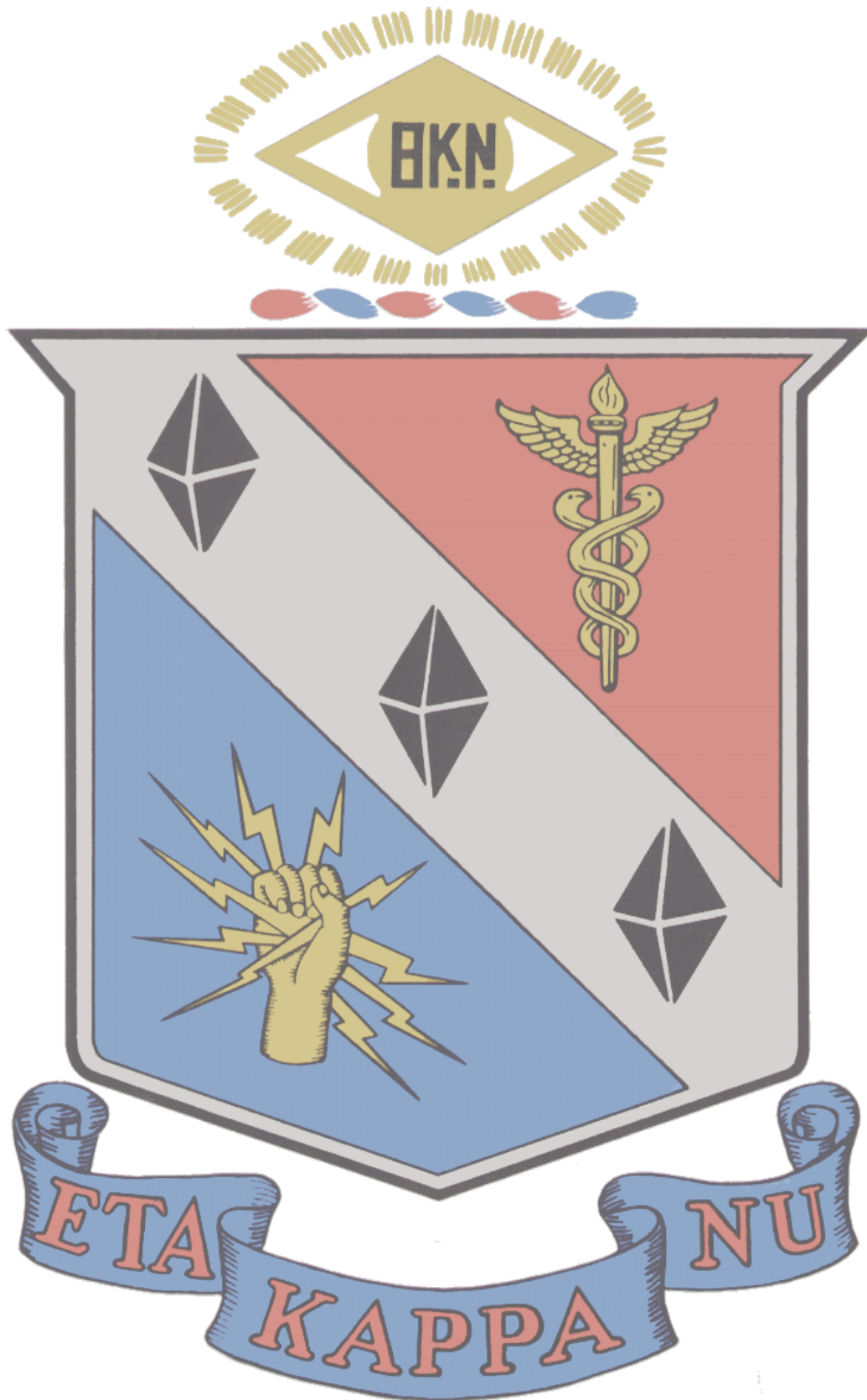


Eta Kappa  
Nu  
Mu  
Chapter  
2010-2011  
Annual  
Report





# **Eta Kappa Nu, Mu Chapter:** Annual Report, 2010-2011

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## **Alex Sun**

Mu Bridge Committee, Fall 2011

## **Daiwei Li**

Mu Bridge Committee, Fall 2011

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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 2010-2011 school year. Our chapter is one of the most active groups on Berkeley's 36,000-student campus. In addition to maintaining the numerous services that our chapter has traditionally provided, including tutoring, making available an online collection of exam files and administering department course surveys, we also continually strive to expand the range of activities and services in which we are involved.

This past year, we selected a few specific goals to tackle in order to further improve our chapter. One of the goals of this year was to improve member participation. We continued the concept of committee members to increase our core work force beyond 30 officers after seeing the increased productivity it has brought to our organization over the last few semesters. Members joined the Tutoring, Industrial Relations, Activities, Computing Services, Student Relations and Bridge committees in order to assist with the day-to-day tasks required to run the Mu Chapter. This allowed us to expand our Tutoring Committee by providing increased tutoring coverage and more review sessions, strengthen our ties with industry through new collaborations with our Industrial Relations Committee, and provide more services to the Berkeley Community as a whole with new community service events organized by the Services Committee.



For your convenience, we have presented our activities in four 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 with whom we can interact and from whom we may learn: our alumni, other HKN chapters, other Berkeley engineering societies, and industry.
- *Social* — covering social mixers and athletic events held to maintain 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 can skim the first page of each section, or you can read the report in its entirety for a more thorough description of each event. A calendar of our events from the past year is provided in the back for your reference. Mu Chapter cordially invites you to take a look at this report, in the hope that you may understand why our chapter is so well-respected in our department, why our members are dedicated to keeping the chapter so active, and why we continue to grow every year.

Sincerely,

The Fall 2011 Mu Chapter Bridge Committee

Alex Sun

Daiwei Li

Seshadri Mahalingam

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# Service

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Mu Chapter, as an honor society, continued its dedication to the surrounding community this year through many acts of good will. We take pride in our excellent service record, and we realize the importance of enriching the world around us. Mu Chapter strives to uphold our reputation for giving back through community service. For us, that entails helping community interest groups, students, and the EECS department.

For the community, we participated in a project dedicated to preserving the eastern shore of the San Francisco Bay, hosted a children's programming event with one of our lecturers, and helped out with cleaning up a local creek.

For students, we continued to expand our database of exams and course surveys, while holding workshops, tutoring, peer advising, and corporate info sessions to help students not only with their coursework, but also with their future. We also launched a new course guide to help young EECS students plan out their undergraduate career.

For the department, we helped professors recruit bright and interested students for their research groups, in addition to providing baked goods to the faculty as an expression of gratitude.





# SWE Mini-University

---

The Society of Women Engineers organized an all-day event for high school students across the bay area to show them the type of curriculum a university such as Cal can offer. HKN helped by holding two of its own classes lead by Professor Brian Harvey with several HKN members and candidates. Using the simple programming tool Scratch, the HKN instructors guided the high schoolers through basic computer programming concepts such as variables, loops, and even recursion. A few members shared some of their own experiences about both the classes they have taken and the industry internships they have worked. Most of the high school students had a fun time learning and, no doubt, had their interests peaked in both computer science and what a college education can offer.



## Friends of Five Creeks

---

HKN members and candidates volunteered with Friends of Five Creeks, a local organization seeking to protect and restore important watersheds. HKNers got down and dirty as they helped plant native plants along Cerrito Creek, both restoring habits for local wildlife and ensuring cleaner drinking water for the general public.

