



October 1, 2010

To the Outstanding Chapter Award Selection Committee,

The Iota Gamma Chapter has always strived to stimulate and reward scholarship and to work with the UCLA School of Engineering to improve communication between students and faculty. For the past five years we have been extremely honored to be recognized as an outstanding chapter. This past year, the officers and members of HKN have worked diligently to improve upon our past achievements, as well as recognize the traditions and honors that HKN has stood for in its past twenty-six years at the University of California, Los Angeles (UCLA).

I am honored to report that this year the chapter has improved greatly on the number of new members inducted to the Iota Gamma chapter. By revamping the entire recruitment process and putting a greater emphasis on professionalism, we were able to attract new members in far greater numbers than in past years. In two recruitment quarters alone, we inducted more than 75 new members, a new record for the chapter.

In an effort to reach a wider audience this chapter teamed-up with other student organizations to co-sponsor certain events. While the Iota Gamma chapter strives to stimulate and reward the scholarship of its members, it shares with other engineering organizations the common goal of improving the quality of education for all students. This synergy of efforts led to the inclusion of electrical engineering students not in Eta Kappa Nu, as well as students outside of electrical engineering, in HKN events.

The Iota Gamma Chapter had a series of notable accomplishments this year. With the reorganization of the officer board, we were able to implement many exciting changes. New events such as hosting the EE Town Hall Meeting in coordination with the Electrical Engineering Department, opening an EE undergraduate lounge, and collaborating with two other honor societies to create a Joint Honors Tutoring Program further solidified this chapter's presence in the UCLA engineering community.

This past year has personally been a very exciting and rewarding year in which our officers have learned and grown from our many experiences in serving the members of the Iota Gamma chapter. I would like to thank the members, most notably the officers of the Iota Gamma chapter whom I had the privilege of working with. I would also like to thank our faculty advisor Professor Alan Willson and the Electrical Engineering Department for their continued support of the efforts of our chapter. I would also like to thank Dr. William Goodin, who has also taken on the role of a second advisor. Lastly, I would like to thank the selection committee for their recognition of this chapter's efforts.

Sincerely,

Emily Liu, President 2009-2010
HKN Iota Gamma Chapter
University of California, Los Angeles



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Membership

Chapter Statistics

During the fall quarter of 2009, the chapter had 40 active undergraduate members. This number grew to 70 active members on when 30 of a total 150 students eligible and invited to join HKN were initiated. During the spring quarter of 2010, 43 undergraduates of a total 130 students eligible and invited to join HKN were initiated. With the graduation of 15 members, the chapter active undergraduate membership now consists of 98 members. The total number of graduate students not members of HKN is unknown because many graduate students arrive at UCLA as members of other HKN chapters.



Fall 2009 Initiation Banquet

Initiation Rate

This past year has been a huge success in terms of increasing our initiation rate. By revamping our entire recruitment structure, we were able to recreate our image and visibility on campus. Students found our new extensive welcome packet to be professional and informative, making the requirements for induction quarter clear and easy to follow. By hosting two Candidate Orientation sessions, instead of just one, we were able to provide students with more opportunities to learn about our chapter. Instead of lessening requirements on candidates to increase our initiation rate, the officer board decided to increase and demand more rigorous requirements to ensure quality candidates.

New requirements that were added onto our original requirements were the addition of two hours of tutoring per week in our new Undergraduate EE Lounge, as well as the attendance to at least one chapter social event. By asking students to conduct tutoring, we were able to have students give back to the EE community at UCLA. With the requirement of one social event per quarter, students were placed in a setting to form bonds with the rest of the chapter members, which is often an activity that many students do not participate in unless asked to do so. However, by attending these social events, our candidates created new relationships with one another, making it more like for them to stay involved in chapter events in the future.



As a whole, these changes gave us the exact outcome we had been hoping for; by demanding more of the candidates and following strict deadlines, we reinvented our honor society into a professional group that had their act together. Students were more willing to invest the extra hours into our activities and requirements because they could tell that the officer board was serious about the chapter activities, as well.

Working to Improve the Student Body



PSPICE Tutorial at Boelter 3760

Tutorials

The Iota Gamma Chapter continued to provide the general student body of the entire school of engineering with tutorials in MATLAB. These software tools are critical both in the classroom and professional workplace. This year, we organized our tutorials into two parts, a beginner's introduction and advanced session. This allowed us to better assist students based on their skill level.

The tutorial slides were compiled into different documents and were published on the Iota Gamma Chapter

website for all students. All of the tutorials were highly sought after by students because these are the only formal introduction to these tools offered at UCLA. Throughout the year, an estimated 150 students attended the tutorials.

Tutoring

The Iota Gamma Chapter, in coalition with Tau Beta Pi California Epsilon Chapter and Upsilon Pi Epsilon California Beta Chapter, provided the student body of the entire school of engineering with drop-in tutoring sessions during the entire school year. All officers and candidates were required to hold weekly office hours in two hour time blocks to answer questions with regard to courses of their own choice within math, science, and engineering. The office hour schedule is posted online, and students in need of help can refer to the schedule and drop by at the time when someone capable of answering their question is in office. As introduction to computer science course had become a requirement for all engineering major in this school year, a great emphasis of the tutoring was put on computer science.



