

Eta Kappa Nu Mu Chapter



**Annual Report
2004-2005**

Eta Kappa Nu, Mu Chapter: Annual Report, 2004-2005



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Dear BRIDGE Editors,

On behalf of the Mu Chapter of the Eta Kappa Nu Association at the University of California, Berkeley, we proudly submit the attached report of our chapter's activities and accomplishments during the 2004-2005 school year. Our chapter is among the most active groups on Berkeley's 33,000-student campus. In addition to maintaining the numerous services that our chapter has traditionally provided, such as daily tutoring, exam files and course surveys, we also continually strive to expand the range of activities and services in which we involve ourselves in.

This past year, we improved our chapter in several ways. The Industrial Relations Committee has matured, building a stronger relationship with the UC Berkeley Career Center and the EECS department. These partnerships have allowed us to establish a more solid relationship with industry. Also, our chapter diversified our activities by adding events such as inter-societal dancing and visits to the UC Berkeley Botanical Gardens. In addition, we focused on better serving the EECS students—holding study sessions right before midterms and organizing events catering to the EECS students at large.

For your convenience, our activities are split into four main categories:

- “Service,” covering our activities to benefit the general student body, our department and college, and the surrounding community.
- “Outreach,” covering our efforts to connect with groups that we can interact with and learn from our alumni, other HKN chapters, other Berkeley engineering societies, and industry.

- “Social,” athletic and mixer social events created to uphold chapter morale and help Mu Chapter members, candidates, and officers bond while taking a break from their studies.
- “Official Business,” the standard events and ceremonies needed to run and perpetuate the chapter.

For an overview of all our activities, you may skim the first page of each section or read the report in its entirety for a more thorough view of each event. A calendar of our events from the past year is provided in the back for your reference. The Mu Chapter cordially invites you to take a look into our chapter through this report in hopes that you may understand why our chapter is so well respected in our department, why our members are very dedicated to keep the chapter so active, and why we continue to grow every year.

Sincerely,
The Mu Chapter Bridge Committee

Li Li

Sarah Beth Eisinger

Mangesh Kulkarni

Stephen Wu

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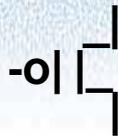
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Of the many activities in which HKN Mu Chapter participates, we particularly take pride in the services we provide to the EECS community and the greater surrounding area. Last year, we continued to provide our established services such as free tutoring, course surveys, GRE review sessions, donut runs, and exam files. Additionally, upon increased demand, we expanded our study session program, in which students gather and study for upcoming midterms together. This past year also saw an increase in the number of community service activities, including new events such as zoo cleaning and mentoring at the YMCA.





Girls Go Tech

As girl scouts from all over California gathered at the Oakland Marriott Hotel, so did the Mu chapter of HKN. Over the span of six hours, several thousand girl scouts were given the opportunity to earn a tech badge by visiting various booths and viewing demonstrations. HKN showed the girls various engineering projects, such as Pong made on an FPGA. Mostly the girls had fun playing the various technology-oriented games HKN provided, such as a video signal processing game, where a camera was used to detect motion and translate it to action on the screen.



HKN Officer Jessica Leung helps two girl scouts play Pong with an N64 controller.

Trailhacking



Fall 2004 Vice President Isaac Seetho is working hard on fixing a part of the trail.

The Mu Chapter has been volunteering with the Trail Center of Santa Clara County since the summer of 2000. Several days over the past year, HKNers began work at the crack of dawn to maintain and fix the trails at the Mt. Sutro Open Space Preserve, part of the UCSF campus. This year, the Mu Chapter helped to build a new hiking trail connecting the peak to a nearby city street via a scenic hillside.

Service Community

Berkeley Food and Housing Project



Fall 2004 Vice President Isaac Seetho and his candidates hand out Clif Bars and bananas.

A long time supporter of the Berkeley Food and Housing Project, HKN continues to remain active at the center in an effort to solve the widespread problem of homeless families and individuals. HKNers have helped to alleviate the problem of hunger through a variety of events. These include serving food at local churches and also putting on large envelope-stuffing and mailing sessions to raise money from the surrounding community.

Friday at the Y

The Mu chapter worked closely with the South Berkeley YMCA to help educate the community's youth. Students from 2nd to 7th grade come to the YMCA for their after-school enrichment program. HKN ran science demonstrations to bolster interest in science and engineering. The experiments and demonstrations were all ideas that officers, members and candidates developed and carried out themselves. One of the experiments that was run was a potato gun to help explain the physics of projectiles.



HKN Candidate John Torous does a demonstration for the kids at the YMCA.



San Francisco Zoo Volunteer Day

The Mu chapter woke early in the morning for a hard day's work at the San Francisco Zoo. The San Francisco Zoo has monthly volunteer days for the community to help out with various Zoo maintenance related tasks. About 30 HKNers came out to help out with various chores in the zoo. After a short dance aerobics warm up,

we split up into a few groups to

start working. Some groups filled a trench for a new sprinkler system, some pulled weeds, and some planted plants. Everyone pitched in and had lots of fun. People from many different backgrounds worked with us, including animal biologists who filled us in on cool facts about the Zoo and the animals.



HKN Candidate Tony Wu helps out the San Francisco Zoo by filling in a hole.



HKN Candidate Scott Beamer works diligently filling up a deep trench.

HKN Perk:

The Mu chapter got free admission to the Zoo for all their hard work.



Candidates, members, and officers ride the Zoo Train.



Cal Day

On Cal Day, prospective freshmen and their parents visit UC Berkeley to get a taste of what the university and EECS department are all about. HKNers lead tours around Cory Hall, home of our EECS department. They answer questions ranging from difficulty of classes to life as an EECS major, while showing visitors the labs, classrooms, and unique features of Cory Hall such as the Microlab. Cal Day visitors also had the chance to see class projects such as autonomous racing vehicles from engineering design courses.



HKN president Tina Dong carefully answers any questions these parents might have.

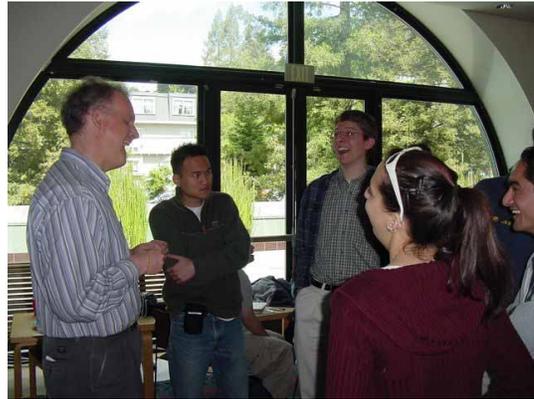
Prospective Student Tours

Besides Cal Day, HKN also gives individual prospective student tours around the EECS department buildings upon request. During such a tour, an HKN officer will show the student the instructional labs and answer any questions he or she might have about EECS.