## Rebuilding Together

---



*Vice President Justin divides the labor between candidates and members*

HKN members worked with Rebuilding Together, an organization created to help low-income families by providing them free home-repair services. On this day, they helped restore a home for a low income family by repainting the walls and ceilings. Many enjoyed rolling up their sleeves and getting messy, which several did, for their community.

## Engineering 4 Kids

---

HKN candidates and officers turned to the gratifying task of educating young children in the miracles of electrical engineering and computer science at E4K. Attracted by displays, such as a hand-made wood-key electronic keyboard and a novel burglar alarm, many kids stopped by and crafted their own EE arts through LED lights or tinkered around with an electric kit.





# Fleet Week/Blue Angels

---

HKN members volunteer in San Francisco during Fleet Week, an annual air show put on by the Navy's Blue Angels. Not only did members enjoy an amazing display from some of America's finest demonstration pilots, they also worked to benefit the elderly by raising money through selling refreshments at the event and helping out with the cleanup.



*Luke proudly sports his volunteer gear at SF's annual Fleet Week event*



## Food Runs

---

The two things you want most when you walk out of a difficult exam are: rest, and some comfort food. HKN is there to provide the latter, often with the help of corporate sponsors such as Qualcomm or Google, who are happy to provide students with much needed sustenance. These snacks range from cookies and juice to pizza.

## Cal Day

---



HKN members volunteered at the school's annual Cal Day: an event geared to introduce prospective students and their parents to what UC Berkeley has to offer them. Members gave tours of the EE and CS buildings and answered questions for the many visitors.

## Renew the Zoo

---

HKN members and candidates traveled to the San Francisco Zoo to join many other volunteer groups to help maintain and restore the zoo. The main task for HKN was to prepare an unused and cluttered area for a new stable which was to be built for two of the zoo's horses. This required pulling weeds, leveling the ground, and shoveling dirt. While the work was physically intense, HKNers had a lot of fun gardening together and looking at the nearby animals. After a morning of work, zoo keepers brought out the horses, along with other animals, to show the volunteers. Some even stayed at the zoo afterwards to enjoy the nice sunny day in San Francisco with cute animals.





## Staff Appreciation Bake-off

---

HKN collected its culinary wits to bake some tasty desserts for EECS department professors. There were brownies, cakes, and cupcakes, all covered in delicious icing. Everything looked and smelled great. Cake designs included a Schmitt trigger and 'foo(d)'.



## Office Hours and Tutoring

---

HKN offers free tutoring for EECS classes during our regularly scheduled office hours from 11am-5pm on weekdays. We help students with lower-division courses and, depending on the tutor at the time, select upper division courses. All of our officers and committee members participate to make this possible.

## Peer Advising

---

With so many classes offered at Berkeley, people often find it difficult to figure out how to optimally plan their college careers. Thankfully, HKN offers peer advising to help fellow students figure out what classes would be most suitable for their interests.



*Bonjern teaches a tutee about op amps during regularly scheduled office hours*



# Underground Course Guide

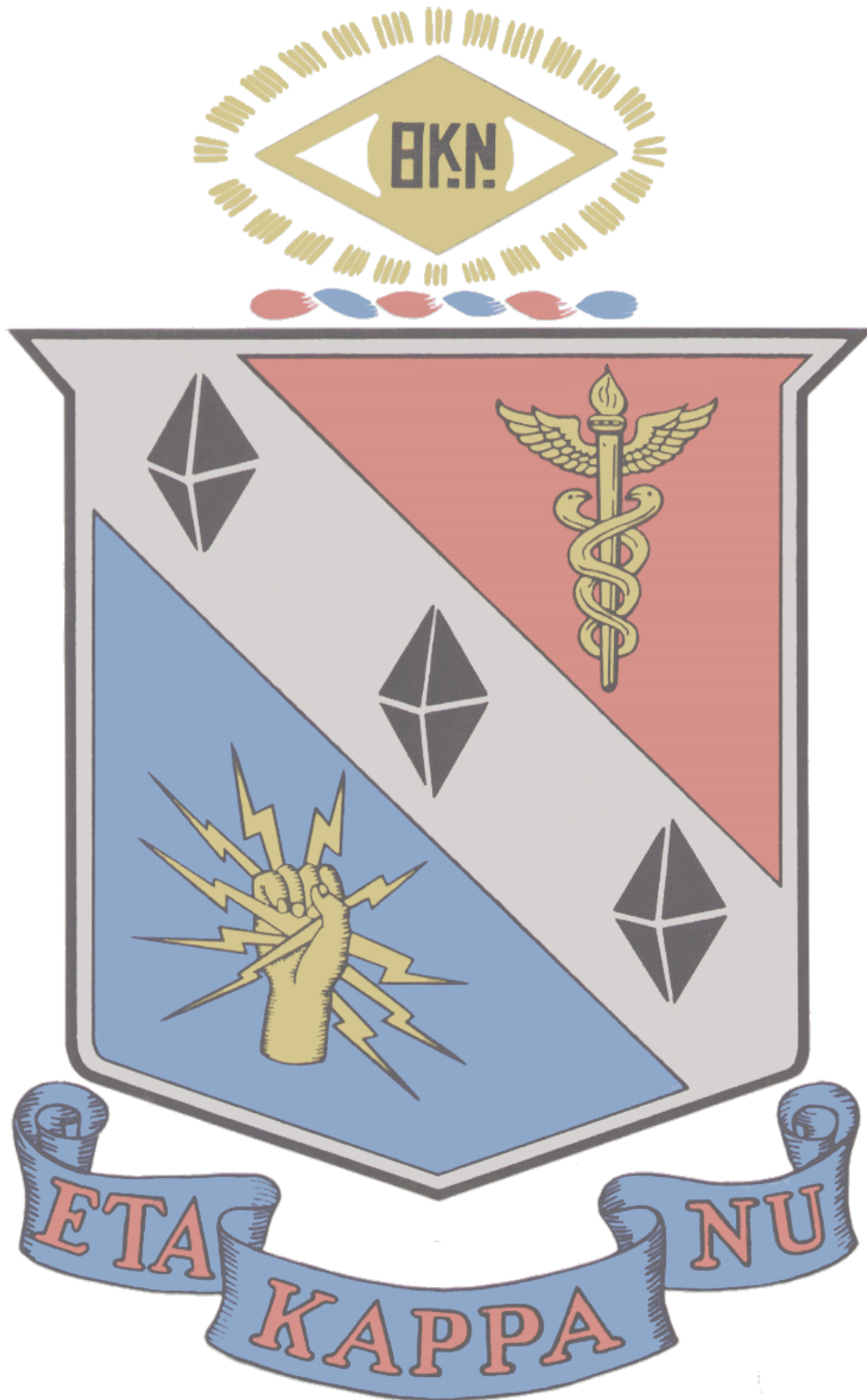
HKN has been working on expanding its underground course guide written by officers and members. This course guide provides students with a personal account of each course from one of their peers and offers insight beyond the course description and prerequisites. The topics of note covered in the underground course guide include:

- What is most important among the material in the class
- What the approximate time commitment for the class is
- When the class should be taken with respect to other courses
- How this class helps with respect to jobs and research
- How this course is related to other courses (which courses to take before, with, and after)

