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Posters

Title

EDU 0: Education Overview

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CENS Education Overview

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CENS Education objectives

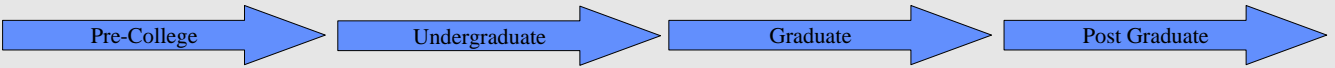


- Increase the number and diversity of students pursuing advanced degrees in information technology-related fields
- Increase interest, knowledge (and use) of ENS technology

CENS has developed education programs that...

Build the pipeline to graduate school (and beyond)	Create a community of researchers	Integrate education with research
Diversity		
Evaluation		

Supporting the pipeline to graduate school



Promoting interest and knowledge of ENS technology

Pre-College Science Education

- Inquiry Modules for middle school science
- Education Tools using acoustic and image sensing
- CENSEI, web-based curriculum portal
- Education Research



Undergraduate Research Program

- Undergraduate level ENS courses
- Summer School @ CENS Pre-Internship Course
- Summer @ CENS Internship Program
- CENS Intel Scholars Program
- Women @ CENS



Graduate Student Programs

- Graduate level ENS courses
- Research Fellowships
- Multidisciplinary research teams
- Technical Seminars
- 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

Diversity and Gender Equity Initiatives

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

Ethics Program

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

Data Management

- Research on scientific data practices
- Research questions address the initial stages of the data life cycle, including:
 - Data characteristics
 - Data sharing
 - Data policy
 - Data architecture

Evaluation

- Monitoring diversity statistics
- Formative and summative evaluation