutive hours a week. Candidates were also offered the chance to create review sheets, which would comprise of a minimum of 3 pages, to complete one elective requirement.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
Tutoring remains one of Tau Beta Pi’s largest service to the community and a historic event that is done every quarter. The review sheets also provide a service to the community in helping maintain a short list of items to remember for each class.

III. COST AND PERSONAL REQUIREMENTS
No costs were incurred.

IV. SPECIAL PROBLEMS
No candidates wanted to create a review sheet this quarter and so none were created. The deadline for signing up to be a tutor was later than usual and so the schedule was sent out very close to when tutors would have to start tutoring. Along with the much smaller pool of candidates than usual, this quarter also such a much greater decline in the number of tutees than in previous quarters.

V. OVERALL RESULTS
Overall, the general consensus among the candidates, officers, distinguished actives, and tutees was satisfaction with the system (at least compared to not having this service). No other special outcomes were achieved.
4.7.5 Study Rooms

Project date: 4/20/2018
Number of participating members: 5
Number of participating electees: 0
Number of participating mentees: --
Hours spent planning (total): 2
Hours spent participating (per person): 3
In conjunction with another group: No

I. PROJECT DESCRIPTION
TBP hosted a study hall for transfer undergraduates to get to know TBP students and to get advice from students who have been at UCLA for a while.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
Providing the transfer engineering community an opportunity to meet other students in that year.

III. COST AND PERSONAL REQUIREMENTS
No purchase necessary

IV. SPECIAL PROBLEMS
None

V. OVERALL RESULTS
Around 15 people attended this event (including TBP affiliates) to study and to socialize with other students. There is a lower turnout during Spring Quarter because by this time, most transfer students are familiar with the campus and know where to find study resources.
4.8 Exploring Your Universe

Project date(s): 11/04/17
Number of participating members: 3
Number of participating electees: 7
Number of participating mentees: 0
Hours spent planning (total): 6
Hours spent participating (per person): 6
In conjunction with another group (n/a if none): UCLA Department of Physics & Astronomy

I. PROJECT DESCRIPTION

TBP Members spent the day demonstrating the concept of electromagnetic induction to elementary school students visiting UCLA for the Exploring Your Universe event, a daylong science-based festival for the general public. A homopolar motor was used to demonstrate the concept in a tangible way, providing students with a better understanding of how to apply their newfound knowledge of electromagnetics to practical projects.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI

One component of Tau Beta Pi’s mission is to “promote lifelong learning.” During this event, TBP members were able to demonstrate to the students who visited our booth an interesting application of a science topic, increasing the students’ interest in math and science while encouraging the pursuit of STEM-related subjects. Since the event was open to the general public, our booth also provided TBP with a means of enhancing its image among the public.

III. COST AND PERSONAL REQUIREMENTS

There was no cost associated with this event as all the materials required for the homopolar motor demonstration (copper wire, neodymium magnets, and D batteries) were donated by the Glendale Learning Program, a tutoring program for middle school students in the Glendale area.

IV. SPECIAL PROBLEMS

The coordinators of this event relegated our demonstration to a secluded room in the Math-Sciences Building, severely limiting the foot traffic around our booth. Efforts should be made to request an outdoor booth for next year’s Exploring Your Universe event.

V. OVERALL RESULTS

The event was a success in terms of demonstrating an abstract scientific topic in a concrete manner through a demonstration. Therefore

VI. EXHIBITS (if any)
5.1 Fall Retreat

Project date: 10/10/2018
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.
5.2 Winter Retreat

Project date: 1/26/2018-1/28/2018
Number of participating members: 25
Number of participating electees: 0
Number of participating mentees: 0
Hours spent planning (total): 20
Hours spent participating (per person): 10
In conjunction with another group:

I. PROJECT DESCRIPTION
As many of our officer board as we had cars to take traveled to Pine Mountain Resort this weekend to participate in our annual officer retreat. We stayed in a cabin, and spent the weekend hiking 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 $30 for food for the weekend. 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 Pine Mountain Resort. Our chapter was particularly limited with vehicle space this year, so we could only take the first 25 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.
5.3 Spring Retreat

Project date: 4/6/2018-4/8/2018
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 Joshua Tree National Park this weekend to participate in our annual officer retreat. We rented a house, and spent the weekend hiking 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 $30 for food for the weekend. Our chapter paid $310 to rent the house 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 Joshua Tree. 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.
5.4 KBBQ

