

UCLA

Posters

Title

Education Overview

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CENS Education Overview

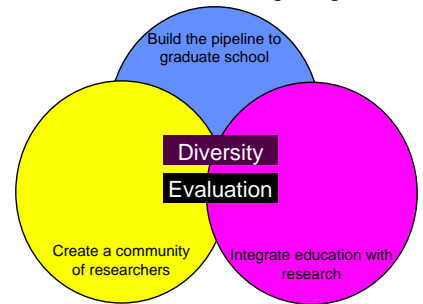
Karen Kim, Wesley Uehara, Deborah Estrin, Michael Allen, Christine Borgman, Jeff Burke, Melissa Cook, Kathy Griffis, Richard Guy, Michael Hamilton, Mark Hansen, Robert Hanusa, Tom Harmon, Jennifer Jay, William Kaiser, Jane Margolis, Kristina Martinez, Anand Mehta, Kim Misa, Juan Navarro, Greg Pottie, Mohammad Rahimi, Suna Ryu, Mani Srivastava, William Sandoval, Linda Sax, Jillian Wallis, John Wallace, Joe Wise, Jackie Wong

CENS Education objectives

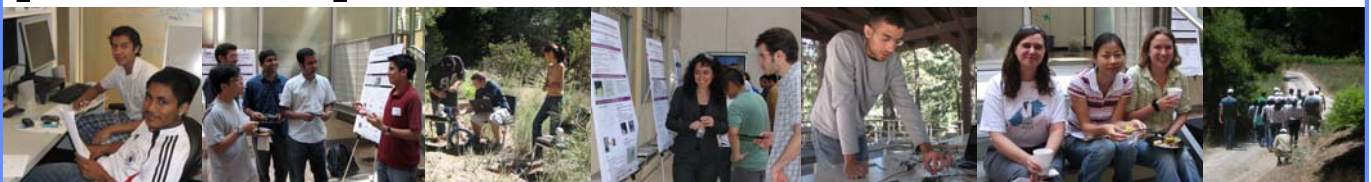
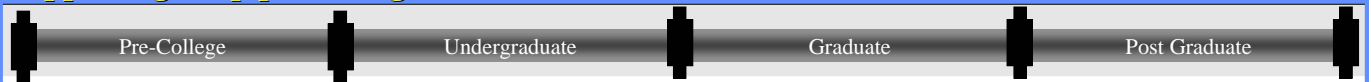


- Increase the number and diversity of students pursuing advanced degrees in information technology-related fields
- Increase interest, knowledge and use of ENS technology

How we are realizing our goals



Supporting the pipeline to graduate school



Promoting interest, knowledge, and use of ENS technology

Pre-College Science Education

- CENS High School Scholars Program
- Google CS4HS Teachers' Workshops
- Inquiry Modules for middle school science
- Education Tools using acoustic and image sensing
- CENSEI, web-based curriculum portal and data management
- Education Research

Diversity and Gender Equity Initiatives

- Women @ CENS: A Research System
- Hands-on Future Tech Conference
- Collaboration with local and national partners
 - Regional community colleges & universities
 - Professional organizations
 - Science and Technology Centers

Undergraduate Research Program

- Undergraduate level ENS courses
- Summer @ CENS Undergraduate Internship Program
- CENS Intel Scholars Program, academic year research program
- Women @ CENS

Ethics Program

- Promoting understanding of ethics issues
- Discussing implications of ENS technology

Evaluation

- Monitoring diversity statistics
- Formative and summative evaluation

Graduate Student Programs

- Graduate level ENS courses
- Multidisciplinary research teams
- Research Fellowships
- Technical Seminars and Networking Events (e.g., Tuesday Teatime)
- Women's Ph.D. Lunches
- Professional Development Opportunities
- Graduate Student Recruitment Activities

CENS Education Websites

- Providing online resources for educators and students:
www.cens.ucla.edu/Education &
www.nsfstc.org