Faculty Mixer

Is the Berkeley faculty approachable? Come to our faculty mixer and find out! The Mu Chapter arranged two student-faculty mixers during the year. Students had a chance to talk to their professors on a personal level about topics inside or outside of class. Students and faculty benefitted from gaining a greater understanding of each other due to the mixers.



Prof. Hilfinger's humor delights a crowd of students.

Faculty Lunch

During the spring semester, various EECS student groups, including HKN, are given the chance to present undergraduate concerns about the department to the faculty at the EECS faculty retreat. This year the department decided to have the presentation at the faculty lunch, months before the retreat. Despite the short notice, HKN managed to survey more than 25% of the EECS population (~260 samples) and put together a quality presentation in less than a week. Among the topics brought up were courses, academic requirements, and life as an EECS undergraduate.

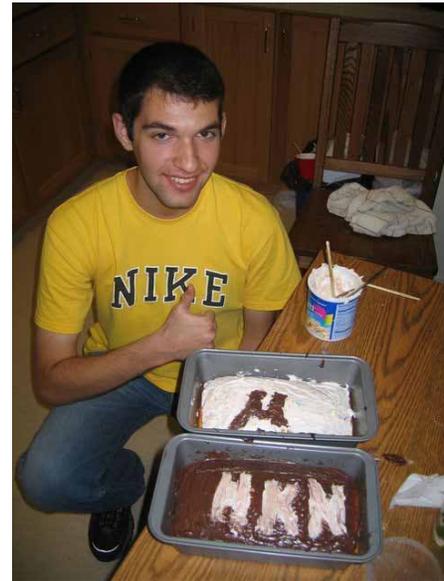


Staff Appreciation Bakeoff

To appreciate the EECS department staff's continuing support for HKN, HKNers biannually bake cupcakes and cookies for our favorite staff members. Although most of us are not experts in the art of cooking, it is the thought that matters.



Got MOS?



HKN candidate Victor Feldman proudly presents the HKN cake.

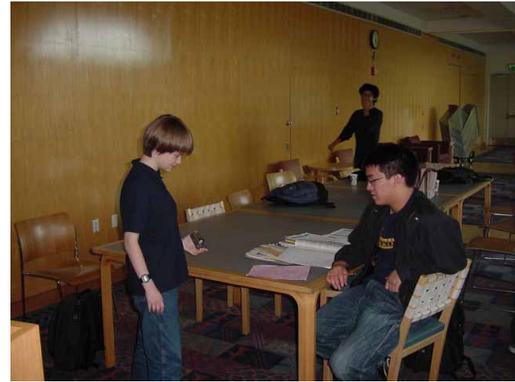
Faculty Interview

HKN is often invited to faculty interviews to give input representing the students. HKN representatives attend the faculty candidate talks and are also given a slot to interview the candidate. In the past year, HKN interviewed three candidates and provided valuable feedback to the department in an effort to maintain the high standard of undergraduate instruction.



Peer Advising

At a large university such as Berkeley, it is easy for students to be confounded by the complex course requirements and the multitude of classes available. To alleviate their confusion, HKN offers peer advising sessions, in which senior students answer questions about professors and courses, as well as give any general advice on college life. At these sessions, students learn the aspects of classes that their professors would never tell them, while enjoying some soda and pizza.



HKN officer Tanya Gordeeva helps the lower classman plan out his next four years.



Sleepless and starving students are hungry for food after spending 24 hours in lab.

sugary donuts. This past semester, HKN recieved a grant from Google so that we could provide even more food to the student body.

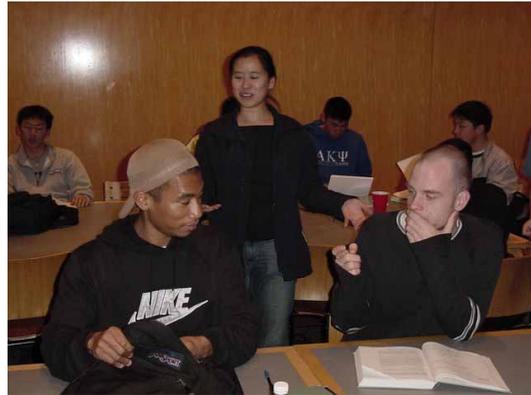
Donut/Pizza Run

Being students ourselves, HKN knows the great anxiety that fellow EECS students experience as they are bombarded with project deadlines and hefty examinations. To help relieve students of the pressure, we periodically have late night Donut Runs or Pizza Runs before major project deadlines so that students can take a break from their studies and enjoy the sweet comforts of



Study Sessions

To improve our services to the EECS students, this year HKN offered a new service - study sessions. These are informal sessions where students in lower division classes come to ask any questions they have about the course before midterms. HKNers who are experts in their respective fields answer questions and provide tips for solving problems. All students benefited from study sessions.



HKN president Tina Dong helps students in lower division communication class to study for their midterm.

Workshops



HKN officer Dustin Li and a few other HKN candidates give a presentation on study skills for the lower classmen.

Besides providing academic tutoring, HKN also arranges various workshops to prepare the EECS students in other aspects. They vary from study skill workshop to resume workshop to “N Things You Need to Know About Grad School workshop. These workshops are either given by speakers experienced on the topic or prepared by HKN members.



CS GRE Review Sessions



HKN member Brandon Ooi gives several comprehensive reviews on computer architecture during the spring semester.

Each year, numerous Berkeley students take the Computer Science GRE examination in hope of admittance to the graduate school of their choice. In the fall, HKNers ran review sessions to prepare for the exam. Systems, computer architecture, compilers, and theory were among the topics covered.

New Student Orientation

The Mu Chapter held several orientations to welcome incoming freshmen and transfer students. At the orientations, faculty was invited, and ice cream or pizza was served. We also informed the new students of the many services we provide to aid and improve their new lives as EECS majors.



Ice cream eating contest during an ice cream social for 2004 incoming students

Ice cream eating contest winner:
Mu Chapter President Fall '04
-Vu Nguyen



Graduation Reception

Whenever graduation rolls around, all of us here at the Mu Chapter find it to be a bitter-sweet moment. Continuing students from our chapter worked with the EECS department to hold a reception on Bechtel Terrace as a way to show our appreciation and support for all the hard work that graduating EECS students have put into their college careers. Faculty and students, along with their families, reflected on the past and talked about future plans over sparkling cider, fruit and snacks.



Class of 2005 and their HKN friends

Tutoring

Tutoring is one of the most important services HKN provide to the EECS student body and the department. Each officer is available for 2 hours a week in one of our offices in Soda (the Computer Science building) or Cory (the Electrical Engineering building); together, they provide free tutoring for both introductory and advanced courses from 10 AM to 4 PM five days a week. Before midterms or homework deadlines, our offices are always packed with students eager to get a better understanding of the materials. Mu Chapter tutors also frequently take on individual tutoring requests outside of regular tutoring hours to help individuals who need personal attention.