The screenshot shows a web browser window displaying the EE40 course page. The page title is "EE40" and the course name is "Introduction to Microelectronic Circuits". The page is divided into several sections:

- Navigation:** Includes links for Home Page, Community portal, Current events, Recent changes, Random page, and Help.
- Search:** A search bar with a "Go" button and a "Search" button.
- Toolbox:** Includes links for What links here, Recent changes, Special pages, Printable version, and Permanent link.
- Contents (just):** A list of 11 numbered items, including "1 What is Covered in this Class?", "2 What do you think is most important among the material?", "3 What is the approximate time commitment?", "4 Suppose I were a freshman...", "5 How did this class help YOU...", "6 What other courses expand...", "7 What is the coolest aspect...", "8 What is the one thing you would recommend...", "9 What track/category...", "10 Classes that would have helped...", and "11 Additional Comments".
- What is Covered in this Class?:** Lists topics such as Usual Topics, Voltage, current, power, sign conventions, Definition of a circuit, Ohm's Law, Kirchhoff's Current Law (KCL), Kirchhoff's Voltage Law (KVL), Resistors, dependent and independent sources, Nodal and mesh analysis, superposition, Thevenin and Norton equivalent circuits, Capacitors and inductors, Maximum power transfer theorem, First and second order transient circuits, Operational amplifiers, Phasors, time-varying signals, complex impedances, AC steady-state analysis, filters (passive & active), resonance, Bode plots, Digital logic, logic circuits, boolean algebra, Karnaugh maps, Basic semiconductor physics of PN junction, Diodes & applications, MOSFET devices, CMOS logic, and Basic amplifiers, gain, input/output impedance.
- What do you think is most important among the material?:** Lists KVL and KCL, Equivalent circuits (Thevenin and Norton), and Bode plots.
- What is the approximate time commitment? Describe the workload for this class through the semester:** States that the course is approximately one problem set per week for homework, with about 5-10 problems, and that students should probably not take any more than several hours to complete it. It is important to start early on the homework. In addition, there are semi-weekly labs, with each lab usually including a pre-lab requiring some reading and a few preliminary questions. For the last three weeks of the semester, there is usually a final project in lieu of the normal lab. The project is very doable within the time frame, allowing you to add your own features onto it.
- Suppose I were a freshman. When should I take this class w.r.t. to other classes?:** Advises that if interested in circuit design, take this class as soon as you can, but make sure to take Physics 7B first. Ideally, this class would be taken during the first semester of your second year. If you are less interested in circuits, this course can be taken at any time since most courses not in the 130s and 140s will not draw upon this material.
- How did this class help YOU in terms of jobs, internships, and research?:** States that EE40 alone will not be very helpful in getting an internship or research, but the material learned here will be very important to succeed in EE105, which is the first class which might help towards the goal of research or an internship.
- What other courses expand on this particular one?:** States that since this is the introductory physical electronics course, most other EE courses will expand on it. This course actually does not go into any single topic in particular detail but rather covers a plethora of topics, at the expense of having a lot of students not understand the usefulness of the material. If you enjoyed the circuit analysis part of course and are interested more in circuit level design and analysis, EE105 would be a good next class to take. If you're interested in how circuits are actually fabricated and the science behind this, take EE143. If you're interested in how pn junctions and transistors actually work in terms of the physics behind them, take EE10.
- What is the coolest aspect you remember from this class?:** Lists Harry - The coolest thing I think about this class was the project, although be warned the stuff you do for the project is not quite the same stuff you learn if you continue take courses in circuit design (i.e. EE105, EE140, EE141, EE142).
- What is the one thing you would recommend on how to survive this class?:** Advises to keep up with the material. The concepts introduced strongly build on top of each other. For example, if you are not comfortable with basic nodal/mesh analysis by the time the class has moved on to later concepts, you will have a lot of trouble with the circuits encountered afterward. Similarly, you need to know how capacitors and inductors are to be able to understand Bode plots and filters. It is very easy to just plug in values in equations and push aside the intuitive understanding, but doing so will make later classes much harder and will not help you in the long run. In terms of doing well on exams, practice problems are the best way to prepare, as well as going to office hours to ask for help on how to do problems that you don't quite understand.
- What track/category would this course classify under?:** States that this course is a circuits/physical electronics course.
- Classes that would have helped before taking this class?:** Lists Math 1A, 1B, Physics 7B, and EE20 - not needed but helps with steady-state analysis.
- Additional Comments:** States that in terms of circuit design, ee40 doesn't really cover what circuits in the "real world" are used for and exactly how they work. EE40 gives you a good set of tools such as KVL, KCL, transfer function analysis, that are definitely used later on, but there isn't much emphasis on the motivation for learning about circuits and what they are used for. Advises to always with some a little interest in circuits is always recommended to take at least EE105 to not a more reasonable understanding as to what circuit design is really.

A sample page from the Underground Course Guide



# Outreach

Although many of our events are exclusive to HKN members, Mu Chapter consistently looks to form bonds with others outside of HKN. We work regularly with faculty, new and current EECS students, alumni, other societies, and companies. The complexity of these interactions implies that organizing these outreach events exemplifies much of Mu Chapter's character.

Maintaining steady and fruitful external relationships remains critical to our success as an organization. Keeping an open communication channel with our department helps us to preserve our most stringent standards of excellence. Leading companies from the Silicon Valley keep us up-to-date with the current state and happenings in industry. Faculty members supply us constantly with wisdom and knowledge of the fields of EE and CS. Alumni guide us in advancing and maintaining the structure and organization of the chapter. These outside connections help us stay cognizant of the field and allow us to act and react in ways according to reason and good sense.





# Alumni Appreciation Dinner

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*Past president Shervin makes a funny joke at Alumni Appreciation Dinner*

Every semester, Mu Chapter invites its alumni to a nice dinner for a chance to reminisce and chat with old friends. In the Fall, this was held at Romano's Macaroni Grill (where no one, in fact ordered Macaroni) and in the Spring, it was held at Jong Ga House Restaurant. Current HKN members had a chance to catch up and learn about life after college, whether it be industry or graduate school.

## Alumni Broomball

---

Broomball is the most epic showdown of the semester; alumni and candidates take on a team composed of officers and members. The alumni/candidates team was caught off guard in the Spring semester by an officer/member team determined to right all the wrongs of previous semesters. The match ended up being extremely close, with a claimed 4-4 tie by the alumni. Many of those not inclined to solidified water fell victim to some hilarious falls. After a fierce game, hungry HKNers hit up Denny's for some victory grub, because we are all winners.



**Top:** Candidate Allen Xiao gets aggressive in a game of broomball. **Bottom:** Everyone poses for a group picture after a fierce and competitive game



# Intersociety Activities

Mu Chapter members are always happy to interact and socialize with members of other organizations. One such event was Engineering Sports Night, jointly hosted by HKN and Tau Beta Pi, the general engineering honor society. Students left the labs and classrooms behind for a day to show off their athletic skills and represent their student societies in sports such as football, ultimate frisbee, and soccer. Playing sports with other engineers was immensely fun and will definitely be something to look forward to in coming semesters.

HKN also squared off against the CS honor society, UPE, in a couple of matches of Laser Tag. Although Laser Tag isn't as traditional as other sports, members from both societies had immense amounts of fun shooting and chasing each other down with laser guns. Some particularly talented members from both societies also faced off in Dance Dance Revolution.





