Theta Tau Colony of UCSD



Current members of the UCSD Theta Tau Colony

University of California, San Diego

Chapter Petition
Theta Tau Professional Engineering Fraternity

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We, the members of the colony of Theta Tau at the University of California, San Diego, hereby petition chapter status. We are all currently enrolled in the Jacobs School of Engineering at the University of California, San Diego and have no affiliation with any organization considered to be competitive with Theta Tau and pledge to continually improve our organization to the best of our abilities.

our abilities.	ANNERS AN
Har Jam Robert Tran	Lorna Nguyen
Errynne Bell	John Phu Nguyen
Amelia Chu	Joe Shao
Takahiro Kuwayama	Tanakara Tarki Tanaraharan
_ sept	Tanakorn Techajongchareon
Ashay Verma	Xiumei Wu
Micbelle A. Mojica	Chuong H. Do
Scott Louie	Christopher & Lam
Alan Leung	

Leoniel Lopez Vivian Li Kurtis Cheng Scott Kwang Kevin Wei Yean-Bin Kim Camille Frances Toledano Paras Andrew Chen Taraneh Saeidi Veronica Wu Benjamin Ou Hyung Jin O Frank Buchanan Andrew Chen Paul Kim Tida Sooreechine

Frank Buchanan

Hometown: El Dorado County Major: Mechanical Engineering

GPA: 2.9

Graduation Date: 2012

Campus Activities: Intervarsity E-mail: rephron101@gmail.com

Takahiro Kuwayama

Position Held: Pledge Instructor Hometown: Honolulu, Hi Major: Computer Science

GPA: 3.35

Graduation Date: June 2011

Campus Activities: Eta Kappa Nu, NSU UCSD Academic Computing Services

E-mail: tkuwayam@ucsd.edu

Tanakorn Techajongchareon

Position Held: Rush Chair Hometown: Oakland Major: Structural Engineer

GPA: 2.98

Graduation Date: June 2011

Campus Activities: Dragonboat/ KP/ TCC E-mail: mynameisbest2002@hotmail.com

Lorna Nguyen

Hometown: Escondido, CA Major: Computer Engineering

GPA: 3.0

Graduation Date: June 2012 E-mail: ltn014@ucsd.edu

Michelle Mojica

Position Held: Academics Chair Hometown: San Jose, CA Major: Aerospace Engineering

GPA: 2.7

Graduation Date: SP10

Campus Activities: PSR, AIAA E-mail: mamojica05@gmail.com

Leoniel Lopez

Position Held: Social chair Hometown: Sacramento, CA Major: Computer science

GPA: 3.0

Graduation Date: June 2011 Campus Activities: VSA, KP

Habitat for Humanity

E-mail: lopez.niel@gmail.com

Kurtis Cheng

Hometown: Sacramento Major: Comp Sci GPA: 3.67

Graduation Date: Spring 2011? Campus Activities: muay thai E-mail: kurtisc07@gmail.com

Errynne Bell

Position Held: Vice President (Vice Regent)

Hometown: Yucaipa, CA Major: Structural Engineering

Minor: Psychology

GPA: 3.0

Graduation Date: June 2010

Campus Activities: Theta Tau, Phi Sigma Rho

E-mail: errynne.bell@gmail.com

Alan Leung

Position Held: Pledge Supervisor Hometown: Cerritos, CA Major Mechanical Engineering

GPA: 3.288

Graduation Date: June 2010 Campus Activities: Dragonboat E-mail: a3leung@ucsd.edu

Camille Paras

Hometown: San Diego, CA Major: Aerospace Engineering

GPA: 2.7

Graduation Date: June 2011 Campus Activities: AIAA E-mail: cparas@ucsd.edu

Veronica Wu

Position Held: Philanthropy Chair

Hometown: Fremont, CA Major: Aerospace Engineering

GPA: 3.30

Graduation Date: June 2012 Campus Activities: AIAA E-mail: vewu@ucsd.edu

Joe Shao

Position Held: Director of Professionalism

Hometown: Saratoga

Major: Bioengineering:Premedical Political Science: International Relations

GPA: 3.0

Graduation Date: June 2011 Campus Activities: Theta Tau E-mail: jShao@ucsd.edu

Andrew Chen

Hometown: San Jose

Major: Aerospace Engineering

GPA: 2.6

Graduation Date: 2013 Campus Activities: FBLA E-mail: anc025@ucsd.edu

Scott Kwang

Position Held:

Hometown: Castro Valley, CA Major: Electrical Engineering

GPA: 3.2

Graduation Date: June 2012

Campus Activities: UCSD Dragonboat Team

E-mail: skwang@ucsd.edu

Benjamin Ou

Hometown: Richmond, CA Major: Bioengineering: Pre-med

GPA: 2.9

Graduation Date: 06/2011

Campus Activities: UCSD FISH, PASS, TT

E-mail: bmou@ucsd.edu

Amelia Chu

Position Held: Treasurer Hometown: San Francisco, CA Major: EE / Mgmt Science

GPA: 2.37

Graduation Date: June 2011

Campus Activities: Wushu Club @ UCSD ViaCar, UCSD Dragonboat, Lion Dance

E-mail: ah88chu@gmail.com

Yeon bin kim

Hometown: Busan, Korea

Major: Bioengineering: bioinformatics

GPA: 3.49

Graduation Date: June,2012 Campus Activities: JSA (historian)

E-mail: ybk002@ucsd.edu

Hyung Jin (Tommy) O

Hometown: Burbank

Major: Aerospace Engineering

GPA: 2.805

Graduation Date: June 2012

Campus Activities: UCSD STARCRAFT, AIAA

THETA TAU, KASA, ETC E-mail: H10@UCSD.EDU

John Nguyen

Position Held: Public Relations Chair

Hometown: Orange County Major: Aerospace Engineering

GPA: 3.46

Graduation Date: June 2010 E-mail: johnnguyen@ucsd.edu

Xiumei wu

Position Held: Director of Fundraising Hometown: Manhattan, New York Major: Structural engineering

GPA: 3.27

Graduation Date: June 2011 Campus Activities: phi sigma rho E-mail: Xmeiwu@gmail.com

Taraneh Saeidi

Hometown: Carlsbad, CA Major: Structural Engineering

GPA: 3.05

Graduation Date: Jun 2012

Campus Activities: SCSE, STITCH, USGBC, TT

E-mail: tsaeidi@ucsd.edu

Robert Tran

Hometown: Ontario, California Major: Computer science

GPA: 2.52

Graduation Date: June 2012 Campus Activities: Trudy, Teo-Chew Association, CSES E-mail: rhtran@ucsd.edu

Kevin Wei

Hometown: Hacienda Heights Major: Structural Engineering

GPA: 2.45

Graduation Date: 2012 Campus Activities: TASA E-mail: k1wei@ucsd.edu

Scott Louie

Position Held: Director of Technology

Hometown: Foster City

Major: CSE GPA: 3.1

Graduation Date: 2011 Campus Activities: Theta Tau E-mail: scottlouie77@gmail.com

Vivian Li

Hometown: Milbrae, CA Major: Structural Engineering

GPA: 3.468

Graduation Date: June 2012 Campus Activities: Seismic Design Concrete Canoe, SCSE, USGBC

E-mail: vwli@ucsd.edu

Andrew Chen (2)

Hometown: San Francisco, CA Major: Computer Science

GPA: 3.81

Graduation Date: June 2012

Campus Activities: Wushu, Tau Beta Pi

E-mail: ayxchen@gmail.com

Kim Min

Hometown: Los Angeles, CA Major: Mechanical Engineering

GPA: 3.1

Graduation Date: march 2011 Campus Activities: IM sports E-mail: paulkim0309@gmail.com

Christopher Lam

Position Held: Director of Rituals Hometown: Burlingame CA, Major: Computer Science

GPA: 2.3

Graduation Date: June 2012 Campus Activites: Wushu Email: ckl009@ucsd.edu

Tida Sooreechine

Position Held: Special Events Coordinator

Hometown: Torrance, CA Major: Mechanical Engineering

GPA: 2.7

Graduation Date: June 2011 E-mail: teamtida@gmail.com

Chuong Do

Position Held: Secretary Hometown: San Jose

Major: Bioengineering Premedical

GPA: 2.92

Graduation Date: June 2010 Email: chuonghdo@gmail.com

Ashay Verma

Position Held: President Hometown: Cupertino, CA Major: Computer Science

GPA: 2.9

Graduation Date: 6/11/2011 E-mail: averma@ucsd.edu

History of the University of California, San Diego

UCSD evolved as an outgrowth of the Scripps Institution of Oceanography (SIO), founded in 1903 on the cliffs overlooking Black's Beach.