Tutoring Statistics:

Mon-Fri 10am-4pm Cory & Soda Hall

Manpower per week: 60 hours

Total hours per semester: 960 hours



Exam Files

STUDENT SERVICES

Online Exams

This section of the server has literally hundreds of pages, so, although most aspects should be as missing graphics, or have a suggestion for the site, please mail examfiles@hkn.eecs.berkeley.edu are looking for online, we have many more in our paper exam files which can be checked out from 345 Soda, Monday through Friday, 10 am - 4 pm.

Electrical Engineering

3000-2001 EE Prerequisite Chart

Legend:
 - Green box: Prerequisite
 - Red box: Corequisite
 - Blue box: Elective

One of HKN's academic services consists of our collection of past exams in many EE and CS courses. HKN members are asked to donate any exams that they may have. Both physical and online copies of exams and solutions are available to the public. For many students, doing old exams online is their main method to study for midterms and finals. Our archives extend back to the late 1980s.

Online exam archive:
<http://hkn.eecs.berkeley.edu/student/onlineexams.shtml>

Course Surveys

At the end of each semester, HKN conducts surveys for each EECS course. Students evaluate their professors and teaching assistants on several criteria, such as their style of presentation and approachability. Additionally, they note how much work the course required, how fast the pace was, and how worthwhile the experience was overall. After the department processes surveys, we enter the results into our online database, which provides listings that date years back. For many students, the HKN course survey is the bible for choosing classes. As for the professors, it helps them to improve their teaching ability.

STUDENT SERVICES

Electrical Engineering Faculty

This list contains only faculty which have taught classes within the past 4 years. 5

Rating	Faculty
5	Anantharam, Venkat
5	Abouvid, David T.
5	Ayoub, B.
5	Babal, Ahmad
5	Birdsal, Charles K. (Ned)
5	Bokor, Jeffrey
5	Boser, Bernhard
5	Brayton, Robert K.
5	Broderson, Robert W.
5	Cagdass, B.
5	Chang-Hassain, Constance
5	Chuang, Nathan W.
5	Chua, Leon O.
5	Conolly, S.
5	Darenzo, Stephen E.
5	El Chaou, Laurent
5	Fearing, Ronald S.
5	Gustafson, Ture K.
5	Henzinger, Thomas A.
5	Howe, Roger T.
5	Hu, Chenmin

Online Course Surveys:
<http://hkn.eecs.berkeley.edu/student/CourseSurvey/>



To be an effective student organization, Mu chapter must reach outside its own members and the EECS department. To do this, we work to maintain strong bonds with our alumni, other engineering societies, and the EECS industry. For our alumni, we hold Alumni Appreciation Dinners at the beginning of each semester. It is a night to share memories, reveal traditions, and pass stories down to the new generation of Mu chapter. Our Student Relations Committee works to build relations between societies by coordinating various events. These events ranged from broomball to swing dancing. Our Industrial Relations Committee, in addition to holding the 5th Annual EECS Career Fair, began a new partnership with the UC Berkeley Career Center to co-sponsor the Just-In-Time Career Fair. Along with planning two career fairs, Industrial Relations Committee also brought in 12 infosessions/tech talks for the year.



Outreach *-W-* Alumni

Alumni Appreciation Dinners

The Alumni Appreciation Dinners held at the beginning of each semester can be thought of as a passing of the torch. Alumni return from hundreds of miles away for one night to let the newly elected officers in on the ins and outs of being a Mu chapter officer. It is a night to share memories, reveal traditions, and pass stories down to the new generation of Mu chapter. The Alumni Appreciation Dinner also is a chance to acknowledge the alumni for their past contributions. For Fall the Alumni were taken to TGIF in Oakland, and for Spring the Mu chapter visited Tony Roma's in Jack London Square.



Officer and alumni share stories while a future HKN member eats.



Rousing debates left most attendees enthralled.

Outreach *-W- Alumni*

Alumni Broomball

Another Mu chapter tradition is the biannual Alumni broomball game pitting the current officers against the alumni and candidates. The two face off on the frozen tundra of Oakland Ice to win bragging rights for the rest of the semester.

The fall game began with a quick strike from the officers, but was followed by two quick goals from the alumni. The ending of the game was left in some doubt with the officers putting a goal into the net as the buzzer sounded. Final score was disputed.

The spring game continued the history of close battles between officers and alumni. The officers were thirsty for victory and hungry for glory. The alumni/candidates team held their ground for a while with some advanced weaponry (space age brooms) the team ultimately succumbed to the officers' zeal and lost by one point (3 - 4). Regardless of the outcome, members of both teams had a great time.



The final score was on the board, though it was disputed.



Furious action around the net kept the game interesting.

Alumni Broomball Scores:
Fall Game: 2-2 Tie
Spring Game: 4-3 (Officers win)

Outreach *-W-* Intersocietal

UPE Broomball

Broomball with Upsilon Pi Epsilon (The CS Honor Society) has become a semesterly event to strengthen the friendship between officemates.

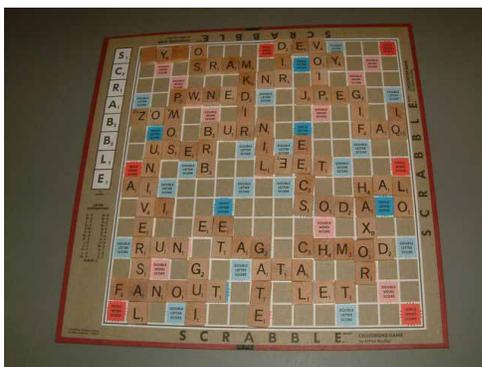
Fall: HKNers and UPE duked it out on the ice in a fun-filled game of broomball. After a fast-paced hour of broomball action, the HKN team triumphed over the UPE team 3 to 1. Although we should probably add that HKN members made up half of the UPE team (including our president and VP)...

Spring: With our ten-year office contract with UPE ending, we, of course, needed to win this game before signing another contract. Even with the aid of 5 of our talented players, UPE still lost by 2 points. Final score 4-2.



HKN and UPE Members crowd around the ball in an attempt to score.

Board Game Night with AUWICSEE



Only EECS majors could come up with a Scrabble board like this.

HKN hosted a board game night together with AUWICSEE (Association of Undergraduate Women in CS and EE). Games played include Simpson's Monopoly, Poker, Settlers of Catan, Risk, Twister, Scrabble, and Go. Both societies ended up with a fun-filled night and many new friends.