# New Student Reception

---



UC Berkeley is a large university, and it's easy for new students to get lost. Thankfully, Mu Chapter was present at the new student reception to give new students a helping hand. HKN members introducing new students to all the services Mu Chapter offers to EECS student and answered questions that students had about their classes and requirements, and also offered encouragement for the students to work hard so they might join HKN one day!

## Career Fair

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At HKN's annual EECS career fair, students had the opportunity to meet and impress employers of companies from the Silicon Valley and around the country. Companies that attended included Intel, Google, Microsoft, Facebook and many smaller tech companies from around the valley. Students interacted with recruiters, submitted resumes and also learned more about the companies in general. Students enjoy attending career fairs not only to speak face-to-face with company recruiters, but also to benefit from this important source of free t-shirts.



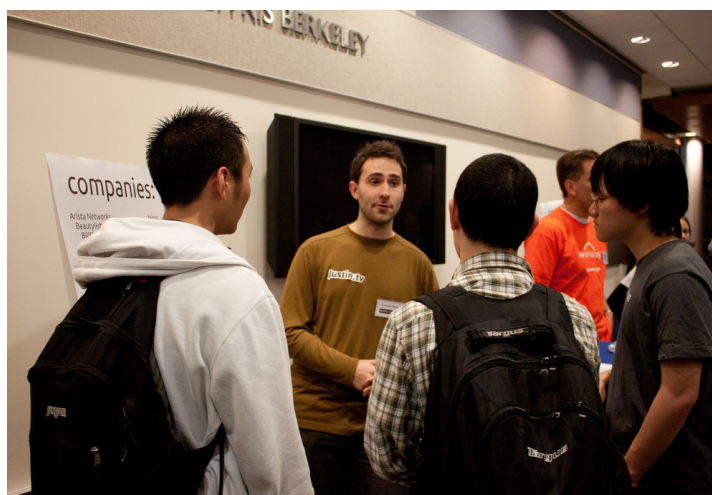


# Startup Fair

This past Spring semester, HKN's industrial relations committee participated in the planning of a startup fair for the first time. This was an alternative career fair to the more general EECS fair, as it was targeted towards smaller companies.

In addition, this past semester witnessed the first time a startup fair panel and mixer were put on. At the panel, students heard about the experiences of several entrepreneurs including Glenn Kelman (CEO, Redfin), Vu Nguyen (CEO and Co-Founder, Beautylish), Mark Ayzenshtat (CTO and Founder, TelApart), and Paul Twohey (CTO and Co-Founder, Trumpet Technologies). Questions were moderated by Vivek Wadhwa, a visiting professor at the UC Berkeley school of information. At the mixer, students got to chat with startup founders and employees in a casual setting.

The panel and mixer were followed with a full-blown career fair the next day, in which students were free to drop off resumes and discuss prospective employment opportunities with startup employees and founders.



# Company Infosessions

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In addition to participating in the campus career fairs, many companies looking for electrical engineers or computer scientists also choose to host infosessions with HKN. These allow companies to reach out to interested students and to go into more detail on their products and opportunities than typically possible at a career fair.

Infosessions are usually held around dinner time so that students can drop by after classes to learn about the company presenting and grab some complimentary dinner.



*Lockheed Martin representatives inform students about job opportunities with their company*

## Industry Tech Talks

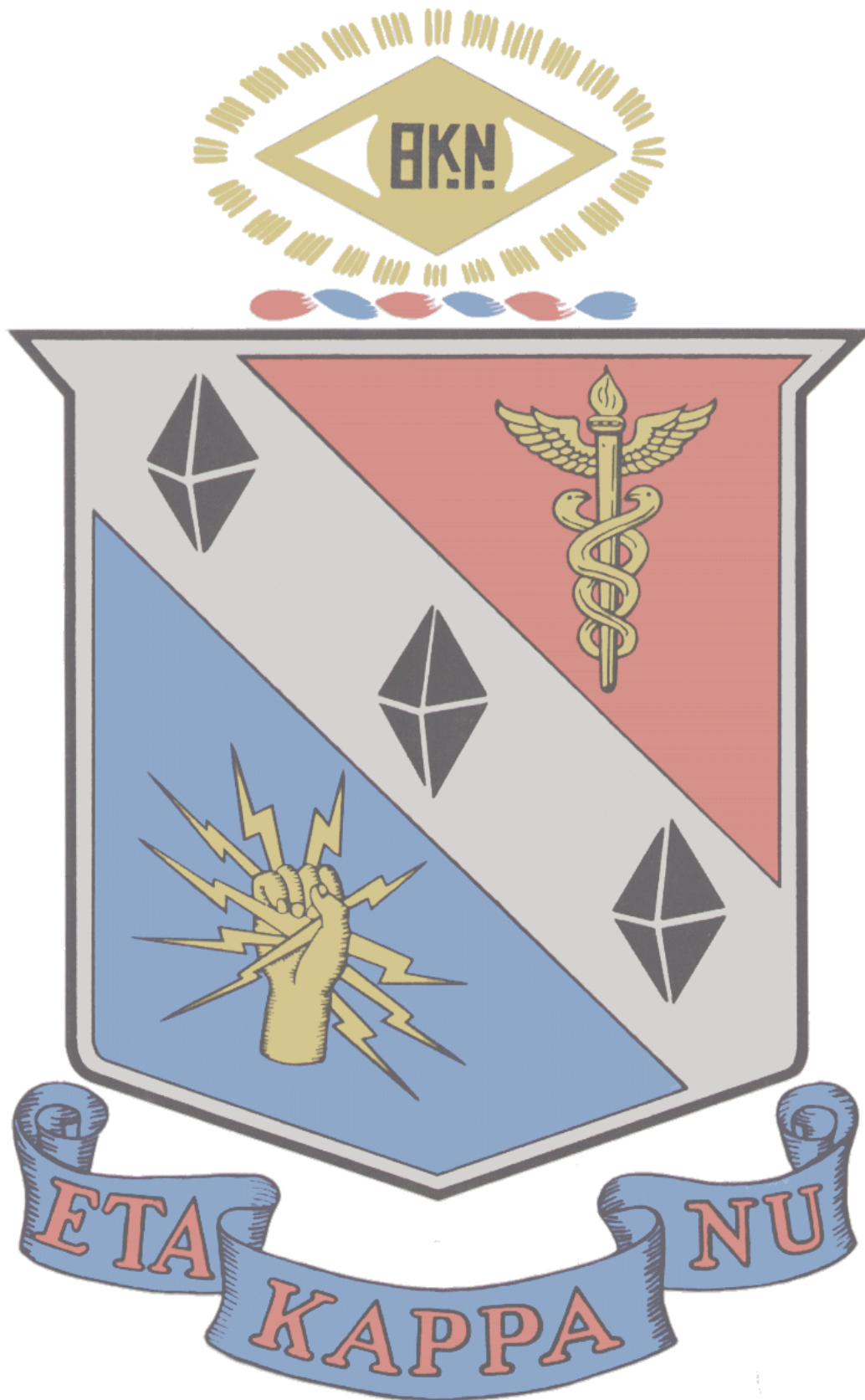
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Besides recruiting during infosessions, companies also like to present on some of the technical challenges that they face. Last year, companies such as Google, Microsoft, and Qualcomm, among others, came to give talks about the technology behind their newest innovations. These tech talks give more insight about what students who join these companies would actually work on.



