Mentoring: A Berkeley Perspective

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Many Existence Proofs

- Dr. Valerie Taylor - Texas A & M
- Dr. Gary May - Georgia Tech
- Dr. Jeff Forbes - Duke University
- Dr. Armando Fox - Stanford University
- Dr. Arlene Rhodes - Morgan State
Find more UCB Existence Proofs

- Distributed Role Models
- UCB Women Ph.D. Database:
  http://www.eecs.berkeley.edu/Programs/grad/GradWomen/gradwomen.html
- Databases on Berkeley women Ph.D.’s
- Website for Berkeley minority Ph.D.’s
Departmental Mentoring

- Faculty-Student-Staff Commitment
- Admissions/graduate recruitment
- Alternate avenues to grad program
- Diversity focus in grants
- Innovative policies (Parent Policy)
- Gender balance in Colloquium Speakers
- Strong support of student organizations
Support of WICSE

- History and longevity: 25th Anniversary
- http://www.eecs.berkeley.edu/Programs/grad/Grad Women/Wicse/wicse25th.htm
- Virtual community
- Weekly Meetings
- Monthly Mentoring Lunch with Ugrad Women
- New Graduate Recruitment
- Big Sister Program
WICSE’s Influence

- Webpage
- Advocacy for Policy Changes
- Conference Participation: Hopper, CRA, Tapia
- Official voice at Faculty Retreat
- EECS Student Organizations Council
- Institutional Research: Ph.D. retention study
- Strong links to EECS Alumnae
BGESS (Black Grad Students in Science and Engineering)

- Minority cohort in SEM
- Founded 1987
- Building Community

Chancellor’s Outstanding Service Award
2004

- Research Mentorship
- Recruitment
Effective Peer Mentoring

- MFTO-Dr. John Davis, IBM
- Ph.D. support group at Berkeley
- Student Initiated
- Goal-oriented: *What happened last week?*
  
  *This week I plan to accomplish:*

  Penalty-based: *OOPS I didn’t*
Synergy with Industry

- Keeping our feet to the fire
- Tracking our diversity students
- External affirmation
- Some

- Example: UCB senior women grads invited to IBM Academy Meeting, 10/03
SUPERB: Graduate Pipeline

- Summer undergraduate Research
- Minority/ Gender Balance
- 67% attend graduate school
- 6 Minority Ph.D.’s: 3 in academe
- Mills, Michigan, Penn State, IBM Research (2)
- Erika Take, SUPERB Coordinator
SUPERB-IT Percentage of Men and Women Overall 1990 - 2004

- Male: 64%
- Female: 36%
Training Future Mentors

- SUPERB Graduate Mentor Evaluation
  - Biggest Challenges
    - Defining a project – scope & level
    - Getting students up to speed
    - Calibrating supervision
  - Most Rewarding
    - Encouraging academic excellence
    - Coaching for final presentation
    - Continuing relationship
CS Reentry Program

- Tapping an alternate source of women & minorities for graduate school
- 1983-1998; now at CMU, UBC
- 12 Ph. D.’s’, 39 MS, ~20 in pipeline
- Prof. Nina Amenta, Davis
- Faculty now sensitive to reentry issues