Professor Talks

Professor Talks provide a medium for students to interact with professors outside of the classroom. Professors talk for an hour or two on their topic of choice. It could be about the current trends in engineering or their research, about their views on the education system, or even about their entrepreneurial experiences.

This year, HKN hosted two professor talks per quarter, for a total of six professor talks. We sought after new faculty members to give professor talks to bring fresh topics to the student body and to provide an opportunity for the new professors to find research assistants for their research project from the participating students.



Professor Ozcan giving a talk on biomedical imaging devices and the education system

Corporate Information Sessions

Corporate Info Sessions provide all interested students with a more in depth and personal introduction to a company than is available during the busy and hectic job fairs held on campus. The Iota Gamma chapter has extensive relationships with local industry partners both through alumni and information sessions of previous years.



Corporate Information Session

This year, the chapter hosted, on average, 3-4 corporate information sessions per quarter. Companies that the Iota Gamma Chapter has had continually strong relations with include Qualcomm, Accenture, Northrop Grumman, Viasat, and Samsung, among other companies.

Among these companies, the Iota Gamma Chapter has also established long-term sponsorships from several of these companies. In particular, Qualcomm has agreed to sponsor club t-shirts for all new candidates and current members. Through the sponsorship, members of the Iota Gamma Chapter enjoy distinctive recognition from these companies.



Working to Improve the Department

Lunch with Professors

Lunch with Professors is an HKN tradition at UCLA. For both initiating quarters this year, professors of the Electrical Engineering departments and HKN members and candidates were invited to enjoy an informal catered lunch. The lunch provides yet another arena for professor/student interactions outside of the classroom. The fall and winter quarters' Lunch with Professors were catered by BJ's Restaurant to better satisfy the appetite of the busy students and professors. This resulted in high attendance of students and professors.



Students and professors from the EE department discuss research topics over catered lunch.

Electrical Engineering Town Hall Meeting

EE Town Hall is an annual event co-hosted by HKN and IEEE in which students directly question professors on department policies and curricula. In the past, suggestions made by students have resulted in the creation of new course offerings as well as degree requirement adjustments.



This year's Town Hall Meeting was held in Fall 2010, with a presentation by the department chair, Professor Ali Sayed. The meeting was later opened up for student questions and comments. Extensive notes were taken by both the department and HKN. The meeting minutes and summary were then compiled and published on the Iota Gamma Chapter website for all students.

Unlike previous years where the Town Hall meetings were plagued by low attendance, this year's Town Hall Meeting had a high attendance of over one hundred students. This was because we decided to raffle off a netbook to the attendees of the event, to encourage student involvement. The EE department was extremely pleased and declared this year's meeting to be the most successful yet.



Undergraduate EE Lounge

A huge accomplishment of this year's Iota Gamma Chapter was the opening of the Undergraduate EE Lounge. After working tirelessly with the EE Department over the summer preceding the Fall 2009 quarter, we were able to unviel a new lounge area for EE students to study, collaborate, and rest. This lounge included computers, a large conference table for meetings, couches, coffee table, and refridgerator.

EE students from all differen grade levels commented on their excitement for this new lounge. Previously, there was no room dedicated to just one major. The lounge is now used as focal point for most undergraduate EE activities and as the tutoring room for the Iota Gamma Chapter's Joint Honors Tutoring Program.





Annual Chapter Report Short Form

Iota Gamma	University of California, Los Angeles
Chapter Name	Institute Name

62-127 Engineering IV, 420 Westwood Plaza, Los Angeles, CA 90095
Chapter Address

Emily Liu	10/13/2010
Submitted by	Date

OFFICERS AND DATA

Officers	FALL SEMESTER 2009		SPRING SEMESTER 2010	
President	Emily Liu		Emily Liu / Raymond Liou	
Vice President	Mengdai Yu		Mengdai Yu	
Treasurer	Jessica Wang		Jessica Wang	
Recording Secretary	Liting Huang		Kalvin Hom	
Corresponding Secretary	Raymond Liou		Manda Paul	
HKN Web Correspondent	Daniel Liu		Kuangyi Chen	
Faculty Advisor	Alan Willson		Alan Willson	
Chapter Statistics				
No. of members at school at beginning of the semester	40		70	
No. of ECE students invited to join HKN No. of students inducted	Undergrad: 150	Grad: n/a	Undergrad: 130	Grad: n/a
	Undergrad: 30	Grad: 0	Undergrad: 43	Grad: 0
No. of ECE faculty not already in HKN No. of Faculty Inducted	0		0	
	0		0	



PROGRAM OF ACTIVITIES

ACTIVITY NAME	PERSON-HOUR FOR SCHOOL YEAR	FALL, SPRING, or BOTH	DESCRIPTION AND GOAL OF ACTIVITY
MatLab Tutorials	200	Fall, Winter, Spring	<i>Please see previous pages for descriptions.</i>
Tutoring	1500	Fall, Winter, Spring	
Professor Talks	120	Fall, Winter, Spring	
Corporate Info Sessions	600	Fall, Winter, Spring	
Lunch with Professors	50	Fall, Spring	
Workshops (Resume, Grad School, etc.)	700	Winter, Spring	
EE Town Hall Meeting	100	Fall	
Social Events	150	Fall, Winter, Spring	
Total	3420		