



## Scheming About Education

Professor Brian Harvey, has taught thousands of freshmen the wonders of computer science. At IEEE's first General Meeting, Harvey spoke about his past and his thoughts on education with students.

Harvey was raised in New York and discovered a passion for math early in his life. He recalled being given an Algebra book in 7th grade and reading it over the weekend. From there he attended an honors program at Columbia University on weekends, where he first learned to program.

At the age of 16, Harvey attended college while working at an Artificial Intelligence Lab, as well as being a disc jockey on

the side. Upon graduating, Harvey obtained an Education degree from San Francisco State.

Harvey then decided to put his education to use and taught programming at a high school in Massachusetts. There he demanded to teach the class pass/fail so students would not be stressed when he critiqued their programs.

Since coming to Cal, Harvey has had mixed feelings. He says that he "loves the curriculum" and the smart students, but doesn't like giving grades and stressing students.

In order to achieve his goals of decoupling academic challenge from the college admissions process, Harvey has joined the



Professor Harvey speaking at IEEE's 1st General Meeting.

UC Berkeley admissions board. His goal for is to get rid of the extra grade point for AP classes. Harvey firmly believes in keeping the "intellectual challenge [while] doing away with the hoops."

## New IEEE Sweatshirts

Student Relations officer, Diane Ko, has designed new sweatshirts for UC Berkeley IEEE.

These sweatshirts will be going on sale soon. They will cost \$15 for National IEEE members and

\$20 for non-national members.

If you are interested in buying one, stop by the IEEE Lab in 246 Cory and speak to one of the officers about it.



New UC Berkeley IEEE sweatshirt design.

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### Upcoming Events:

- Internship Workshop, (10/23, Sibley Aud.)
- Alsop Louie Infosession (10/27, Hogan Room)
- Entrepreneurship Speaker Series (10/28-10/30, 380 Soda)
- Startup Fair (November, TBA)

## Getting Ready For Grad School

UC Berkeley IEEE hosted it's first annual Graduate School Fair on October 10th. Representatives from schools such as Caltech, Carnegie Mellon, Stanford, and University of Illinois were in attendance.

Graduate studies in parallel computing, data intensive computing, as well as interdisciplinary studies are currently popular, said one admissions official.

Professor Roy Campbell (University of Illinois) gave some bits of advice for undergraduates looking to someday go to graduate school. It is important to have research with faculty, he said, also mentioning that a sur-

prising number of American applicants did not have research as undergraduates. In addition, Campbell also encouraged seniors to go to campuses and talk to faculty before deciding which college to attend for graduate school.

Tammy Nicastro (University of Illinois) partially dispelled the myth that it is hard continue graduate study in the same college where students obtained their undergraduate degrees. When you are performing research with professors who are experts in their field at the top engineering colleges, it is much easier to stay with that professor and continue graduate studies.



Students speaking to Professor Roy Campbell from University of Illinois.

## Xploring EECS

IEEE Client Services Manager, George Plosker and staff from the UC Berkeley Libraries were on hand to show students how to take advantage of the IEEE Xplore Database.

The Xplore Database is the premier research tool for EECS information. It contains over 650,000 articles from 12,000 journals, making it the most comprehensive tool of its kind in the world.

Presenters demonstrated advanced tips on how to most effectively search the database for information.



EECS students listening to search tips from George Plosker.

## Free Food, Every Month

UC Berkeley IEEE Members are invited to a free members lunch on the first Wednesday of every month.

Member's lunch is usually held in the Moore Room in Cory. It provides a great opportunity to meet and get to know other IEEE members and officers.

During the recent lunch, burritos from La Burrita were served to over two dozen members in attendance.



IEEE Members at the monthly member's lunch in the Moore Room.

## Giving Students HOPE

IEEE is continuing its Hands On Practical Electronics (HOPE) decal. This class is aimed at teaching non-engineering majors the basics of circuit theory.

No math or science background is required for students to enroll in the course as it is taught from a very introductory standpoint.

Each semester, students work on a final project. For this semester, the final project is an iPod charger.

The IEEE officers currently involved with running HOPE are Quincy Chan, Timothy Liu, Alex Pai, and Boyang Zhang.



HOPE Students in class.

## IEEE Versus HKN

A week long IEEE versus HKN Ping Pong Tournament was recently held with nightly matches in the Moore Room.

After a week of preliminary matches, winners advanced to the break round. This year 12 people made it to the break round (4 from IEEE and 8 from HKN).

After three more rounds, culminating in the final best of 5 match, HKN's Philip Chao emerged as the winner. Philip won a \$25 movie gift certificate as well as a certificate of achievement.



Philip Chao reaches back to hit ping pong ball during IEEE versus HKN Ping Pong Tournament.

## Learning About Grad School

UC Berkeley IEEE participated in helping the EECS department host a series of Graduate School focused workshops.

These workshops focused on answering questions about why you should apply to grad school, where to apply to, the

timetable to apply, and more.

One of the workshops also focused on allowing prospective graduate students ask questions to a panel of current EECS graduate students at Berkeley.



Graduate Student Panel at Grad School Work-

## In With The New

Nine new officers have joined the UC Berkeley IEEE officer core. These officers and their positions are as follows:

Monica Barin—Publicity

Quincy Chan—Lab Chair

Derrick Cheng—IT

Yashraj Kaitan—External Relations

Pracheta Kokate—Activities

Sameep Tandom—Security

Edward Wu—IT

Nathan Yan—Historian

Alan Young—Industrial Relations



## About IEEE

IEEE is an acronym standing for Institute of Electrical and Electronics Engineers.

It's an international organization with over 350,000 members, but at UC Berkeley we host events and organize activities for student members as well as the EECS Department. Visit <http://www.ieee.org> to explore one of the best websites for electrical engineers and those interested in the field.

Our student chapter has a long history in the EECS department, serving since 1912. More information about our Chapter can be found at <http://www-ieee.eecs.berkeley.edu/>

## Join IEEE

Become a part of the world's largest technical professional association! Go to <http://www.ieee.org/> and sign up for student membership. Members are all invited to our many events, including our general meetings, monthly member events (such as rock climbing), and our member luncheons (free, monthly) in Cory Hall. Members also receive access to the IEEE Xplore Database and other IEEE publications. All majors are welcome.

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