UC Berkeley zoology professor William Ritter and a group of San Diego civic leaders believed the West Coast needed a dedicated year-round marine laboratory and that La Jolla was the ideal location.

The result was the nation's first multidisciplinary oceanographic institution, later named Scripps Institution of Oceanography.

SIO became part of the University of California in 1912, and since then has expanded its research scope to include physics, chemistry, geology, biology, and the world climate.

From concept to campus

The institution that became UCSD was first conceived by the University of California in the late 1950s during the postwar science boom. It was to be a graduate and research Institute of Technology and Engineering, providing instruction and research in mathematics, physics, chemistry, the earth and biological sciences and engineering.

These original plans were soon expanded into plans for a more general campus under the leadership of Roger Revelle, then SIO director. The first faculty appointment was made July 1957, and two years later, the UC Regents approved the University of California, La Jolla.

In 1960, the campus was renamed the University of California, San Diego, and its first graduate students were enrolled. UCSD admitted its first undergraduate students in 1964.

Notable dates from UCSD's early history

- **1903:** Zoologist William Ritter, along with a group of prominent San Diegans, establishes the Marine Biological Association.
- **1912:** Marine Biological Association transfers La Jolla land to University of California, and is renamed Scripps Institution for Biological Research.
- 1925: Renamed Scripps Institution for Oceanography
- 1958: UC Regents first authorize establishment of an Institution of Technology and Engineering, then approve a new general campus called the University of California, La Jolla.

- **1960:** First graduate students are enrolled, and the campus name is changed to the University of California, San Diego.
- 1961: Nuclear physicist Herbert York is appointed the first chancellor of UCSD.
- 1963: School of Science and Engineering is renamed First college and moves from Scripps to its present location.
- **1964:** Undergraduate program begins at First College, now renamed Revelle College after oceanographer Roger Revelle, SIO director.
- **1966:** UCSD assumes operation of the San Diego County Hospital, now known as the UCSD Medical Center.
- 1968: UCSD School of Medicine opens.

College system

From its inception, UCSD adopted a residential college system patterned after Oxford and Cambridge. UCSD's goal with the college was to provide smaller "home" communities with closer interaction between students and faculty members than at most large research universities.

Since UCSD was founded, six colleges have been established:

- Revelle, founded in 1964
- Muir, 1967
- Marshall, 1970
- <u>Warren</u>, 1974
- <u>Roosevelt</u>, 1988
- Sixth College, 2002

Each college is headed by a provost – a faculty member who serves as a college's administrative and academic leader. Each college also has its own deans of academic advising, student affairs, and residential life, who provide a support system for students.

Every UCSD faculty member is affiliated with a college as well as an academic department.

History of the College of Engineering

Jacobs School History: Youngest of the Best

A New University of California Campus is Established

Since its founding in 1960, the University of California, San Diego – one of the ten campuses in the world-renowned University of California system – has rapidly achieved the status as one of the top institutions in the nation for higher education and research. Nestled along the Pacific Ocean on 1,200 acres of beautiful coastal city-granted property in La Jolla, CA, UCSD is a powerful magnet for those seeking a fresh, next-generation approach to education and research.

Engineering Focuses on Applied Sciences

Engineering on the UCSD campus started in 1964 and 1965 with two broad applied science departments: one in the areas of aerospace engineering, solid mechanics, bioengineering and materials; and the other in the areas of electronics, information theory and radio astronomy. The educational program and the need for a highly educated workforce was endorsed by the regional industry, which was dominated at the time by aerospace and electronics defense contractors in support of the major Naval and Marine in San Diego.

The early leaders felt it was critical to incorporate the latest scientific methods into the curricula, and to create an environment where distinguished faculty would cooperate without departmental boundaries, to reflect interdisciplinary needs of advanced engineering R&D. This philosophy enabled UCSD to recruit some of the most visionary engineering leaders of the time. The first five years, marked a period of remarkable growth and by 1969, the engineering faculty included 26 members in the Aerospace and Mechanical Engineering Sciences Department and 17 members in the Applied Physics and Information Science Department. Building on this foundation of distinguished experts, UCSD continues to attract top engineering faculty and scholars.