*A Facebook engineer speaks to a crowd of students about their advertising infrastructure*







# Social

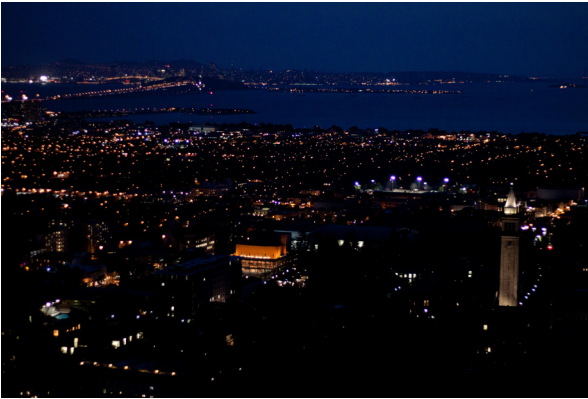
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Friendship has always been key to Mu Chapter's coherence as a society, so we like to make sure that whatever we do, we have a good time doing it. This year, officers organized events not only to strengthen existing friendships, but also to forge new ones, helping to keep Mu Chapter one of the most active and close-knit groups on campus.

Many of our events centered on simply hanging out and enjoying each others' company in the presence of good food. HKNers would often get together for a much needed ice cream hangout or a potluck. Other relaxing activities included movie night and rock climbing.

Other social events involved bouts of friendly competition or team collaboration. Whether proving one's skill at video or board games, working together while playing flag football, or striving to complete the tasks in a scavenger hunt, HKNers had fun and grew closer over the year.





## Big C Hike

---

One night each semester HKN members take a nighttime hike up to Berkeley’s famous “Big C” hill in the northeast of campus, home to a giant stone letter “C”. Although the hike is certainly tiring, members that make it to the top are rewarded with magnificent views of the San Francisco bay and hot chocolate. A lot of candidates use this event as a chance to take a break away from their studies.

## Game Night

---

Berkeley students work hard and play hard, and HKNers are no different! We make sure to have a couple game night socials every semester to enjoy each other’s company while playing classic card and board games like poker, Scrabble and of course, Magjong. Those of us who can’t be bothered to leave our computer even to play games play video games like Left 4 Dead



*Top right: Tony, Ryan, Brandon, and Paul engage in an intense game of Mahjong at a game night*

*Bottom right: Akash, Ian, and Ed slaughter zombies together in Left 4 Dead*



# Bowling

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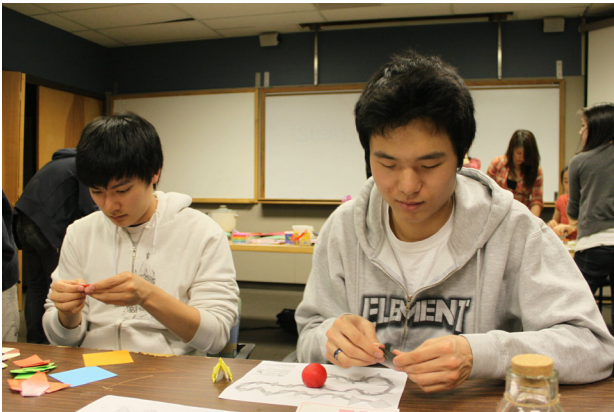
HKN members, candidates, and alumni went bowling in Pinole during Spring semester. They had three lanes and played three games. There were bowlers of different levels, from beginners to experts, but all had a good time regardless. The Vice President successfully bowled his age and another member sent a bowling ball flying backwards. Snacks were served and some went to the nearby In-n-Out afterward for a late night treat.



# Crafts and Sushi Night

---

HKNers gathered together to show off both their culinary and artistic talents. Crafts included clay sculptures, charcoal paintings, drawings, and origami. Standouts included a charcoal painting of another HKN member, a fence with animals made of origami and clay, necklaces, and sushi!



# Fenton's

---

Mu Chapter makes a pilgrimage each semester to Fenton's Creamery in Oakland, where many attempt the Fenton's Challenge: eating three pounds of ice cream in twenty minutes. Through mutual encouragement, strength of will, and God-like sweet teeth, many accomplish the task and are rewarded with a T-shirt as a prize.





## Ice Skating

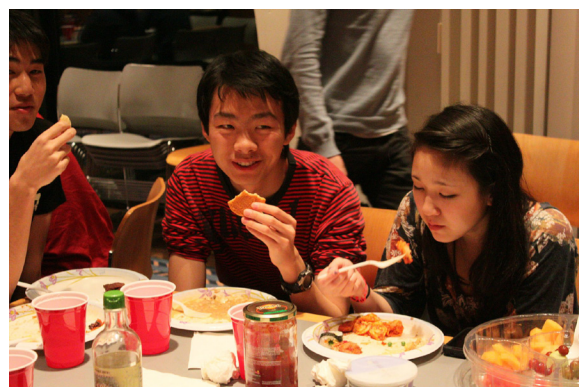
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Within the frigid confines of the Oakland Ice Center, candidates, members, and HKN officers alike gathered to struggle staying upright on the ice. Many succeeded, few failed, and of those who did fail, we wish them better luck next time. In the end, people got proficient enough to participate in skating in a V-shape formation like a jolly flock of birds.

## Potluck

---

We had two potlucks this past year, one at the beginning of each semester. These events offered members a chance to share some of their best and most exotic dishes and a chance to meet with other members before the busy school semester began.



## Movie Night

---

HKN watched two movies together this past year, one of which was “Source Code”, a movie in which no actual source code was involved. HKN candidates later went on to make a parody of the trailer for “Source Code” involving real source code.





# Photo Scavenger Hunts

---

HKN organizes perhaps the greatest biannual test of intellectual wit and physical prowess ever known to the human race, the Photo Scavenger Hunt. Participants were sent on a mystical quest to discover the greatest truths, a four-page text their only clues, their minds their only obstacles. Teams scrambled across the Berkeley campus for a good three or four hours searching for obscure items.



## Picnic

---

April found Berkeley's Codornices Park housing a pack of HKNers picnicking and frolicking. Frisbees and footballs were thrown, as were water balloons, though with considerably less success and amazingly, more embarrassment. This past semester also saw the diabolical combination of the three-legged race and the wheelbarrow race: the uncreatively named "three-legged wheelbarrow race".





## Pumpkin Carving

---

HKNers went full out around Halloween, dedicating an entire evening to carving masterpieces out of pumpkins. Creations involved the necessary but predictable HKN insignia, as well as more intricate designs like a Pikachu, and even the character from “All Your Base Are Belong to Us”.

## Rock Climbing

---

HKN members got together to go rock climbing at Berkeley Ironworks, where they received belay lessons, which allows them to obtain a day pass and gear to scale the walls. People teamed up in pairs, alternately holding the rope and climbing up the rock-studded cliffs.





# Candidate Officer Sports Day

---

HKN officers and candidates gathered at a nearby park for some friendly sports and healthy exercise. The sports played include football, ultimate frisbee, and basketball. Due to the lower than expected turnout of officers, we couldn't statistically determine who the better athletes were. Nonetheless, everyone had a good time being outside.



# Pi Night

---

In recognition of the number pi, and the deliciousness of pie, HKN enjoyed a number of pies on 3/14. These included store bought pies and crazy homemade creations, including one chocolate bacon whipped cream pie.