Outreach *-Mu-* Intersocietal

Bowling with IEEE

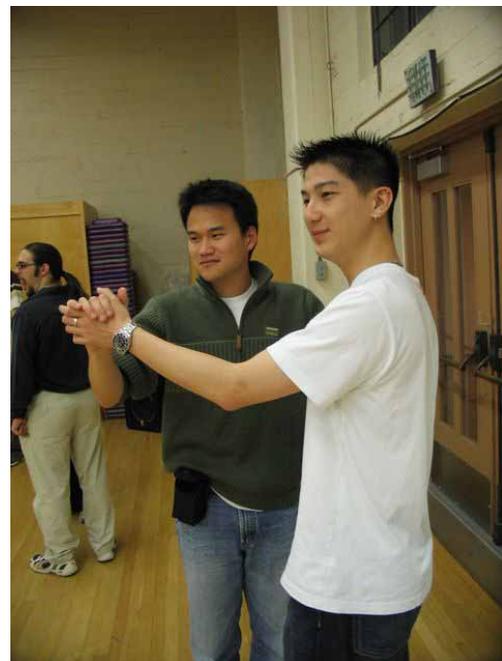


HKN and IEEE members watch the pins fall.

HKN and IEEE, being the two largest EECS societies, decided to team up for a bowling event at Albany Bowl. Members and Officers from both societies sported smooth bowling shoes and tested both their brawn and finesse at the game of bowling. A rare few did some mathematical calculations and utilized the laws of physics to try to get an XXX turkey to appear on the scoreboard. Meanwhile, others decided to hone their hand-eye coordination by heading over to the bowling alley's arcade.

Intersocietal Tango

In between midterms, Mu chapter members found time to take a tango lesson in Hearst Gym with IEEE and AUWICSEE. Even with a society of women engineers, the EECS guy to girl ratio reared its ugly head forcing two male HKN officers to partner up. As a result one of the guys ended up only learning how to dance as a girl. In spite of this, it was an enjoyable event and everyone learned how to do the basic tango to music.



HKN members try to figure out who leads in this partnering of guy with guy.

Outreach -/W\- Intersocietal

HKN vs TBP Soccer

An all-EECS soccer team assembled by Mu Chapter took on Tau Beta Pi's team of engineers one Sunday afternoon at Willard Park. Right from the start everyone put in their best effort. There was lots of body contact but both sides maintained good sportsmanship and watched out for each other. The game was close, with HKN one point ahead in the final minutes. TBP came back with an equalizer just a few minutes (so they said) before the clock ran out. Since the game was tied, golden goal was used to decide the victor. With great teamwork between candidates, officers and members, HKN won the match with a beautiful 'double goal' going between both the goalie's legs and the posts.



HKN officer Donny Winston makes a move to get around TBP's defenses.

Outreach *-M-* Industry

Tech Talks/ Infosessions

One of the most important parts of Mu Chapter's Industrial Relations work is the Tech Talks that it sponsors. Mu Chapter brings in EECS companies from around the country to describe their industry, their company, and the projects they work on. Tech Talks allow Mu Chapter to show its hospitality to recruiters in industry and give students an opportunity to find jobs or internships. This year was a record year for Mu chapter with 12 different presentations keeping Industrial Relations Committee members busy from start to end. Some highlights from the year are:



Apple: Apple came to give a talk about what it's like to work for the company. One representative spoke about the software aspect of Apple, and the other talked about the hardware side. At the end of the presentation, the representatives opened up the new G5 for display, showed students the insides of a 2nd gen iPod, and exhibited some prototype design sheets for attendees of the talk to look at.

Yahoo: Mu Chapter hosted a Yahoo! Tech Talk in which various Yahoo! employees and former UC Berkeley graduates talked about exciting new projects at Yahoo! and their personal experiences while working at the company. Afterwards, students and tech talk speakers chatted about careers at Yahoo! over some good Thai food.



Outreach -/M- Industry

Amazon: HKN hosted an Amazon tech talk so that EECS students could hear more about what it's like to work at Amazon. They were also treated to descriptions of some actual projects in progress in the company. Finally, Amazon raffled a nice iPod away and entertained additional questions students had.



VMware: There was a big turnout of EECS undergraduates (and some graduate students) for the VMware infossession hosted by HKN. The VMware representatives explained in some detail how virtual machines worked and listed the benefits and applications of simulating a complete computer system in software.

PalmOne: HKN alumnus, Gagan Prakash, representing PalmOne gave a talk on what PalmOne does and how it's like to work there. After a presentation on the various products and jobs available at PalmOne, a palm pilot was raffled off at the end.



Microsoft: Seven Cal alumni working at Microsoft gave an informal infossession. They talked about the working environment in Microsoft. Some of the things mentioned were Microsoft's huge library, company sponsored master degree, etc.

Outreach *-Mu-* Industry

5th Annual EECS Career Fair

On the day of the 5th EECS Annual Career Fair, 34 companies gathered for an opportunity to recruit the top students in the fields of EE and CS. This 5th edition of the fair was the first that Mu chapter partnered up with the Career Fair. The partnership was brought on by a mutual desire to reduce the number of career fairs on campus and provide a single, unified front to employers. The Career Fair was held for the first time



Students had the chance to talk one-on-one with recruiters from top companies like Apple.

on the Engineering side of Campus in Bechtel Hall. The change in location was made to allow greater access for Engineering students who happen to live to the north. Employers were situated on two floors while Industrial Relations volunteers ran back and forth to keep the fair running smoothly. Laser pens, tri-color-blinking-light-pens, and the Ben Franklin nodding dolls were amongst the most popular freebies.



HKN officer Alan Wei checks in students as they enter the career fair.

Some of the companies that attended were:

- Accenture
- Apple Computer
- Cypress Semiconductor
- HP
- Intel
- Lockheed Martin
- National Security Agency
- Oracle
- Rambus
- Raytheon
- SBC
- TiVo
- VMware
- Volterra
- Xilinx
- Yahoo!

Outreach *-Mu-* Industry

Just-In-Time Career Fair



HKN officer Stephenie Leung takes food to hungry recruiters.

The Just-In-Time Career Fair was a new event to further the partnership between the Career Center and Mu Chapter. Mu chapter was the main sponsor for the tech day on Wednesday. The Fair brought not only EECS companies, but all kinds of Engineering companies to benefit the students of Berkeley. The Fair was specifically scheduled for companies looking for summer hires and internships. HKN's Just in Time Career Fair attracted numerous companies and herds of students. Many of the representatives attending the fair were themselves Berkeley, and even HKN, alumni. Mu chapter's volunteers received rave reviews from employers, career center staff, and even the catering staff. The work of the Industrial Relations Committee solidified a partnership with the Career Center and was a valuable experience for employers and students.

ship with the Career Center and was a valuable experience for employers and students.



Attendance was high and students waited diligently to speak to recruiters.

Some of the companies that attended were:

- Cisco
- Citrix
- Homestead Technologies
- Honeywell
- Lam Research
- Marvell
- Maxim Integrated Products
- PalmOne
- Raytheon
- Riverbed
- SanDisk
- Silicon Storage Technology
- Yahoo!
- Zone Lab



Mu chapter values its members above all else, for without them HKN would be unable to serve the EECS community. Members of the Mu chapter form close friendships that go far beyond the casual acquaintances formed in typical interactions during EECS classes and events. Strong social connections are vital to the chapter's ability to work together for service and outreach.