Naming of the School

In 1982, UCSD decided to create a more cohesive engineering education program and brought the two engineering departments under the umbrella of a Division of Engineering led by the first dean, Lea Rudee. About a decade later, the division was renamed the School of Engineering to reflect the national prominence of the faculty. Robert Conn, an expert in plasma physics and semiconductors was recruited from UCLA in 1994 to lead the new school. And in 1997, the school went through a final name change when QUALCOMM founder and former UCSD engineering professor Irwin Jacobs and his wife Joan Jacobs provided a \$15 million endowment for the School, leading to the current name in their honor. The couple later added to the endowment in 2003 with a \$110 million gift for scholarships, fellowships, and faculty support.

The Jacobs School Today

The Jacobs School currently encompasses six academic departments: Bioengineering, Computer Science and Engineering, Electrical and Computer Engineering, Mechanical and Aerospace Engineering, Nano Engineering, and Structural Engineering. Our family tree documents how the school has continued to reinvent itself to take advantage of new opportunities. For example, the Nano Engineering Department, which was established in 2007, is capitalizing on a growing trend throughout public and private research-funding organizations to focus on nanoscience and nanotechnology approaches that have potential to make valuable contributions to biology and medicine.

Although the School is relatively young, its influence is felt well beyond the campus walls. The UCSD Pascal programming language and operating system developed in that 1970s and early 1980s, made microprocessors accessible to the masses and led to the PC revolution. UCSD Pascal established UCSD early on as an innovator in information technology and computer science, and the Jacobs School continues to lead this field. Founding faculty member Y.C. Fung established the first biomedical engineering program in the nation, and to this day is considered the father of biomechanics. The Jacobs School's top ranked Bioengineering Department, formed in 1994, continues to serve as an international model for biomedical engineering education. The Structural Engineering Department, founded as the first department of it's kind in 1999, has become the world's leading program for large-scale structural testing and earthquake safety engineering. Jacobs School faculty and alumni have started up hundreds of companies, and have helped build the wireless communications, biotechnology, software and electronics hubs in San Diego. Today, the Jacobs School ranks among the top 15 engineering schools in the nation.

College of Engineering General Information

The UCSD Jacobs School of Engineering, established in 1964, is one of best research schools in the U.S., set apart by our "entrepreneurial culture and integrative engineering approach." It is the youngest and fastest rising among the nation's top 15 engineering schools, and the largest engineering school in the renown University of California system. This year, US News ranked Jacobs 5th among the nation's public engineering schools and it is ranked 10th internationally according to the 2008 Academic Rankings of World Universities by Subject Field conducted by Shanghai Jiao Tong University in China. In addition to the prestigious academic rankings, Jacobs School of Engineering graduates rank **third nationally** in their salary earnings among U.S. public universities.

In the year of 2008-2009, 1,195 graduate students were enrolled in the Jacobs School of Engineering, among whom 21% are female students, and 44% were international students. During this period, 3,853 undergraduate students were enrolled of whom 22% are female. The average high school GPA for these undergraduate students stands over 4.0.

Jacobs offers Bachelor of Science and graduate degrees from each of the following departments: Bioengineering, Computer Science and Engineering, Electrical and Computer Engineering, Mechanical and Aerospace Engineering, Nano Engineering, Structural Engineering, and Material Science and engineering. Four of which were in the top 20 this year according to US News.

History of the Prospective Chapter

In the summer of 2008, Amelia Chu was informed about Theta Tau by Lifan Zhang, a now current leader of the Epsilon colony of Theta Tau at University of California, Berkeley. Early fall quarter of 2008, Amelia contacted and met Vinay Reddy, Jennifer Young, and Daniel Scholl from the UC Davis' Theta Tau Chapter and received further information to start a colony at UC San Diego.

After corresponding with officers from the Triton Engineering Student Council (TESC) later that quarter, Steven Choi, a Theta Tau alum, Young, and Scholl gave a presentation to TESC and gathered more potential members for the future colony.