Project date: 11/27/2017 and 2/22/2018
Number of participating members: 23
Number of participating electees: 0
Number of participating mentees: -
Hours spent planning (total): 4
Hours spent participating (per person): 4
In conjunction with another group: No

I. PROJECT DESCRIPTION
Members performed karaoke, and then ate Korean food together afterwards.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
The goal of this social was to promote bonding amongst candidates and officers. This promotes two purposes. One, the candidates feel more at home as a part of TBP, meaning that they’ll be more likely to want to contribute this environment for future years of TBP. Second, the officers themselves grow closer to each other. When the officers have close bonds, they’re more likely to work well together as a team and they’ll become more effective contributors to other goals that TBP may have.

III. COST AND PERSONAL REQUIREMENTS
Required 2 Ubers, ~$40, as there were no drivers and there were known parking issues in that area. Karaoke also cost ~$60

IV. SPECIAL PROBLEMS
Encouraging officers to take the plunge and sing, even if they weren’t able to perform well. Choosing a mix of songs so that everyone could participate was also difficult.

V. OVERALL RESULTS
The family-style dining afterwards was very comfortable and lively, so the karaoke beforehand can be considered a success at bringing people together. Many of the officers met and interacted with a large number of candidates, candidates that we are now friends with. This was a successful bonding opportunity for current TBP members and inductees alike.
5.5 8th Annual Rube Goldberg Competition

Project date: 4/21/18
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 8th Rube Goldberg Competition took place on April 21st, 2017 in the Ackerman Grand Ballroom in UCLA. The final task this year is “Sky’s the Limit”.

The planning committees were established in October 2017 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 planning committees were established in October 2017 so that the majority of logistics were planned during fall quarter while the purchase of materials and participants were finalized in winter quarter. The Rube Goldberg committee is divided into four sub-committees: Logistics, Material, Judging, and Publicity. The overall Rube Goldberg committee is headed by Keshav Tadimeti. 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: UCLA Engineering Alumni Association, and Northrop Grumman.

Each team has two runs, judged by two pairs of different judges. We took the higher score for each team.

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](image)

**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 break down for the event is provided below.
As mentioned before, we have several sponsors that helped us offset the cost. The breakdown of money came 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>Northrop Grumman</td>
<td>$1000</td>
<td>Facility</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: Brent Corbin, William Goodin, Aaron Meye
Alumni: Armen Azizian, Hunter Jones
Officers: Jacob Swing, Keshav Tadimeti, Johnny Lee, Mark Tai, Brian Lui
IV. SPECIAL PROBLEMS
We have encountered problems in publicizing the event. We expected to have 30 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 if 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. We also used a large 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 made the overall environment more enjoyable for the participants. The participants have expressed their satisfactions with the music.

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 of our judges are pictured below:
Figure 3: Brent Corbin, William Goodin, Aaron Meyer (From Left to Right)
5.6 Sawtelle Brunch

Project date: 11/19/2017
Number of participating members: 15
Number of participating electees: 0
Number of participating mentees: 0
Hours spent planning (total): 1
Hours spent participating (per person): 3
In conjunction with another group: No

I. PROJECT DESCRIPTION
Officers got Sunday brunch in Sawtelle

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
The goal of this social was to promote bonding amongst officers.

III. COST AND PERSONAL REQUIREMENTS
No cost to TBP

IV. SPECIAL PROBLEMS

V. OVERALL RESULTS

VI. EXHIBITS (if any)
n/a
5.7 Sawtelle Dinner

Project date: 1/23/2018
Number of participating members: 9
Number of participating electees: 0
Number of participating mentees: --
Hours spent planning (total): 1
Hours spent participating (per person): 3
In conjunction with another group: No

I. PROJECT DESCRIPTION
An excursion to Seoul Tofu in Sawtelle, a heavily Japanese area near UCLA.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
Members were able to acquaint themselves with one another, while breaking bread together.

III. COST AND PERSONAL REQUIREMENTS
Required two drivers, and each person paid for their own meal.

IV. SPECIAL PROBLEMS
The wait for our large party could have been avoided with a reservation, but Seoul Tofu was the backup for another restaurant which unfortunately had a longer wait time.

