



TAU BETA PI

University of California, San Diego
Engineering Honor Society

Sponsorship Packet



We are the nation's oldest engineering honor society, made up of highly-motivated, high-achieving engineers from a wide array of engineering disciplines. We are the top 1/8th of the Junior class and top 1/5th of the Senior class of students in the Jacobs School of Engineering at UC San Diego, who are committed to personal and professional integrity. We recognize, celebrate, and champion excellence in engineering while supporting an eclectic lifestyle. Throughout the year, we host many professional development workshops and engineering industry info sessions to prepare their members for their futures. And as an honor society, we are involved in the community, offering free tutoring to our fellow engineers in the Jacobs School of Engineering, and participating in multiple outreach programs promoting interest in STEM fields at local K-12 schools.





COMMUNITY SERVICE AND OUTREACH

Since 2008, Tau Beta Pi engineering students at UCSD have actively taken part in enriching the science and math curriculum for 4th and 5th grade students at Florence Elementary School. On a weekly basis, our members provide an active learning approach to the students by conducting a science or engineering related project. With approximately 40 students participating every week, this program has presented both unique opportunities and challenges for our outreach team. Over the course of the year, we have been able to span a variety of projects on a budget of \$2000. Our current curriculum comprises of topics such as bridge building, an egg drop, DNA extractions, and electromagnetism projects. The projects are selected to show off a wide variety of science and engineering principles that we hope will excite and encourage the students to enter STEM fields in their futures.



This year, we hope to incorporate and reach out to even more students and plan to expand our curriculum. For example, we will start working with Westview High School to help run their Kinetic Sculpture Program. Our members will be helping to implement this program at Westview High School to help the students learn about topics such as kinetic energy, potential energy, and two-dimensional motion.

In addition to outreach, TBP is also involved in a plethora of volunteering activities, such as: picking up trash during River Mouth Restoration, packaging foods for families in need at the San Diego Food Bank, tutoring fellow students at UCSD, participating in Light the Night Walk, delivering gifts to over 15 families in Operation Santa 2013, and spreading STEM awareness at Engineers on the Green.





LOCAL CONFERENCES



Every year, Tau Beta Pi members attend a national convention in the Fall and two district conferences, one in Fall and one in Spring. At Convention, TBP members from across the nation meet to act as the supreme governing body to conducting the business of the Association.

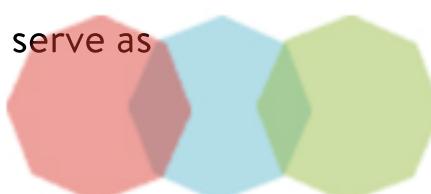
Throughout the convention there are also several development programs such as the Chapter Development Program, including Interactive Chapter Exchange, Engineering Futures, and District meetings that serve to help students understand how to effectively lead their university's chapter. Chapter representatives who attend have the special opportunity to meet with Association Officials and to learn first-hand about problems, solutions, and opinions on the role of TBP on the nation's campuses.

Conferences held amongst the Southern California chapters are smaller gatherings that help educate and train new officers in chapter operations as well as serve as



networking opportunities with other driven engineers in various fields. TBP encourages members to attend conferences and convention in order to promote exchange of skills and ideas as well as social collaboration skills.

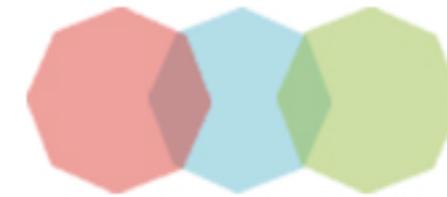
Last year, we sent 12 of our members to attend TBP Spring conference at UC Santa Barbara on a budget of \$1000, which covered transportation and registration fees. This year, we hope to send over 30 members to Loyola Marymount University in the Spring. This Fall, we sent 2 officers to the National Convention in Spokane, Washington on a budget of \$1500, covering food, hotel expenses and transportation. Next year, we hope to send 5 delegates to the 2015 National Convention in Providence, Rhode Island on a budget of \$3500 in order to prepare to host the 2016 National Convention in San Diego the following year.





