



### The Institute for African American Mentoring in Computing Sciences

(iAAMCS, pronounced “i am cs”) serves as a national resource for African American students and faculty. iaamcs’s objective is to:

- Increase the number of African Americans receiving Doctoral degrees in computing sciences.
- Promote and engage students in teaching and training opportunities.
- Add more diverse researchers into the advanced technology workforce.

# i am the future.

#### DID YOU KNOW?



**MARK DEAN** was part of the team that developed the ISA bus. He also led the design team responsible for creating the first one-gigahertz computer processor chip.



**ANNIE EASLEY** was one of the first African American women in the field of rocket science, mathematics, and computer sciences. She helped develop the software for a high-energy rocket that came to be known as “America’s Workhorse in Space”.



Photo Courtesy Department of Computer Science, University of Colorado Boulder

**CLARENCE “SKIP” ELLIS** is the first African American with a Ph.D. in Computer Science. He also helped develop the icon-based GUI, which later became the basis for Apple’s and Microsoft’s Windows operating systems.



**KERRIE HOLLEY** is a software engineer who is recognized internationally for his innovative work in architecture and software engineering centered on the adoption of Service Oriented Architecture.

#### African Americans make up 13.1% of the US population\*, but only:

- **Only 4.5%** were awarded Bachelors in Computer Science\*\*
- **Only 1.9%** were awarded their Masters in Computer Science\*\*
- **Only 1.8%** were awarded PhDs in Computer Science\*\*
- **Only 3.9%** were hired as new faculty in Computer Science departments\*\*

\*According to United States Census Bureau (2012) \*\*According to the 2012 Taulbee Survey

#### ACTIVITIES & RESOURCES

- Faculty & Student Training
- K-12 Outreach
- Academic Research Grants
- Distributed Research Experience for Undergraduates (DREU)
- Distinguished Fellows Writing Workshop (DFWW)
- Annual Computing Competitions
- Technical Webinars & Distinguish Lecture Series (DLS)
- Tapia Celebration of Diversity in Computing