V. OVERALL RESULTS
Good conversation was had at the table, as we waited for one complete one to open instead of splitting into smaller parties. While it was difficult to talk to those seated farther, everyone was able to participate in smaller conversations around the table.
5.8 Picnic at Janss Steps

Project date: 12/1/2017
Number of participating members: 4
Number of participating electees: 8
Number of participating mentees: 0
Hours spent planning (total): 2
Hours spent participating (per person): 3
In conjunction with another group (n/a if none): n/a

I. PROJECT DESCRIPTION
Officers and candidates had a picnic on Janss Steps at UCLA

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
The goal of this social was to promote bonding amongst candidates and officers. This promotes two purposes. One, the candidates feel more at home as a part of TBP, meaning that they’ll be more likely to want to contribute this environment for future years of TBP. Second, the officers themselves grow closer to each other. When the officers have close bonds, they’re more likely to work well together as a team and they’ll become more effective contributors to other goals that TBP may have.

III. COST AND PERSONAL REQUIREMENTS
No cost to TBP

IV. SPECIAL PROBLEMS
n/a

V. OVERALL RESULTS
n/a

VI. EXHIBITS (if any)
n/a
5.9 Candidate Boba Run

Project date: 11/29/2017
Number of participating members: 5
Number of participating electees: 20
Number of participating mentees: 0
Hours spent planning (total): 1
Hours spent participating (per person): 1
In conjunction with another group (n/a if none): n/a

I. PROJECT DESCRIPTION
Officers and candidates went to get boba tea together

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
The goal of this social was to promote bonding amongst candidates and officers. This promotes two purposes. One, the candidates feel more at home as a part of TBP, meaning that they’ll be more likely to want to contribute this environment for future years of TBP. Second, the officers themselves grow closer to each other. When the officers have close bonds, they’re more likely to work well together as a team and they’ll become more effective contributors to other goals that TBP may have.

III. COST AND PERSONAL REQUIREMENTS
No cost to TBP

IV. SPECIAL PROBLEMS
n/a

V. OVERALL RESULTS
Many of the officers met and interacted with a large number of candidates, candidates that we are now friends with. This was a successful bonding opportunity for current TBP members and inductees alike.

VI. EXHIBITS (if any)
n/a
5.10 Bollywood Bites Fundraiser

Project date(s): Nov 15, 2017
Number of participating members: 4
Number of participating electees: 16
Number of participating mentees: 0
Hours spent planning (total): 4
Hours spent participating (per person): 3
In conjunction with another group (n/a if none): N/A

I. PROJECT DESCRIPTION
Fundraiser at Bollywood Bites (15% of purchases go to TBP)

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
Raise money for TBP fund as well as allow candidates and officers to bond.

III. COST AND PERSONAL REQUIREMENTS
About $18 per person.

IV. SPECIAL PROBLEMS
N/A

V. OVERALL RESULTS
Our goal was to have at least 20 attendees, which we did, so that was great! Food and company were both good.

VI. EXHIBITS (if any)
5.11 Ice-Blocking Social

Project date: 4/23/2018
Number of participating members: 7
Number of participating electees: 3
Number of participating mentees: 0
Hours spent planning (total): 2
Hours spent participating (per person): 2
In conjunction with another group: No

I. PROJECT DESCRIPTION
Members and electees met to experience a classic UCLA tradition for new members in a club.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
Providing candidates an opportunity to meet other candidates and current officers in a casual setting.

III. COST AND PERSONAL REQUIREMENTS
~$20 for three ice blocks and snacks from Ralphs.

IV. SPECIAL PROBLEMS
The clubroom did not have towels, and so towels had to be brought to prevent direct contact with the ice block. Luckily enough were brought, but in the future towels should be available to ensure that there will be enough if no one brings any.

V. OVERALL RESULTS
Although unplanned, we were able to share space with another club and even race them in a friendly match. Attendees had a lot of fun, and were able to reach the bottom of the hill the event was held on. The snacks were useful in increasing attendance, and if the budget allows this should be done for other events.
5.12 Board Game and Casino Night Social

Project date: 11/7/17, 5/11/2018
Number of participating members: 14
Number of participating electees: 28
Number of participating mentees: 0
Hours spent planning (total): 2
Hours spent participating (per person): 3
In conjunction with another group (n/a if none): N/A

I. PROJECT DESCRIPTION
Board members met to test a new and old social, playing board games, card games, and casino games. Candidates and Officers alike played together throughout the night, sharing merriment and jolly good times.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
The goal of this social was to promote bonding amongst candidates and officers. This promotes two purposes. One, the candidates feel more at home as a part of TBP, meaning that they’ll be more likely to want to contribute this environment for future years of TBP. Second, the officers themselves grow closer to each other. When the officers have close bonds, they’re more likely to work well together as a team and they’ll become more effective contributors to other goals that TBP may have.