At the start of winter quarter 2009, a meeting was held to establish a cabinet and to plan goals for recruiting more members. At this meeting, only five eager students attended: Ashay Verma, Errynne Bell, Wisely Wu, Taka Kuwayama, and Amelia Chu. Each of these students received the executive positions: President, Vice President, Secretary, Pledge Marshall, and Petition Chair respectively.

During the winter quarter of 2009, the officers held weekly meetings and established a student organization, Professional Engineering Society (PES). PES held a general body meeting for those interested and hosted social gatherings to get to know those fellow members better. Over 20 people attended these socials and were all interested in joining PES. However, the executive members believed that we needed only the most committed members during this time; therefore, we cut the members down to 14 of the most interested and committed. Soon after, they submitted the colony petition and were initiated as the charter class of the colony of Theta Tau at UCSD on May 30th. Not wasting any time, these 14 members used spring quarter of 2009 to plan their first rush. They made letters, designed flyers, and marketed this professional engineering fraternity everywhere they could which led to a very successful rush during fall of 2009.

By fall quarter of 2009, the charter class was able to hold its first official rush period to attract aspiring professional engineers to be part of the Alpha class. The number of engineers that attended the rush events beat our expectations dramatically. As a result, 20 engineers were given bids to prove their dedication and commitment to Theta Tau. All 20 engineers accepted these bids and became pledges. Throughout this pledge process, there existed two pledge captains and a pledge treasure. The charter class has created a pledge process that has incorporated the three pillars of Theta Tau, service, professionalism, and brotherhood. These pledges were assigned time-consuming tasks that demonstrated their abilities and creativity. Well-thought out events by the charter class allowed these strangers to bond with each other like true brothers. Tremendous efforts, dedication and bonding was be witnessed during this pledge process which lasted a total of 10 weeks. However when initiation came at the second week of winter quarter, only 18 pledges crossed over and became active members at UC San Degio's Theta Tau colony and they are now known as the Alpha class.

Today, all members attend required meetings every week to set goals and deadlines to accomplish in the future. They intend on continuously growing and improving this fraternity in any and all ways possible. Through this process, the bond between members is increasing and more and more people are showing interest in this fraternity.

Goals Achieved

Our colony has grown rapidly not only in numbers, but also in what we have accomplished in the little time as a colony. We have made many mistakes, but have learned from them, and learned more by talking to other colonies and chapters about what they have accomplished and the mistakes that they have made. Each of our members boils with desire and motivation to expand and improve Theta Tau and lead it to be the Professional Engineering Fraternity that everyone knows about and respects on campus. We have accomplished many goals covering each aspect of our colony.

In the professional aspect, we have held several workshops lead by our professional chair, where members improved their professional side. These workshops have included public speaking, resume, interviews, dining etiquettes and there are many more to come. All of our members participated in one of the biggest engineering event available to engineers at UCSD: the DECAF Career Fair. This was the ideal way to reach our arms out to the campus community and to companies to get our name outside of campus. Another activity that we are getting involved with and is soon to come is the junk yard derby. Our colony has entered a team into this campus wide competition and hopes to both to win and to get recognized by as many engineers as possible.

As an organization, we have held our first rush, and are working on our second. Our first pledge period was overall, very successful and grew our colony to over 30 members (18 initiates). We hold weekly meetings, where the average attendance is much over 80%. On top of these weekly meetings, cabinet members need to hold committee meetings at their own discretion. Our organization is also working hard to reach out to other chapters and colonies by attending the regional conference and visiting other colony and chapter members. We have even submitted an article to *The GEAR of Theta Tau*.

As for brotherhood events, in general, we have one weekly. These events range from going out for dinner to bowling to movie/game nights. These events have been crucial in tightening the bonds between each of our members. Besides these weekly social events, we are also forming in intramural team for co-ed sports such as volleyball and softball. Our participation in these sports will begin soon and we hope that it will be a rewarding experience.

Apart from our three pillars of brotherhood, professionalism, and philanthropy, we have also put a lot of time into fundraising for our colony. The biggest fundraising project that we have coming, during fall quarter, is the EIT review. This idea was given to us by the chapter at UC Davis who were successful in carrying out this plan. We have already started planning this event by emailing professors to donate their time to us, designing posters and flyers to get the word out about these review sessions to all the engineers.