# Casino Night

---

Participants in HKN's casino night put their counting and probability skills to a worthy cause. Amidst the feast and the lights, members played out mankind's perennial struggle to keep its head above water, and had great time doing so.







## Beach Bonfire

---

Tired of spending all their Friday evenings coding in Soda or doing problem sets, HKN went on a trip to the beach to have a bonfire at the beach in SF. Firewood was brought over to build a fire, which became very intense as people started adding stimulants to it, including lighter fluid. People roasted marshmallows and other assorted eats over the fire.



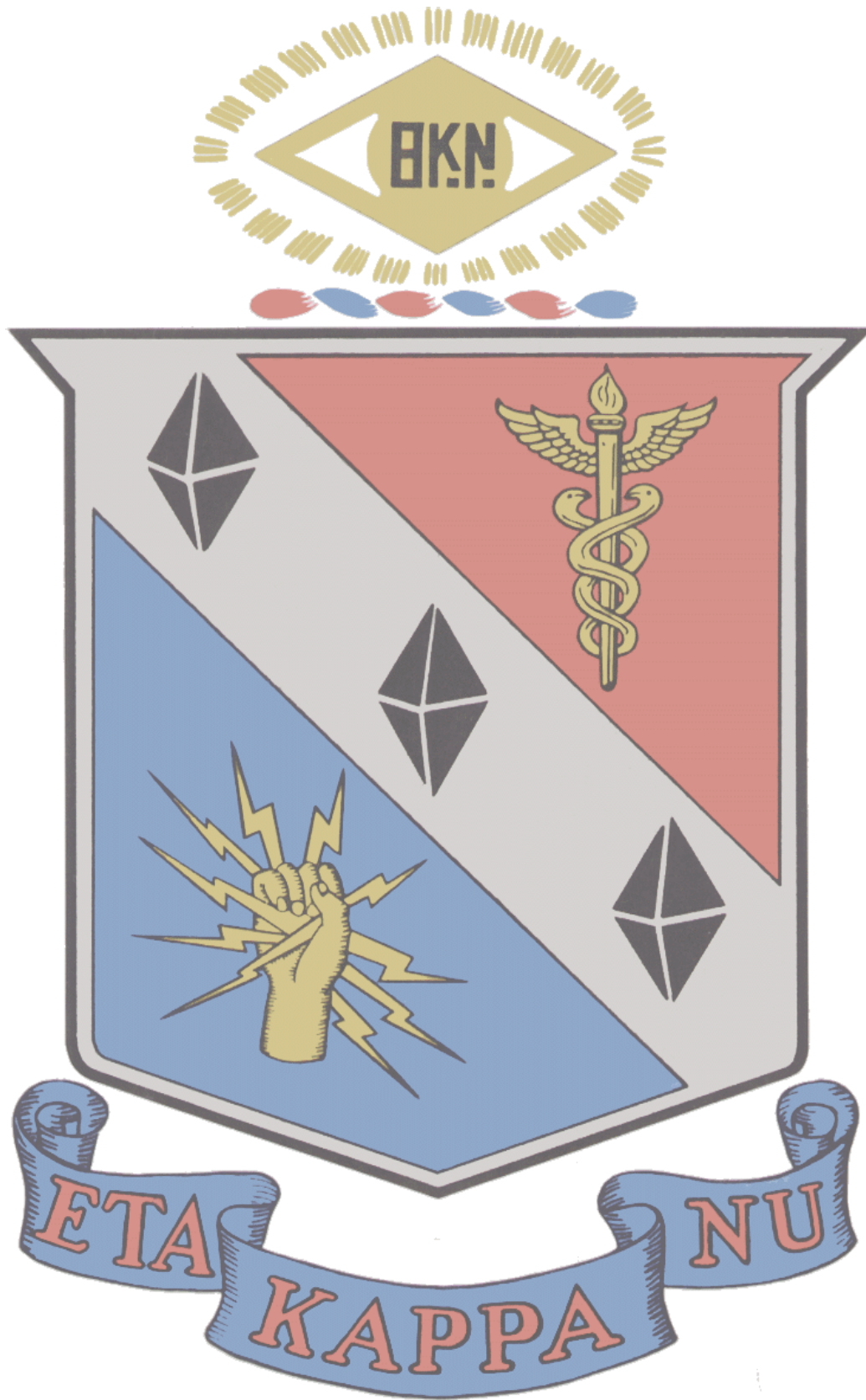
## Lunch with the Pres

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Members and candidates got to enjoy the company of their president, the man, the myth, the legend, Conor Hughes (in Fall) and Richard Xia (in Spring) for lunch in downtown Berkeley. Most of the time was spent eating authentic Berkeley food and talking on steps behind the respective restaurant. Members also regaled the candidates with interesting and humorous stories from the past.







# Official Business

Even though Mu Chapter offers several fun and exciting events throughout the year, official business remains an important and crucial part of the Mu Chapter community. Officers meet weekly to plan and organize a wide range of events, as well as discuss official business. These discussions later are announced at General Meetings, where candidates and members convene not only to get updates about upcoming events and recent achievements, but also to form new friendships or renew old ones. Other events such as initiation, banquet, and retreat allow members to bond with new initiates and to celebrate the beginning or end of another fun filled semester.





# Retreat

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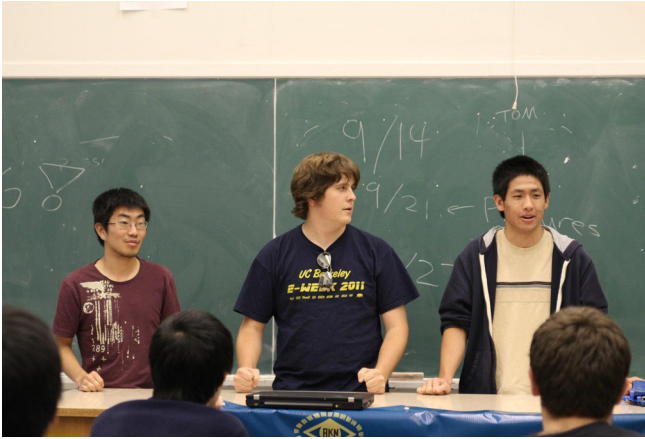
At the start of every new semester, HKN officers, new and old, travel together to a location far from the Berkeley campus for a weekend retreat. Designed to encourage teamwork and strengthen friendships, this event, which is meticulously planned by our Activities committee, is filled with an abundance of delicious food, fun games, exciting activities, and warm laughter. A strict rule of no computers and no homework ensures that officers will take their minds off the stress of school and concentrate on enjoying the company of fellow HKN members. Whether playing board or video games, telling each other hilarious stories, or partaking in the traditional game of “Mafia,” members always come away from the weekend with both memorable moments and feelings of optimism for the new semester.

This year’s Fall Semester retreat was held in Twain Harte, a remote area in the woods of Northern California, with easy access to a lake. In the spring, retreat took place at Tahoe, California where members enjoyed snowball fights, and a day of fun by the lake.



# HKN Meetings

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The officer and committee members of Mu Chapter gather every week to organize and plan HKN events including infossessions, socials, community service, and anything in between. Officers use this meeting to discuss important issues concerning the Mu Chapter community and brainstorm new ideas for future events. Different committees also use these meetings to share information and coordinate with each other, allowing the officer corps to work smoothly and efficiently.