III. COST AND PERSONAL REQUIREMENTS
$10 - Casino chips and cards were purchased.

IV. SPECIAL PROBLEMS
Figuring out how to let everyone have a chance to play games. We needed one person to take on the role of dealer. As not everyone is experienced, some members had to take on that role for a long period of time. We were surprised by the number of candidates that attended. At one point, several candidates did not have chairs since all of them were taken. For future board game nights, we would probably want to acquire more chairs or maybe reserve a larger room if we could do so at no cost to TBP.

V. OVERALL RESULTS
Members did not keep interest very long in the casino games, and eventually it became a general social where other games were played, e.g. board games. In the future, the event should not be so long as to allow players to lose interest. The turnout was very large, especially compared to other socials we planned. Many of the officers met and interacted with a large number of candidates, candidates that we are now friends with. This was a successful bonding opportunity for current TBP members and inductees alike.
5.13 Origami Social #1

Project date: 5/12/2018
Number of participating members: 1
Number of participating electees: 4
Number of participating mentees: 0
Hours spent planning (total): 1
Hours spent participating (per person): 2
In conjunction with another group (n/a if none): N/A

I. PROJECT DESCRIPTION
Electees met to chat while making crafts, primarily origami.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
Providing candidates an outlet to relieve stress. Promoting interest in the arts amongst engineers.

III. COST AND PERSONAL REQUIREMENTS
$10 - Previous sunk cost as materials were taken from personal belongings.

IV. SPECIAL PROBLEMS
While originally billed as an arts and crafts social, the most popular activity was folding origami. Due to this unanticipated interest, there was a limited amount of origami paper for each attendee.

V. OVERALL RESULTS
Unfortunately, many members did not finish their projects. This was due to the general lack of skill the attendees had on how to fold origami. On the other hand, many stayed for the entirety of the event, indicating that they enjoyed it despite their failures.
5.14 Origami Social #2

Project date: 5/23/2018
Number of participating members: 1
Number of participating electees: 5
Number of participating mentees: 0
Hours spent planning (total): 1
Hours spent participating (per person): 3
In conjunction with another group (n/a if none): N/A

I. PROJECT DESCRIPTION
Members folded origami with provided paper squares, with a focus on kusudama (origami balls).

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
Allowing candidates to meet each other and relieve stress from work. Introducing members to a more obscure item (kusudama), to help them expand their knowledge of other cultures.

III. COST AND PERSONAL REQUIREMENTS
$4 - More origami paper to replenish stocks.

IV. SPECIAL PROBLEMS
As kusudama are made with many, many modular parts, there was no time to finish one. Instead, we all should have worked on one kusudama.

V. OVERALL RESULTS
Attendees stayed past the scheduled ending time, so it seems that the event held their interest. Despite origami being an individual activity, conversation permeated the room (usually using the origami difficulty as a conversation starter).
5.15 Jogging Social

Project date: 5/29/2018
Number of participating members: 3
Number of participating electees: 3
Number of participating mentees: 0
Hours spent planning (total): 1
Hours spent participating (per person): 1
In conjunction with another group (n/a if none): N/A

I. PROJECT DESCRIPTION
Members and electees met to jog on and around the UCLA Campus and share advice about upcoming TBP activities and general topics.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
Providing candidates an opportunity to ask questions about TBP officership of current officers, helping them develop leadership. Promoting physical development in hand with intellectual growth.

III. COST AND PERSONAL REQUIREMENTS
No purchases necessary.

IV. SPECIAL PROBLEMS
The exertion of jogging, especially on such a long route, was harder on some members more than others. For the future, breaks need to be planned along the route - especially as time for more relaxed conversation.

V. OVERALL RESULTS
The running route was completed as planned, and conversation among attendees was abundant, especially considering the physical exercise. New areas of campus were introduced to all attendees, as the route was mostly through North Campus away from the normal haunts of Engineering majors.
5.16 Officer Ice Cream Social

Project date: October 2017
Number of participating members: 6
Number of participating electees: 0
Number of participating mentees: 0
Hours spent planning (total): 0.5
Hours spent participating (per person): 2
In conjunction with another group (n/a if none): N/A

I. PROJECT DESCRIPTION
Met in front of Boelter then walked down to Saffron and Rose for ice cream.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
Foster relationships and bonding between officers of Tau Beta Pi.