Members of the Mu chapter participate in a vast number of social activities on a regular basis, such as pickup games, food excursions, and game and movie nights. Events allow members to get to know each other better, build and strengthen friendships, and simply relax and have fun. Furthermore, the consistently high attendance at all of Mu chapter's many events is a testament to the chapter's members' commitment to the organization; members value HKN events highly and so make time to attend them while still pursuing a demanding major and meeting outside obligations.



Game Nights

“Kill him!!” Don’t be shocked to hear such things during HKN video game nights. With games like Street Fighter, Mario Kart, Smash Brothers, Halo, Katamari and Soul Caliber 2, members and candidates get a chance to relax and interact socially on a sweat-free, fun-filled night of video games.

Of course, the Mu Chapter also enjoys traditional board games. During board game nights, we play our long-neglected family games such as Monopoly, Scrabble, Risk, and Settlers of Catan. Everyone had fun putting game theory into real practice.



Video game night is one of HKNers’ favorite activities



Sahand Negahban and Stephen Wu spell out the most absurd words in a game of Scrabble.



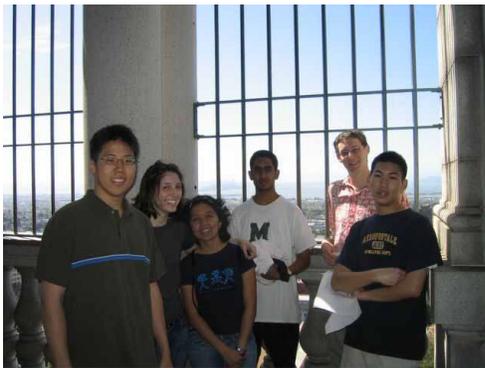
HKN member, Amy Wu enjoys the free ice cream that HKN provided.

Ice Cream Socials

Amongst our most popular events, ice cream socials bring a whole new meaning to “chilling out”. These gatherings are excellent opportunities for members and candidates to come together for some mingling and dessert after a busy day at school. They are usually held at the local ice-cream or gelato parlors, where participants get to pick their favorite from a myriad of fun flavors such as black sesame and Ferrero Rocher®.

Photo Scavenger Hunt

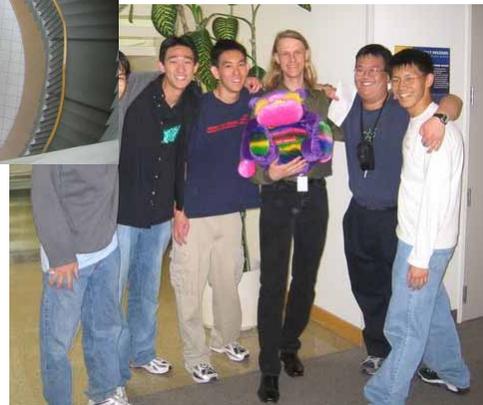
Photo-Scavenger Hunt is a long-time tradition of HKN Mu Chapter - similar to the conventional scavenger hunt but with a modern twist. The hunt involves several competing groups of members and candidates going to the right places on campus and taking pictures that satisfy the given clues. Lasting 2 hours, this event requires both intellect and stamina from participants, as the numerous clues are scattered all over the sprawling, hilly Berkeley campus. This year, we emphasized action clues such as spell out HKN with your bodies. As a reward, candidates and members return to a hot barbeque lunch at the end of the hunt, during which the judges review each team's handiwork to determine the final winner.



Take a picture on the highest place on Berkeley campus



Staircase that leads down to the earth



Who's your favorite professor?



Potlucks and Barbecues

HKN Mu Chapter knows very well that EECS students love free food as much as ones and zeros. One of two major HKN mixer events, potlucks are held once each semester, drawing in large throngs of both members and candidates with the promise of free home-cooked food. Officers are tasked with bringing the chow, often whipping up their best, most interesting dishes in an effort to wow the crowd with their culinary prowess. Officers with less cooking expertise sometimes buy food from elsewhere



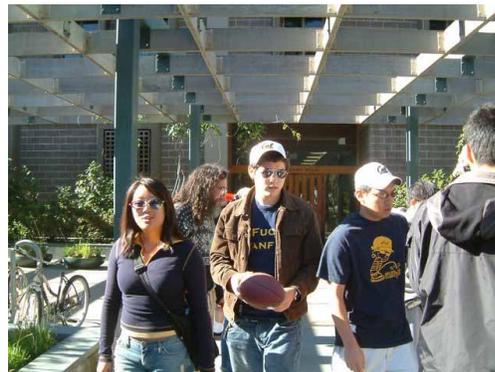
HKN Member Alex Rasmussen entertains the crowd of candidates with his fascinating story.

– almost a tradition, officer Vu Nguyen brings his trademark Chocolate Motherlode Cake from the restaurant Claim Jumper.



Mu Chapter President Tina Dong is trying out foods prepared by her peers.

HKN also often holds barbecues outside Soda Hall, usually before home football games. At these events, the general EECS population are invited and may mingle, eat and make full use of the volleyball sand courts behind Soda Hall.



Before the big game against our archrival Stanford, HKN holds a BBQ for the entire EECS community.

Dancing



HKN candidate Robert Liao is having a fun time learning swing dancing.

Since HKNers are stereotyped as geeky nerds, the Mu Chapter makes an effort to change the stereotype. In the course of the year, HKN takes its members to several different dancing lessons: swing dance, tango, and Irish dance. It has not only taught HKNers a valuable skill, but also gave guys a chance to meet girls, a rarity in EECS.

Botanical Garden Walk

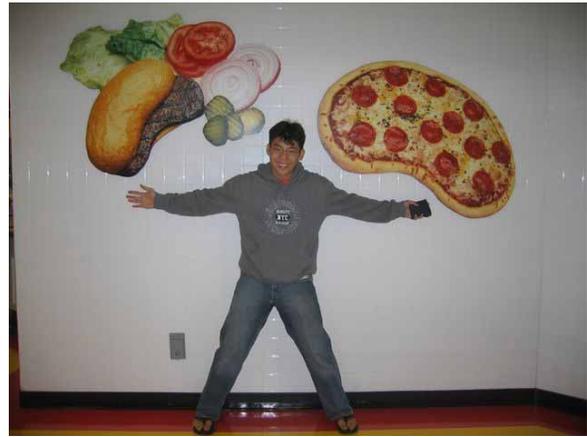
Taking a break from sitting in front of computers all day, HKN embraces nature. During a walk in the UC Botanical Garden, candidates and officers get a chance to see something they don't get to see everyday.