## General Meetings

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Apart from HKN meetings, where HKN officers and committee members gather to plan upcoming HKN events, there are also monthly General Meetings (GMs) in which all HKN members are kept to date. The vice-president reviews the events of the previous month while announcing events for the upcoming month. Candidates also entertain Mu Chapter members with performance challenges, or use this meeting to ask officers to suggest challenges. We also invite a guest speaker from the EECS department to talk about their ongoing research. GMs are a way to catch up and find out what is going on in HKN, learn about an interesting topic of research, and of course, enjoy a free dinner.





# Initiation and Banquet

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Finally, a semester full of rewarding and exciting events comes to an end, and our candidates are ready to become full-fledged HKN members. Candidates sign the membership book and receive certificates signifying their statuses as fully inducted members of HKN.

New and old members alike then head out to a banquet at a classy restaurant to celebrate a semester of hard work, and to officially welcome the newly inducted members. We reward and recognize outstanding candidates and officers with certificates and a hearty round of applause. We also take a humorous look back at the past semester through the Bridge-created end of the semester slideshow, which includes pictures and original video shorts. Banquet and initiation are both very fun events and something to look forward to at the end of a tough semester.

During Fall semester, the banquet was held at Elio's, a family restaurant in San Leandro, while Spring semester banquet was held at Palio d'Asti, an upscale Italian restaurant in downtown San Francisco.

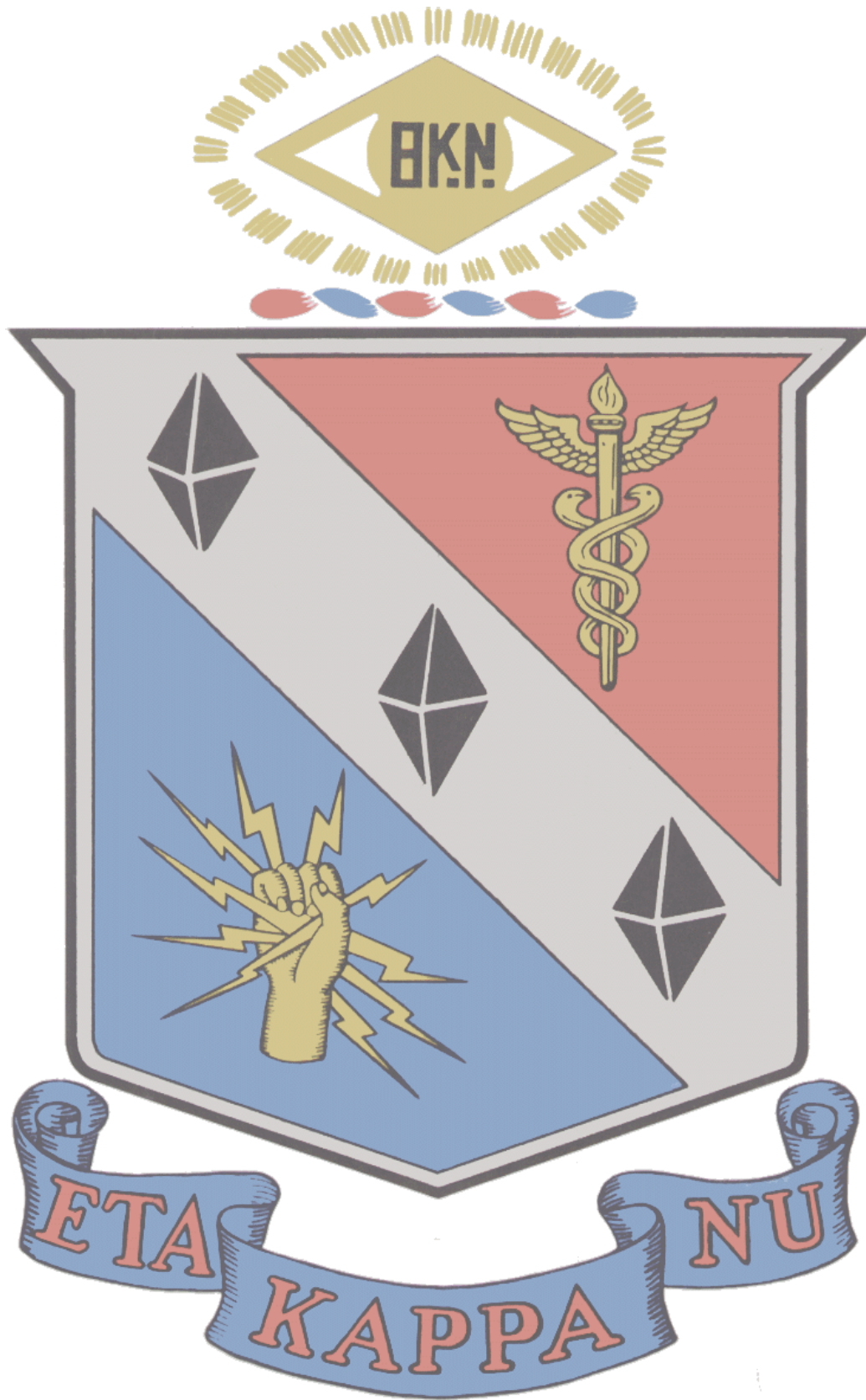


# Officer Elections & Midnight Meeting

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Members of HKN convene the Sunday morning following the banquet to engage in some healthy democracy and establish the newest set of officers for the upcoming semester. Order is wrought from chaos over the course of the day, and so the stage is set for the next era of HKN. The freshly elected HKN Officer Corps wastes no time setting gears in motion. A vision of the new semester was is sketched out with respect to organization, duties, and activities at midnight following the elections. Junk food of various characters, from grape soda to Doritos, heralds the birth of the new semester's HKN.





# 2010-2011 Initiates

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## Fall 2010

Eun Ji An  
Lucas Calderin  
Fang-Kwei Chang  
Michael Chang  
Stephen Chen  
Ken Cheng  
Peter Cheng  
Edward Chin  
Ben Chu  
Matthew Clements  
Ben Dong  
Max Feldman  
Amber Feng  
Andrea Goh  
Akash Gupta  
Eric Hankland  
Bei He  
Sergio Hidalgo

Zack Hsi  
Joseph Hu  
Yin Huang  
Young Kim  
Jonathan Ko  
Devan Lai  
Cameron Lee  
Chris Lee  
Jianfeng Lee  
Jonathan Lee  
Eric Liang  
Seshadri Mahalingam  
Akihiro Matsukawa  
Jeffrey Nieh  
Varun Pai  
Sharmistha Pal  
Bryan Peng  
Aaskash Prasad  
Steven Rhodes

Mark Rogers  
Anthony Salgado  
Rajat Shah  
Kathy Sun  
Sridatta Thatipamala  
Graham Tremper  
Eric Tzeng  
Alan Wang  
Brandon Wang  
Daryl Wang  
Solomon Wang  
Alexander Wong  
Jimmy Wu  
Andrew Wygle  
Dong Yan  
Lisa Yan  
Muller Zhang  
Shuqun Zhang

## Spring 2011

Ian Ackerman  
Khalid Ali  
Omar Ali  
Austin Benson  
Nicholas Chang  
Ting Chia Chang  
Haiyang Chen  
Xu Chen  
Zhenting Cheng  
David Chou  
Min Su Chung  
Sooark Chung