END OF YEAR BANQUET AND SOCIALS

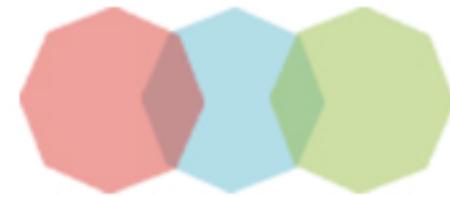
Every year, Tau Beta Pi hosts an End of the Year Banquet. Last year, our banquet was catered by a local Lebanese restaurant with amazing reviews. We had over 70 Tau Beta Pi members and guests, which included Alumni, Professors, and Industry Representatives, who attended. During this event, we awarded our chapter's Professor of the Year Awards to the three most influential and inspiring engineering professors at UCSD, as selected by our members. We also reviewed the year's events with a video compilation, remembering the friendships that were made and the growth individuals members achieved. Finally, we introduced and inaugurated our new officer board that is serving during the current 2014-2015 academic school year. Banquet celebrates the excellence in engineering of our student members, our alumni, and the professors who inspire us and teach us all we know.



It is a valuable networking opportunity for members, faculty and advisors, and affiliated representatives from industry. This year, we hope to expand our banquet to invite more professors and alumni, as well as host more industry representatives. We have budgeted \$2000 to cover the cost of the room, food, and entertainment for an anticipated 150 attendees.

On a weekly basis, TBP members have ample networking opportunities, such as: Weekly Pool, Ice Skating, Rock Climbing, Potato Chip Hike, Intramural Sports such as dodgeball, Officer Retreat, Photo Scavenger Hunt, Ultimate Frisbee, Jeopardy: Engineering 101, Potlucks and Picnics, and Finals Study Parties. These are valuable occasions for bonding and knowledge sharing, allowing TBP members to augment their technical and soft skills.

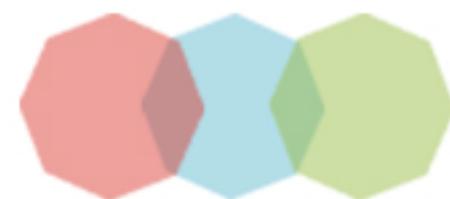




As part of Tau Beta Pi's goal to develop our members professionally and academically, we host a number of industry tech talks, info sessions, resume critiques, workshops, and alumni panels throughout the year. During these events, companies and alumni are invited to present on a variety of topics, from how to land an internship to the new technologies their company is currently working on. Typically, we host at least two Alumni Mixers per quarter and in the past year, we have hosted companies such as VMWare, Baxter, Illumina, Genentech, and General Atomics for tech talks. In addition to providing the opportunity for students, recruiters and industry engineers to converse less formally than at career fairs, these events help provide our members with the opportunity to learn more about industry and the different jobs that are available in their futures, which can serve as useful guidance for the remainder of their college years. These events are heavily advertised in our weekly emails to members, on Facebook, and through fliers posted around the campus in order to ensure all students are aware of the opportunities available.



PROFESSIONAL DEVELOPMENT





PI DAY
3/14



Since 1965, it has been a tradition at UCSD to drop objects from buildings. Starting from the first Watermelon Drop that took place in 1965, UCSD has added to the initial tradition as early as 1971, when the first Pumpkin Drop took place. Last year, TBP started a new tradition in the Jacobs School of Engineering, called the Pi(e) Drop. The main event began promptly at 1:59pm, when a 13-inch, 4.5-pound cherry pie was dropped from the top floor of the new Structural and Materials Engineering Building. Over 300 people attended as well as several hundred passersby who stopped to watch. Onlookers were asked to make predictions of the splatter radius, with the closest guesses rewarded with prizes. Afterwards, everyone celebrated with free pie to commemorate a new UCSD tradition. Overall, it was a huge success and we have budgeted \$2000 this year in hopes of continuing this tradition on an even larger scale. This cost will cover pizza, pie, plates and utensils, publicity, rental fees for the facilities and equipment, and prizes such as Raspberry Pis for the event.





HOW YOU CAN HELP



Tau Beta Pi is an organization dedicated to forming a passionate community of engineers at UCSD. From tech talks, to social events, to outreach, we have a diverse set of events and activities that appeal to any passionate engineer.

If you want to help TBP foster engineers and receive some exclusive benefits in return, you can do so by becoming a sponsor of TBP at any of these levels:

Sponsorship Opportunities

SILVER (\$750+)

- One event of your choosing (food not included)
- Logo on the website

GOLD (\$1500+)

- Two events of your choosing (food not included)
- Logo on website and TBP T-Shirt
- Interview Room (2 rooms, 1 per quarter)
- TBP Resume collection (grouped by majors)
- TBP Banquet invitation

PLATINUM (\$3500+)

- Three events of your choosing (food not included)
- Logo on website, TBP T-shirt, and all printed material
- Interview Room (2 rooms, 1 per quarter)
- TBP Resume collection (grouped by majors)
- TBP Banquet invitation
- Access to mailing list
- Featured guest at 1 general body meeting

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