A group picture of all the people at the walk

Factory Tours

Members of the Mu chapter were treated to three extra special events this year: tours of Jelly Belly, the Anheuser-Busch beer and Scharffen Berger chocolate factories. With descriptions like "the most beautiful scene I've ever seen" (as described by one alum), it's clear that the factory tours were huge hits. The tours featured two beer bottling and packaging lines and all of the big machinery used to make every individual jelly bean or chocolate. Those of legal drinking age enjoyed free samples of beer and those of legal chocolate-and-candy-consuming age enjoyed all the free samples of chocolate and jelly bean they could handle. Favorites included roasted garlic, very cherry



HKN officer Alan Wei is overjoyed seeing the mural made of jelly beans.



HKN candidate Bowen Li ponders over how chocolate is made out of these bitter pieces.

and butter popcorn, and booger for jelly bean; the milk chocolate, honey and citrus chocolate, 82% dark chocolate, and 99% dark chocolate for chocolate.

Sports

To some people's surprise, many HKNers are talented athletes. The Mu chapter gives them many chances through out the year to demonstrate their skills. Various sports are played on all kinds of fields, including soccer, football, volleyball, ping pong and even dodgeball.



Spring '05 vice president Sahand Negahban shows great talent in soccer.



To get hit or not to get hit? That is the question.

Capture the Flag



Capturing the flag is really fun at night, when it's all dark...

Capture the Flag has been a traditional HKN game for several years. Participants are divided into two teams and each team is required to roam several acres of campus territory in an effort to locate and steal their opponent's flag. Games are usually played after sunset, where darkness makes things more unpredictable. These tactical games are an exercise of strategy, orienteering and teamwork and are all in all, excellent ways for strangers to break the ice.

HKNlympics

With the onset of finals, many HKN members were looking for a way to destress while still keeping their heads in the game. Enter: the HKNlympics. Held at the gorgeous Cesar Chavez Park at the Berkeley Marina, the HKNlympics provided a pre-finals mindrinse that let members cut loose, if only for an afternoon. Teams competed in such distinctly EECSy events as a relay racing as electrons flowing around a circuit, forming equivalent resistances using their bodies as 5-ohm resistors, and dispatching instructions as a CPU. After the rounds of exciting competition, the athletes sat down to a lunch of tasty burgers.



The Security team in their security uniform.



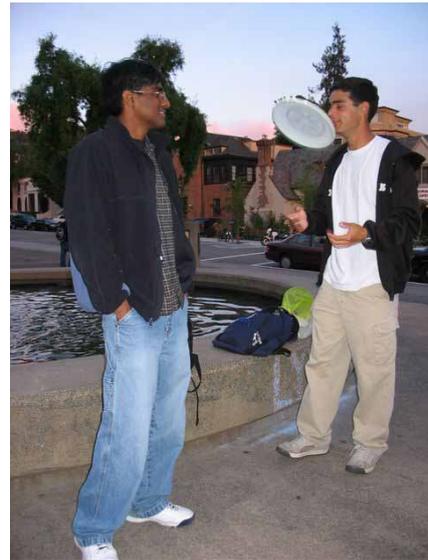
HKN candidate Ryusuke Fujita and member Ellen Zeng try their best to simulate recombination of an electron and a hole.

Games Played:

- Resistor Run
- Electrons and Holes
- CPU Instructions
- Equivalent Resistance

Frisbee Golf

Q: What do you get when you mate frisbee with golf?
A: A long walk around campus and a sore arm. But wait, there's more: candidates and officers got to practice different types of throwing skills (in the darkness of the night so no one could see if they messed up). The shortened course started out at the fountain at Bancroft & College and ended with Sather's head on the campanille. Thanks to HKN candidate Scott Beamer for teaching frisbee golf to the others.



HKN candidates, Chandra Penke and Scott Beamer are having a conversation before frisbee golf starts.

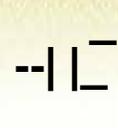




With the many events Mu chapter puts on, it can be easy for members to lose sight of the greater whole of HKN. In our general meetings, members, officers, and candidates come together to hear the latest news with respect to the chapter and catch up with members they don't normally meet. Candidate meetings and committee participation additionally guide candidates through the pledge process. Of course, we finish off the semester with our traditional initiation and banquet. Tradition and change come together to create an ever-improving Mu Chapter.



Official Business



General Meetings



Professor Chenming Hu gives a talk about the semiconductor industry during the first general meeting of the Spring 2005 semester.

Three general meetings are held each semester, giving all of HKN's members and candidates a chance to socialize and hear chapter news. During a typical general meeting, members and candidates are reminded of upcoming events and a guest speaker, often an EECS professor, gives a talk on topics relevant to the HKN membership. Speakers share their experience or speak about interesting projects they are involved in. Afterwards, the chapter socializes over a meal. Generally, candidates request and

complete challenges (often puzzles or ice-breakers) during this time. Some show off special skills, such as adeptness with soccer balls or musical talents, while others interact with officers to discover fun historical facts about the Mu Chapter.

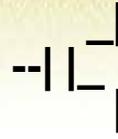
General Meeting Speakers:

Prof. Michael Gastpar
Prof. Carlo Sequin
HKN alumni, HotorNot.com founders, Jim and James
Prof. Chenming Hu
Lecturer Dan Garcia
Prof. David Messerschmitt



Various candidates, officers and members converse over a delicious meal at a general meeting.

Official Business



Candidate Meetings



HKN candidate Chris Pennello has a friendly chat with officer Casey Ho.

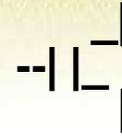
Candidates may learn about HKN and the chapter's requirements through email notices and the Mu chapter website, but the candidate meeting is where the candidates meet officers and members in person. As a result, they experience firsthand the character and dedication of HKN members. Officers also address practical issues and clarify any questions regarding candidate requirements.

Officer Meetings

To run HKN effectively and efficiently, the officers meet for weekly meetings. These meetings often involve planning for various events, sponsorships, or career fairs that will happen during the semester. Other topics of discussion include the new candidate class and the Mu chapter's budget. These meetings are usually conducted more formally than the other meetings and involve serious discussions. This is the organizational backbone of HKN.



Official Business



Officer Retreat

A vital part of HKN is a close connection between the people within it. Officers must feel comfortable interacting with each other in an official and a non-official setting. This is why the semesterly officer retreat takes place. At the beginning of each semester, officers take a weekend off to attend the retreat at an off-campus location. This year, both retreats took place at Lake Tahoe. Upon arrival, many fun group-building activities were played and people got to mingle in a non academic environment.



Various HKN officers have fun in the snow.

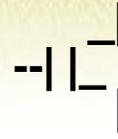
Chapter Elections



The newly elected Spring 2005 semester officers after the chapter elections.