III. COST AND PERSONAL REQUIREMENTS
Around $4 or $5 per person out-of-pocket for ice cream.

IV. SPECIAL PROBLEMS
N/A

V. OVERALL RESULTS
Ice cream was hella bomb.

VI. EXHIBITS (if any)
5.17 Candidate Pieology Social

Project date: October 2017
Number of participating members: 7
Number of participating electees: 6
Number of participating mentees: 0
Hours spent planning (total): 0.5
Hours spent participating (per person): 2
In conjunction with another group (n/a if none): N/A

I. PROJECT DESCRIPTION
Meet in front of Boelter then walk down to Pieology to get pizza.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
Allow TBP candidates to get to know each other as well as meet officers over dinner.

III. COST AND PERSONAL REQUIREMENTS
Around $10 per person out-of-pocket for pizza.

IV. SPECIAL PROBLEMS
N/A

V. OVERALL RESULTS
Pizza was yummy and people were happy.

VI. EXHIBITS (if any)
5.18 Picnic at Janss Steps #2

Project date: 1/19/2018
Number of participating members: 8
Number of participating electees: 0
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 socials.

III. COST AND PERSONAL REQUIREMENTS
$34 for Sandwich and Snack Materials, just myself to prepare the food and bring it.

IV. SPECIAL PROBLEMS
None in particular

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.
5.19.1 Fall Orientation

Project date(s): 10/3/2017 and 10/4/2017
Number of participating members: 15
Number of participating electees: 75
Number of participating mentees: -
Hours spent planning (total): 4
Hours spent participating (per person): 3
In conjunction with another group (n/a if none): 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.
Conversion from electee to declared candidate was higher than the historical expectation.

VI. EXHIBITS (if any)
n/a
5.19.2 Fall Candidate Sorting

Project date: 10/10/2017
Number of participating members: 8
Number of participating electees: 63
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.
5.19.3 Fall Meet and Greet

Project date: 10/16/2017, 10/17/2017
Number of participating members: 12
Number of participating electees: 49
Number of participating mentees: -
Hours spent planning (total): 2
Hours spent participating (per person): 8
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
None.

IV. SPECIAL PROBLEMS
None.

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.
5.19.4 Fall Signature Party

Project date: 10/27/17
Number of participating members: 9
Number of participating electees: 46
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
$12.60 for snacks

IV. SPECIAL PROBLEMS
None

V. OVERALL RESULTS
The event itself transpired smoothly. There were two stations of water pong, one station of juggling, one station of riddles/puzzles, one station of Battleship, 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.
5.19.5 Fall Bent Polish

Project date: 11/2/2017, 11/3/2017, 1/7/2017, 11/8/2017
Number of participating members: 12
Number of participating electees: 49
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.
5.19.6 Fall Candidate Quiz

Project date: 11/20/2017-11/21/2017
Number of participating members: 15
Number of participating electees: 60
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.
5.19.7 Fall Initiation

Project date: 12/5/17
Number of participating members: 100
Number of participating electees: 0
Number of participating mentees: -
Hours spent planning (total): 10
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.
5.20.1 Spring Orientation

Project date: 4/10/2018 and 4/12/2018
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.
5.20.2 Spring Candidate Sorting

Project date: 4/18/2018
Number of participating members: 11
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.
5.20.3 Spring Meet and Greet

Project date: 4/18/2018
Number of participating members: 8
Number of participating electees: 13
Number of participating mentees: -
Hours spent planning (total): 8
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 the three different houses and competed to complete all activities first. Both candidates and officers enjoyed the event.
5.20.4 Spring Signature Party

Project date: 4/26/2018
Number of participating members: 9
Number of participating electees: 10
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 where candidates participate in various activities and games to earn the signature of officers and other candidates.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
The social event is 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
There was a low attendance from candidates, even though this event is a core event.