Described above are a few of the events that we have accomplished and only a fraction of the events that we hope to accomplish in the near future. If we were able to achieve these goals in less than a year, we can only imagine bigger and better things to come for Theta Tau at UCSD.





PROFESSIONAL ENGINEERING FRATERNITY

4325 Caminito Del Diamante San Diego, CA 92121

April 7, 2009

Brothers,

I have been the advisor for this group at UC San Diego since its creation. Over the past two school years, I have attended their general meetings, various events and have made close ties with many of their members. It has been my observation that the members of this group are extremely motived, dedicated and excited about the prospect of joining and fully contributing to the organization of Theta Tau.

Since the addition of a colony of Theta Tau at UC San Diego, these students have been actively invovled in professional development, community service and brotherhood. Their first pledge class was almost double that of their number of active members, showing an immense interest in such an organization here at UC San Diego. I had the privilege of attending various events throughout their first rush and pledge quarter. This group was able to implement all tasks with great success. I wish a national member could have been in attendance at their alpha class initiation; it was so well-planned and impressive! This group has shown that they can achieve anything they put their minds to, which is an invaluable quality for a chapter of Theta Tau. Perhaps more important than their accomplishments is their great sense of brotherhood. After observing their interactions among each other, I can tell this group is not just composed of friends; they are truly family.

The installment of a chapter of Theta Tau at UC San Diego will not only be a great addition to West Coast organizations, but nationally as well. UC San Diego has a prestigous academic reputation; thus the addition of this university will greatly enhance the repertoire of Theta Tau. The installment of a chapter at this university will increase local support and help tie connections to East Coast organizations. Additionally, in conjunction with the newly established organizations at nearby universities, the creation of a chapter of Theta Tau at UC San Diego will promote growth in the area, and will contribute to the goals of Project 2020.

I fully support the creation of a chapter of Theta Tau at UC San Diego. I believe the addition of this chapter is vital to the continued growth and success of West Coast organizations, as well as to the national fraternity as a whole. I believe the members who are presenting this petition are fully qualified and will succeed in this endeavors.

In H&T,

Jennifer Young, OΓ' 54

To my fellow Brothers of Theta Tau,

I am writing on behalf of the University of California, San Diego colony of Theta Tau in order to recommend them for full chapter status. Over the last six months, I have gotten to work closely with the outstanding founders of this colony, as well as their first pledge class. I believe that they meet and exceed the standards set for chapter membership, and will be worthy and welcomed new brothers if chosen for chapter status.

I am very impressed with the dedication and foresight that the founders have shown to me during this time. Sitting in on their board meetings, I am constantly struck by the vibrant energy, the enthusiasm for every event they plan; an energy that will serve them well as they continue to expand and grow. Already they have shown an incredible ability to recruit men and women, bringing in large crowds to their very first rush despite the presence of another engineering fraternity, as well as a commendable ability to creatively fundraise even without the benefit of substantial campus support.

Not too long ago, I found myself in the same position as they are, as a member of the first pledge class of the Tau Gamma chapter at the University of Pennsylvania, still trying to make a name for ourselves, to design a lasting pledge process, and foster brotherhood, while being up for chapter review. What the colony here at UCSD has done in a comparable time frame is extremely impressive and stacks up favorably to anything that we accomplished, and I look forward to seeing them grow and prosper over the coming years.

In H&T,
Matthew Nakatsuka
TF16
Graduate Student Researcher
University of California, San Diego
B.S. of Engineering, 2009
University of Pennsylvania



PROFESSIONAL ENGINEERING FRATERNITY

The University of California, Davis

April 3, 2010

Brothers,

I have been associated with the San Diego Colony since its inception in 2008. They are a very motivated group with vast potential. Brotherhood and professionalism are very apparent when interacting with the group. I have high expectations for what they will accomplish for our fraternity moving forward.

UC San Diego's academic track record rivals the most prestigious universities in our nation. It will be an obvious asset to include such an accomplished engineering institution into our exclusive network. Additionally, their presence in Southern California will have a beneficial impact to the western expansion and University of California expansion efforts.

I fully endorse the acceptance of UC San Diego as a chapter of Theta Tau.

In H&T,

Vinay Reddy OΓ 22 **Expansion Director**