To ensure the survival of the Mu chapter, officer elections take place every semester. The elections are held the day after initiation and banquet. Here, potential officers are given the opportunity to speak on current HKN issues and their promising visions of HKN's future. Old officers provide invaluable advice gained from their experience while the new officers provide renewed spirit and novelty in their ideas.

Official Business



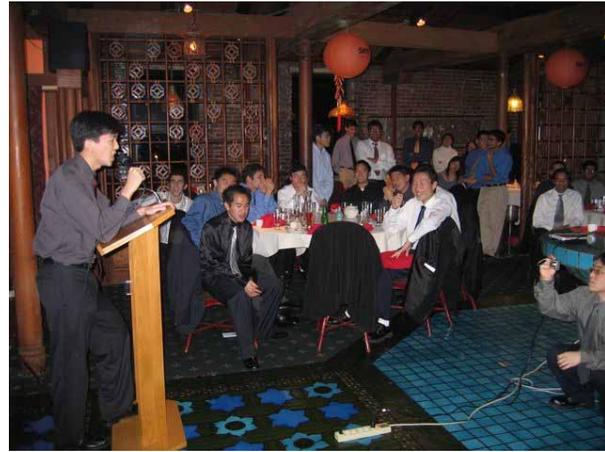
Initiation and Banquet



Spring Vice President Sahand Negahban presents initiate Chris Penello with an award for his outstanding performance for the Spring 2005 semester.

Initiation is the culmination of all the hard work a candidate puts in throughout the semester. The new members join a long list of distinguished HKN members. After the initiation ceremony, the Mu chapter celebrates the culmination of another successful semester at a local Bay Area restaurant. Awards were given out to officers, members, and new initiates for exemplary service and commitment. The Bridge committee of each semester produces a slideshow of the semester's events, which is shown at the

banquet. This year, the banquet was held in San Francisco's own Ghirardelli Square at The Mandarin restaurant during the fall semester, and at The Purple Onion, also in San Francisco, during the spring.



Fall Vice President Isaac Seetho gives an awe-inspiring speech at the Fall 2004 semester banquet.



New initiates for Fall 2004 semester.

2004-2005 Initiates

Fall 2004

Noaa Avital
Albert Chang
Andy Chen
Jeff Chen
Tiffany Cheng
Yeu-Ting Cheng
Victor Feldman
William Goldshlag
Horia Hristu
Wen Hsu
Tingting Huang
Nicholas Hwang
Sameer Iyengar
Ankit Jain
Joseph Jing
Sinan Kabak

Mangesh Kulkarni
Fan Lau
Peter Lau
Allen Lee
Stephanie Leung
Aaron Levitan
Kevin Li
Robert Liao
David Marquardt
Naren Raghavan
Alex Rasmussen
Rohan Relan
Lexin Shan
David Tung
Chengcheng Wang
Tracy Wang

Leonard Wei
Eric Wong
Kevin Wu
Yongchuan Zhang
Yuntao Zhou

Spring 2005

Scott Beamer
John Breneman
Aditya Bubna
Kevin Chao
Eric Cheung
Jeffrey Chou
Andrew Dahl
Kenneth Duong
Sarah Beth Eisinger
Diana Fang
Ryusuke Fujita
Phuong Huynh
Anjali Koppal

Bowen Li
Charlie Liu
David Liu
Jonathan Liu
Deepa Mahajan
Rhesa Nathanael
Nalinichandra Penke
Christopher Pennello
Udam Saini
Aaron Staley
Eudean Sun
John Torous
Harsha Tummala

Adarsh Uppala
Khanh Vu
Stephen Wu
Tony Wu
Peter Yu

Calendar of Events

Fall 2004

August

August 25 New Students Ice Cream Social

September

September 4-6 Fall 2004 Officer Retreat
September 9 New Student Orientation
September 11 Pre-Game BBQ
September 14 Alumni Appreciation Dinner
September 15 Amazon Talk
September 16 Ice Cream Social
September 30 Candidate Meeting

October

October 4 N Things You Need to Know
About Grad School
October 5 The 5th EECS Annual Career Fair
October 5 Apple Tech Talk
October 12 Miniature Golf
October 13 General Meeting 1
October 14 Board Game Night with
AUWICSEE
October 14 EECS Telebears Peer Advising 1
October 16 Trailhacking XXI
October 17 Photo Scavenger Hunt
October 20 EECS Telebears Peer Advising 2
October 21 Broomball with UPE
October 21 Bridge Dinner
October 26 CS GRE Review Session 1
October 27 VMWare Infosession

October 27 CS GRE Review Session 2
October 28 Bowling with IEEE
October 20 Second Pre-Game BBQ

November

November 2 General Meeting 2
November 3 Study Skills Workshop
November 4 Alumni Broomball
November 5 Tutoring Lunch
November 8 Board Game Night 2
November 10 Yahoo! Tech Talk
November 11 Jelly Belly Factory visit
November 13 Potluck
November 14 Dodgeball
November 15 Berkeley Food and Housing Project
November 16 Donut Run
November 17 Staff Appreciation Bakefest
November 18 General Meeting 3
November 19 Iceskating
November 20 Pre-Big-Game BBQ
November 20 Girls Go Tech
November 22 Swing Dancing with AUWICSEE

December

December 2 Video Game Night
December 5 Breakfast at Brewed Awakening
December 5 Football
December 7 Ice Cream Social 2
December 11 Fall 2004 Initiation and Banquet
December 12 Spring 2005 Officer Elections

Calendar of Events

Spring 2005

January

January 21-23 Spring 2005 Officer Retreat

February

February 6 Super Bowl Potluck Party
February 10 Alumni Appreciation Dinner
February 11 Ultimate Frisbee at Memorial Glade
February 17 Ice Cream Social
February 22 Candidate Meeting
February 22 Microsoft Infosession
February 23 Amazon Infosession
February 24 VM Ware Infosession
February 26 Botanical Garden
February 27 Basketball Game

March

March 1 PalmOne Infosession
March 1 General Meeting 1
March 1 EE20/40 Study Session
March 2 "Intersocietal" Tango
March 5 Anheuser-Busch Factory Tour
March 6 Soccer: HKN vs TBP
March 6 CS61c Study Session
March 10 Boardgame Night 1
March 10 Bridge Dinner
March 12 SF Zoo Volunteering Work
March 12 Potluck
March 13 Berkeley Art Museum
March 16 Movie Night
March 27 Music Festival
March 28 Capture the Flag

March 30
March 31

General Meeting 2
Telebear Peer Advising

April

April 2
April 5
April 5
April 6
April 7
April 7
April 11
April 13
April 13
April 15
April 16
April 17

Photo Scavenger Hunt
EE20N Study Session
Donut Run
Boardgame Night 2
Telebear Peer Advising 2
Alumni Broomball
Irish Dancing
Faculty Mixer
Movie Night II
Friday at the Y
Cal Day
Scharffen Berger Chocolate
Factory Tour
Just in Time Career Fair
General Meeting III
UPE Broomball
Staff Appreciation Bakeoff
Comedy Night
Frisbee-Golf
Video Game Night
HKNlympics