V. OVERALL RESULTS
Since this was a core event, it was expected that all candidates attend. However, only 10 out of the 16 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.
5.20.5 Spring Bent Polish

Project date: 4/30/2018-5/3/2018
Number of participating members: 6
Number of participating electees: 15
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 is an event in which candidates honor the TBP symbol by polishing 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 symbols 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 for four days across one week. Candidates were provided metal polish varnish and rags and polished the Bent symbol outside of Boelter Hall. Candidates were supervised by one officer per shift.
5.20.6 Spring Candidate Quiz

Project date: 5/17/2018
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.
5.21 House Event #1

Project date: 5/18/2018
Number of participating members: 6
Number of participating electees: 10
Number of participating mentees: -
Hours spent planning (total): 3
Hours spent participating (per person): 2
In conjunction with another group: No

I. PROJECT DESCRIPTION
House events are socials meant for members of just one house. The three houses of the CA-Epsilon chapter held their own events. Tau house went to Yogurtland, Beta house went to Blaze Pizza, and Pi house went to Poke Bar.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
House events are meant to strengthen candidate bonding within each house. Creating separate houses also allows candidates of each house to bond with officers of the same house. Another goal of the house system is to increase active member retention and officer recruitment from candidates.

III. COST AND PERSONAL REQUIREMENTS
$30 (Tau)
$32 (Beta)
$45 (Pi)

IV. SPECIAL PROBLEMS
None

V. OVERALL RESULTS
The house events were a success, and attendance improved from last house event (except for Tau house). Candidates were afforded an opportunity to bond with other candidates and officers of the same house.
5.22 House Event #2

Project date: 5/4/2018
Number of participating members: 9
Number of participating electees: 11
Number of participating mentees: -
Hours spent planning (total): 3
Hours spent participating (per person): 2
In conjunction with another group: No

I. PROJECT DESCRIPTION
House events are socials meant for members of just one house. The three houses of the CA-Epsilon chapter held their own events. Tau house went to Pieology, Beta house went to Saffron and Rose, and Pi house went to Bollywood Bites.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
House events are meant to strengthen candidate bonding within each house. Creating separate houses also allows candidates of each house to bond with officers of the same house. Another goal of the house system is to increase active member retention and officer recruitment from candidates.

III. COST AND PERSONAL REQUIREMENTS
$64 (Tau)
$25 (Beta)
$40 (Pi)

IV. SPECIAL PROBLEMS
None

V. OVERALL RESULTS
The house events were a success, despite the less than stellar attendance. Candidates were afforded an opportunity to bond with other candidates and officers of the same house.
6.1 Fall Officer Meetings

Project date: Mondays, 9/26/17 - 11/28/17
Number of participating members: 20 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.
6.1.1 Fall Officer Transition Meeting
Project date(s): 11/20/2017 and 11/21/2017
Number of participating members: 40
Number of participating electees: -
Number of participating mentees: -
Hours spent planning (total): 2
Hours spent participating (per person): 1
In conjunction with another group (n/a if none): No

I. PROJECT DESCRIPTION
Officer Transition Meeting transitions the old Tau Beta Pi officer board to the new one to ensure minimal knowledge loss.

II. RELATIONSHIP TO OBJECTIVES OF TAU BETA PI
This meeting ensures that we are able to maintain our consistent quality in officers and our chapter

III. COST AND PERSONAL REQUIREMENTS
None

IV. SPECIAL PROBLEMS
None

V. OVERALL RESULTS
Presenting on a TV is fun

VI. EXHIBITS (if any)
6.2 Winter Officer Meetings

Project date: Mondays and Tuesdays variably, 1/8/18 - 3/16/18
Number of participating members: 32 on average
Number of participating electees: --
Number of participating mentees: -
Hours spent planning (total): 1
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.
6.3 Spring Officer Meetings

Project date: Mondays, 4/6/18 - 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 Rube Goldberg Competition 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. Attendance was also recorded in the Meeting Minutes.
6.4 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 alumni 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 5\textsuperscript{th} and 6\textsuperscript{th}, 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/2nC7UZs. 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
6.6 Candidate Orientation and Requirements Packet
Tau Beta Pi
The National Engineering Honor Society
California Epsilon – University of California, Los Angeles. Est. 1952
Office: Boelter Hall 5266K, taubetpi@seas.ucla.edu http://tbp.seas.ucla.edu

CANDIDATE REQUIREMENT SHEET – Spring 2018

Core Requirements: Mandatory
  ❑ Candidate Sorting
  ❑ Bent Polish
  ❑ Candidate Quiz + Fee
  ❑ Resume Submission
  ❑ Initiation