Ankur Dave  
Michael De Vita  
Ruchika Gupta  
Josh Hawn  
Alec Hoey  
Amirmohammad Kianpour  
Tae Hoon Kim  
Henry Kwan  
Winston Lee  
Jacob Levine  
Jason Liang

Katie Pope  
Yang Qiu  
Gavin Saldanha  
Ron Sun  
Pedro Almeida Tanaka  
Jeff Tsui  
Daniel Wang  
Lida Wang  
Mengyi Wo  
Allen Xiao  
Teng Yi  
Andrew Zhai

Members currently at Berkeley during 10-11: 200-250

Members invited: 130, inducted: 90



# 2010-2011 Officer Corps

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## Office

President  
 Vice President  
 Treasurer  
 Corresponding Secretary  
 Recording Secretary  
 Bridge Correspondent  
 Bridge Correspondent  
 Bridge Correspondent  
 Department Relations  
 Industrial Relations  
 Industrial Relations  
 Industrial Relations  
 Industrial Relations  
 Activities  
 Activities  
 Activities  
 Computing Services  
 Computing Services  
 Computing Services  
 Computing Services  
 Student Relations  
 Student Relations  
 Student Relations  
 Alumni Relations  
 Tutoring  
 Tutoring  
 Tutoring  
 Tutoring  
 Service  
 Service  
 Faculty Advisor

## Fall 2010

Conor Hughes  
 Justin Chu  
 Harry Jiang  
 Tom Magrino  
 Richard Xia  
 Alex Sun  
 Daiwei Li  
 Korok Chatterjee  
 Kevin Lim  
 Rohan Nagesh  
 Ryan Mak  
 Sameet Ramakrishnan  
 Stephanie Ren  
 Bonjern Yang  
 Edward Levin  
 Richard Lan  
 Albert Kim  
 Alex Degtiar  
 Hilfi Alkaff  
 Ibrahim Awwal  
 Jacky Chen  
 Dustin Kwong  
 Rohit Poddar  
 Kathy Tang  
 Cooper Levy  
 Dorsa Sadigh  
 Dylan Scott  
 Tony Dear  
 Aaron Wong  
 Andrew Lee  
 Dan Garcia

## Spring 2011

Richard Xia  
 Bonjern Yang  
 Rohan Nagesh  
 Aaron Wong  
 Tom Magrino  
 Alex Sun  
 Daiwei Li  
 Young Kim  
 Edward Levin  
 Akash Gupta  
 Richard Lan  
 Sameet Ramakrishnan  
 Stephanie Ren  
 Akihiro Matsukawa  
 Seshadri Mahalingam  
 Stephanie Yan  
 Albert Kim  
 Alex Degtiar  
 Amber Feng  
 Andrew Wygle  
 Max Feldman  
 Michael Matloob  
 Rohit Poddar  
 Ben Dong  
 Calvin Wang  
 Dorsa Sadigh  
 Eric Tzeng  
 Tony Dear  
 Kathy Sun  
 Rajat Shah  
 Dan Garcia

# Chapter Timesheet

Events	Work Hours	Fun Hours	New/Continuing	Semester
<b>Service</b>				
Cal Day Tours	150	0	Continuing	Spring
Course Surveys	165	0	Continuing	Fall/Spring
Engineering for Kids	60	20	Continuing	Spring
Fleet Week / Blue Angels	100	10		
Food Runs	20	10	Continuing	Fall/Spring
Grad School Admission Talk	45	0	Continuing	Fall
Interview/Resume Preparation	25	0	Continuing	Fall/Spring
Tutoring	1680	0	Continuing	Fall/Spring
Wildlife Restorations	200	20	Continuing	Fall/Spring
Staff Appreciation Bakeoff	70	10	Continuing	Fall/Spring
Review Sessions	150	0	Continuing	Fall/Spring
<b>Total Service</b>	<b>2665</b>	<b>70</b>		
<b>Outreach</b>				
Alumni Appreciation Dinner	15	130	Continuing	Fall/Spring
Alumni Broomball	6	180	Continuing	Fall/Spring
Career Fairs	200	0	Continuing	Fall/Spring
Engineering Sports Night	9	150	Continuing	Fall/Spring
Industry Tech Talks	200	0	Continuing	Fall/Spring
Infosessions	360	0	Continuing	Fall/Spring
Laser Tag with UPE	5	60	Continuing	Spring
Mini-Golf with UPE	4	35	Continuing	Fall
SWE Mini University	20	0	Continuing	Spring
<b>Total Outreach</b>	<b>819</b>	<b>555</b>		
<b>Social</b>				
Beach Bonfire	2	60	Continuing	Spring
Bowling	2	60	Continuing	Fall/Spring
Casino Night	1	85	Continuing	Spring
Candidate Ice Cream	1	140	Continuing	Fall/Spring
Chinese New Years Party	2	27	New	Spring
Dim Sum Day	1	35	New	Spring
ESports Night	9	120	Continuing	Fall/Spring



# Chapter Timesheet

Events	Work Hours	Fun Hours	New/Continuing	Semester
<b>Social</b>				
Fenton's	3	164	Continuing	Fall/Spring
Fire Trail Hike	1	20	New	Fall
Game Night	1	100	Continuing	Fall/Spring
Hike to the Big C	1	90	Continuing	Fall/Spring
Member's Movie Night	1	72	Continuing	Fall/Spring
Ice Skating	2	100	Continuing	Fall/Spring
Lunch with the Prez	1	50	Continuing	Fall/Spring
Members' Ice Cream	1	50	Continuing	Fall/Spring
Members' Potluck	36	72	Continuing	Fall/Spring
MidNight Ultimate	1	66	New	Spring
Mini-Golf	1	60	Continuing	Fall/Spring
Photoscavenger Hunt	5	180	Continuing	Spring
Picnic	5	210	Continuing	Fall/Spring
Pi Night	5	80	New	Spring
Pumpkin Carving	8	30	Continuing	Fall
Rock Climbing	1	21	Continuing	Fall
Study and De-stress Day	1	80	Continuing	Fall/Spring
Super Bowl Party	1	36	New	Spring
Sushi Craft Night	3	34	New	Spring
Video Game Night	1	80	Continuing	Fall/Spring
<b>Total Social</b>	<b>97</b>	<b>2122</b>		
<b>Official Business</b>				
Annual Report	100	0	Continuing	Fall/Spring
Candidate Conversations	25	25	Continuing	Fall/Spring
Candidate Meeting	60	90	Continuing	Fall/Spring
Elections + Midnight Meeting	500	0	Continuing	Fall/Spring
Executive Meetings	300	0	Continuing	Fall/Spring
General Meetings	60	660	Continuing	Fall/Spring
Initiation + Banquet	70	280	Continuing	Fall/Spring
Officer Meetings	750	0	Continuing	Fall/Spring
Officer Retreats	24	4800	Continuing	Fall/Spring
<b>Official Business</b>	<b>1889</b>	<b>5855</b>		
<b>Total Hours</b>	<b>5470</b>	<b>8602</b>		
<b>Grand Total</b>	<b>14072</b>			

# Credits

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## Design and Production

### **Fall 2011 Bridge Committee**

Alex Sun

Daiwei Li

Seshadri Mahalingam

## Photography

### **Fall 2010 Bridge**

Alex Sun

Daiwei Li

Korok Chatterjee

### **Spring 2011 Bridge**

Alex Sun

Daiwei Li

Young Kim

## Proofreading

The Fall 2011 HKN Mu Chapter Officer Corps