April 20
April 21
April 21
April 24
April 25
April 27
April 28
April 30

May

May 4
May 4
May 6
May 7
May 7
May 8

Ice Cream Social 2
Google Pizza Run
Last OM of the Semester
Spring 2005 Initiation
Spring 2005 Banquet
Fall 2005 Election

Mu Chapter Officer Corps

Office	Fall 2004	Spring 2005
President	Vu Nguyen	Tina Dong
Vice President	Isaac Seetho	Sahand Negahban
Treasurer	Jin Luo	Tracy Wang
Corresponding Secretary	Tina Dong	Chris Crutchfield
Recording Secretary	Ellen Zeng	Angel Chao
Bridge Correspondent	Alan Wei	Li Li
Bridge Correspondent	Tanya Gordeeva	Noaa Avital
Bridge Correspondent	Li Li	Hobart Sze
Bridge Correspondent	Shi-Hua Teh	
Department Relations	Dustin Li	Robert Liao
Alumni Relations	Victor Perez	Joe Jing
Student Relations	Joyce Liang	George Cheng
Industrial Relations	Hua Xu	Naren Raghavan
Industrial Relations	Jessica Leung	Stephanie Leung
Industrial Relations	Casey Ho	Sameer Iyengar
Industrial Relations	Imran Haque	Mangesh Kulkarni
Industrial Relations	Ta-Ming Shih	
Exam Files	Peter Wu	Casey Ho
Exam Files	Hobart Sze	Tanya Gordeeva
Tutoring	Wonsop Sim	Leonard Wei
Tutoring	Connie Huang	
Publicity	Angel Chao	Isaac Seetho
Publicity	Wei Liang	Chris Lai
EJC Representative	Nikita Shah	Dustin Li
EJC Representative		Andy Chen
Activities	Sahand Negahban	Donny Winston
Activities	Robert El-Soudani	Kevin Li
Activities	Josh Chang	Ting-ting Huang
Computing Services	Chris Crutchfield	Nam Mai
Computing Services	Juhi Saha	Imran Haque
Computing Services	Nam Mai	
Student Advisor		Hua Xu
Student Advisor		Jessica Leung
Faculty Advisor	Prof. Anant Sahai	Prof. Anant Sahai

Office Tutors:

Fall: Philip Godoy, Kevin Lin, Rach Liu, Donny Winston, Steven An, Vincent Liu, Yangfan Wang,
David Lin, Jack Chu, Kevin Lu

Spring: Jonathan Liu, Alan Wei, Philip Godoy, Kevin Lin

Mu Chapter Time Sheet

Service Events	Work Hours	Fun Hours	New/Continuing	Semester
Welcome Week	10	0	Continuing	Fall & Spring
Workshops	10	0	Continuing	Fall & Spring
EECS Class Study Sessions	60	0	New	Spring
Peer Advising	100	0	Continuing	Fall & Spring
Donut Runs	6	6	Continuing	Fall & Spring
Student-Faculty Mixer	12	12	Continuing	Fall & Spring
CS GRE Review Sessions	4	0	Continuing	Fall
Baking for Staff Appreciation	50	0	Continuing	Fall & Spring
E-Week	15	2	Continuing	Fall & Spring
Berkeley Food and Housing Project	100	0	Continuing	Fall
Girls Go Tech	20	0	New	Fall
YMCA	30	0	New	Spring
Cal Day Tours	40	0	Continuing	Spring
Trailhacking	60	0	Continuing	Spring
SF Zoo Volunteer Day	60	120	New	Spring
EECS Graduate Reception	16	0	Continuing	Spring
Exam Files	200	0	Continuing	Fall & Spring
Tutoring	1920	0	Continuing	Fall & Spring
Faculty Lunch	80	0	Continuing	Spring
Course and Professor Surveys	260	0	Continuing	Fall & Spring
Faculty Interview	8	0	Continuing	Fall & Spring
GSI Awards	5	0	Continuing	Fall & Spring
Total Hours	3066	140		

Outreach

EECS Career Fair	200	0	Continuing	Fall & Spring
Corporate Infosessions	300	0	Continuing	Fall & Spring
Alumni Broomball	2	100	Continuing	Fall & Spring
Broomball vs. UPE	5	50	Continuing	Spring
Soccer/Basketball vs. TBP	3	30	Continuing	Fall & Spring

Mu Chapter Time Sheet

Intersocietal Tango	5	20	New	Spring
Alumni Appreciation Dinner	10	240	Continuing	Fall & Spring
Alumni Database and Newsletters	25	0	Continuing	Fall & Spring
Total Hours	550	440		

Social

Ice-Cream Socials	2	200	Continuing	Fall & Spring
Video Game Nights	4	240	Continuing	Fall & Spring
Minigolf	3	70	Continuing	Fall
Board Game Nights	2	200	Continuing	Fall & Spring
Capture the Flag	3	200	Continuing	Fall & Spring
Sports	10	200	Continuing	Fall & Spring
Botanical Garden Walk	3	30	New	Spring
Potlucks & BBQs	100	300	Continuing	Fall & Spring
Photo Scavenger Hunt	50	150	Continuing	Fall & Spring
Factory Tours	10	200	New	Fall & Spring
Dancing	8	50	New	Fall & Spring
HKNlympics	10	180	New	Spring
Total Hours	205	2020		

Official Business

Initiation and Banquet	110	700	Continuing	Fall & Spring
Officer Elections	1000	0	Continuing	Fall & Spring
Officer Retreat	20	1900	Continuing	Fall & Spring
Candidate Meeting	30	300	Continuing	Fall & Spring
General Meetings	200	1400	Continuing	Fall & Spring
Officer Meetings	800	0	Continuing	Fall & Spring
Online Yearbook	60	0	Continuing	Fall & Spring
Annual Report	50	0	Continuing	Fall
Total Hours	2250	4300		

Total work-hours: 6,071

Total fun-hours: 6,900

Total hours: 12,971

Credits

Design and production:

Fall 2005 Bridge Committee

(Sarah Beth Eisinger, Mangesh Kulkarni, Li Li, Stephen Wu)

Photography:

Fall 2003 and Spring 2004 Bridge Committees

(Noaa Avital, Tanya Gordeeva, Li Li, Hobart Sze, Shi-Hua Teh, Alan Wei)

Proofreading

Karl Chen, Tina Dong, Diana Fang, Tanya Gordeeva, Daniel Hsu, Francis Hsu, Sameer Iyengar, Aaron Jow, Dustin Li, Alex Rasmussen, Shi-Hua Teh, Donny Winston, Alan Wei, Huachang Xu, Ellen Zeng

Special Thanks

Tina Dong, Isaac Seetho, Alan Wei, Ellen Zeng

