

UC Berkeley

Electrical Engineering & Computer Sciences

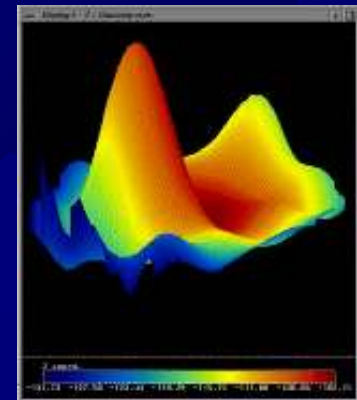
Stuart Russell, EECS Chair
Costas Spanos, EE division Chair

Community College Day
October 29, 2009



Why Study EECS?

- ✦ Exciting research projects with Berkeley professors.
- ✦ Here are just a few cool projects:
 - ✦ Micromechanical Flying Insects
 - ✦ Robotic Surgery
 - ✦ Environmental Sensors
 - ✦ Internet Security, Authentication, and Cryptography
 - ✦ Wireless Networks
 - ✦ On-line Robot
 - ✦ Human Computer Interaction Group
 - ✦ Smart Dust





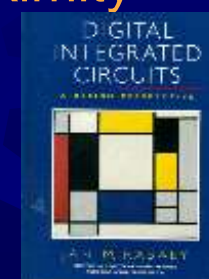
Berkeley EECS

- ★ Emphasis on Teamwork
 - ★ “More of a go-get-it attitude” or more of a “can-do attitude” than graduates from some other top schools.
- ★ Excellent Teaching and Training
 - ★ “Berkeley grads stand out” as “self-starters” who “graduate with street smarts.”
- ★ Important Role of Diversity
 - ★ Diverse socially, ethnically, economically
- ★ Active Student Organizations!



Why Berkeley EECS?

- World-renowned faculty
- Very high quality, smart students
 - Learn from your peers!
 - “Particularly well-grounded in the basics”
 - “Excellent integration of theory and real practice”
- Location
 - Short distance from Silicon Valley, close proximity to the latest and coolest technologies
- Integrated EE and CS Program



Careers for EECS Graduates



Students in EE 40



Students in 140 Cory Lab

- ✦ Work in an electronics or computer company
- ✦ Work in biotechnology or bioengineering
- ✦ Join a consulting firm
- ✦ Build tiny wireless sensors to monitor pollution and energy consumption
- ✦ Teach science at the high school level
- ✦ Start a new company
- ✦ Develop robots used for non-invasive surgery
- ✦ Develop multimedia electronic products (graphics, animation, music)
- ✦ Design software to help children and adults learn to read
- ✦ Go to law, medical or business school
- ✦ And many more possibilities...

Services for EECS Students

- Academic Problem Solving
- Faculty and Peer Advising Coordination
- EECS Honors Program
- EECS Internship Program
- Industry Speakers and Forums
- Promotion of Undergraduate Research Programs
- Class Scheduling
- Undergraduate Scholarship Information
- Liaison with EECS Student Organizations
- K-12 Outreach
- Advising for Graduate School Admissions
- Tutoring Referrals

Center for Student Affairs



Jo Bullock



Elisa Lewis



Rebecca Miller



Prospective EECS Transfer Students!

Questions???

Websites of Interest:

Undergraduate Notes

<http://www.eecs.berkeley.edu/Programs/Notes/>

EECS Prospective Student webpage

<http://www.eecs.berkeley.edu/Prospective/ugrad.shtml>

GO EECS BEARS!!