Weekly Volunteering: Choose 1 Option
  ❑ EMCC
  ❑ Academic Outreach
  ❑ Tutoring

Social: Attend 2 Events
  ❑ Signature Party
  ❑ Misc. (Various social events will be held throughout the quarter such as movie and game nights) that you may attend

House Events: Attend 2 Events
  ❑ Misc. (Various house events will be held throughout the quarter)

Publicity: Attend 3 Shifts
  ❑ Chalking or Tutor

Service: Attend 6 hours (Cannot be fulfilled by weekly tutoring)
  ❑ 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
  ❑ Tutorolfy, Social, Signature Project, Review Sheets, Meet and Greet, or Career Events
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Core Requirements:

Weekly Volunteering Options – do NOT count for service requirement
Fill out the online form declaring your track by April 13th (Friday of Week 2)

1. Tutoring
   a. Drop-in tutoring begins April 16th (Monday of Week 3) in the TBP tutoring room (Boelter 6266) and ends
      Jun 1st (Friday of Week 9). Arrive at your scheduled time, sign in, and wait for tutees to drop by.
   b. Please notify tutoring chairs (tutoring@tbp.seas.ucla.edu) about any tutoring sessions you cannot make.

2. Academic Outreach
   a. During the quarter, volunteers lead review sessions on the hill for lower division STEM courses.
   b. 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.

3. EMCC
   a. Weekly workshops at Norra Steiny Elementary students with fun STEM experiments.
   b. Sessions are tentatively Friday afternoons from Weeks 3 to 9. Contact EMCC chairs
      (educ.outreach@tbp.seas.ucla.edu) with any questions.

Candidate Sorting
- Get to know your house and compete against other houses in a scavenger hunt.
- Candidate Sorting will be on Wednesday, April 19th from 6-8pm at the TBP Bent in front of Boelter Hall.

Bent Polish
- Honor the Tau Beta Pi symbol by spending 30 min polishing the large bent in front of Boelter.
- Bent Polish will be Monday through Thursday on Week 5.

Resume Submission
- Submit your resume online at our Tau Beta Pi chapter’s website (http://tbp.seas.ucla.edu).
- Your resume, due May 18th (Friday of Week 7), will be distributed to companies.

Candidate Quiz
- During Week 7, take and pass a quiz about TBP. Information covered by the quiz can be found in booklets in
  Boelter 6266 and the TBP website.

Initiation Fee
- The lifetime membership fee is $100. Please make checks out to “Tau Beta Pi” or venmo @tbpula
- 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.
- Initiation Fee will be due during the candidate quiz.

Initiation Ceremony and Banquet!
- To initiate, you MUST attend the initiation ceremony on Tuesday (6/5) of Week 10.
- After initiation, we will hold officer elections for the next term and celebrate with a banquet.

Tutorfly:
- Tutorfly private tutoring begins Friday of Week 3 [10 hours count for 2 elective events and 3 publicity shifts]
  o TBP Candidates go through an accelerated hiring process with Tutorfly compared to normal applicants
  o Candidate tutors and member tutors get paid $17 for each hour.
  o Tutorfly orientation is on April 17th (Tuesday of Week 3) at Covel Commons Room 203 (Time: TBD)
  o Tutors will go live on the Tutorfly site on April 20th (Friday of Week 3)
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Other Events:

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

Signature Project and Signatures
- Collection: get the signatures of 15 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 to the TBP office at any time.

Publicity Events
- Help publicize TBP events through chalking
- Chalking: Write a short blurb on TBP events/services (academic outreach, tutoring, etc...) in classrooms and briefly speak to the class about them

House System
- Promote candidate bonding within each of TBP’s houses (Tau, Beta, Pi)
- Inter-house competition with a large reward at end of the quarter
- Points earned via attendance, performance, and extra service
  - 1 point for attendance per member for all non-house events
  - Events with competitions will award points based on performance
    - 50 points for 1st, 25 points for 2nd
  - 5 points for every extra 2 hours of tutoring
    - Will be averaged over total number of members per house
  - 15 points for every extra 4 hours of service
    - Will be averaged over total numbers of members per house
    - Academic Outreach and EMCC events are eligible
  - Tutoring is not eligible

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 Johnny Lee, the chapter president, at president@tbp.seas.ucla.edu.

Important 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

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7. 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 many 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,

Johnny Lee

President, 2018 - 2019

UCLA - California Epsilon