

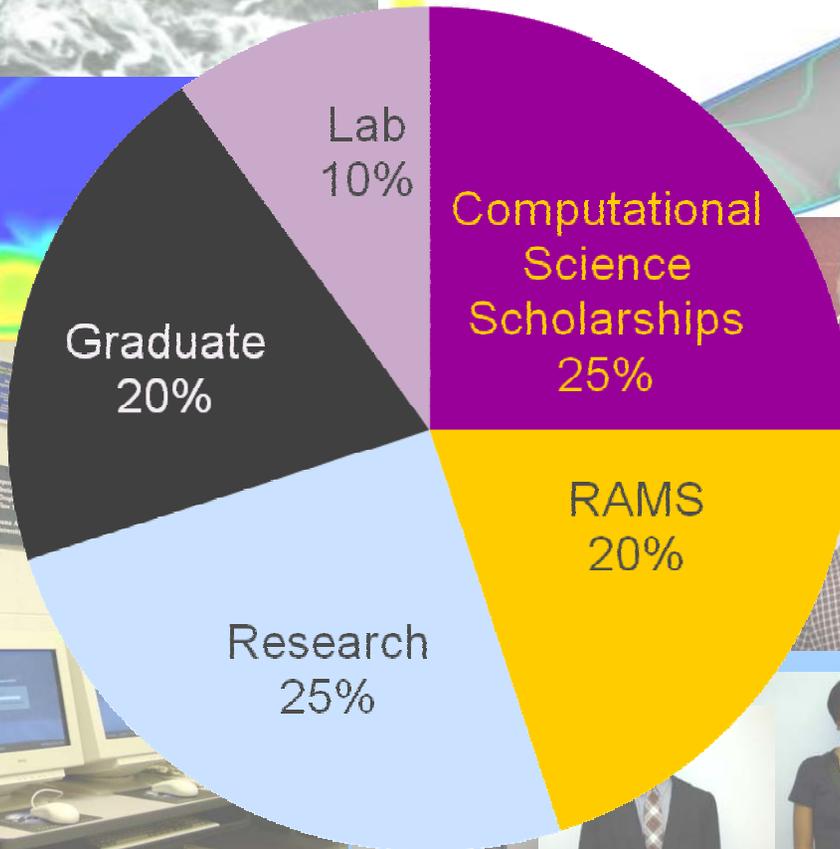
RAMS - An Excellent Research Internship Program for Minority Science and Engineering Students

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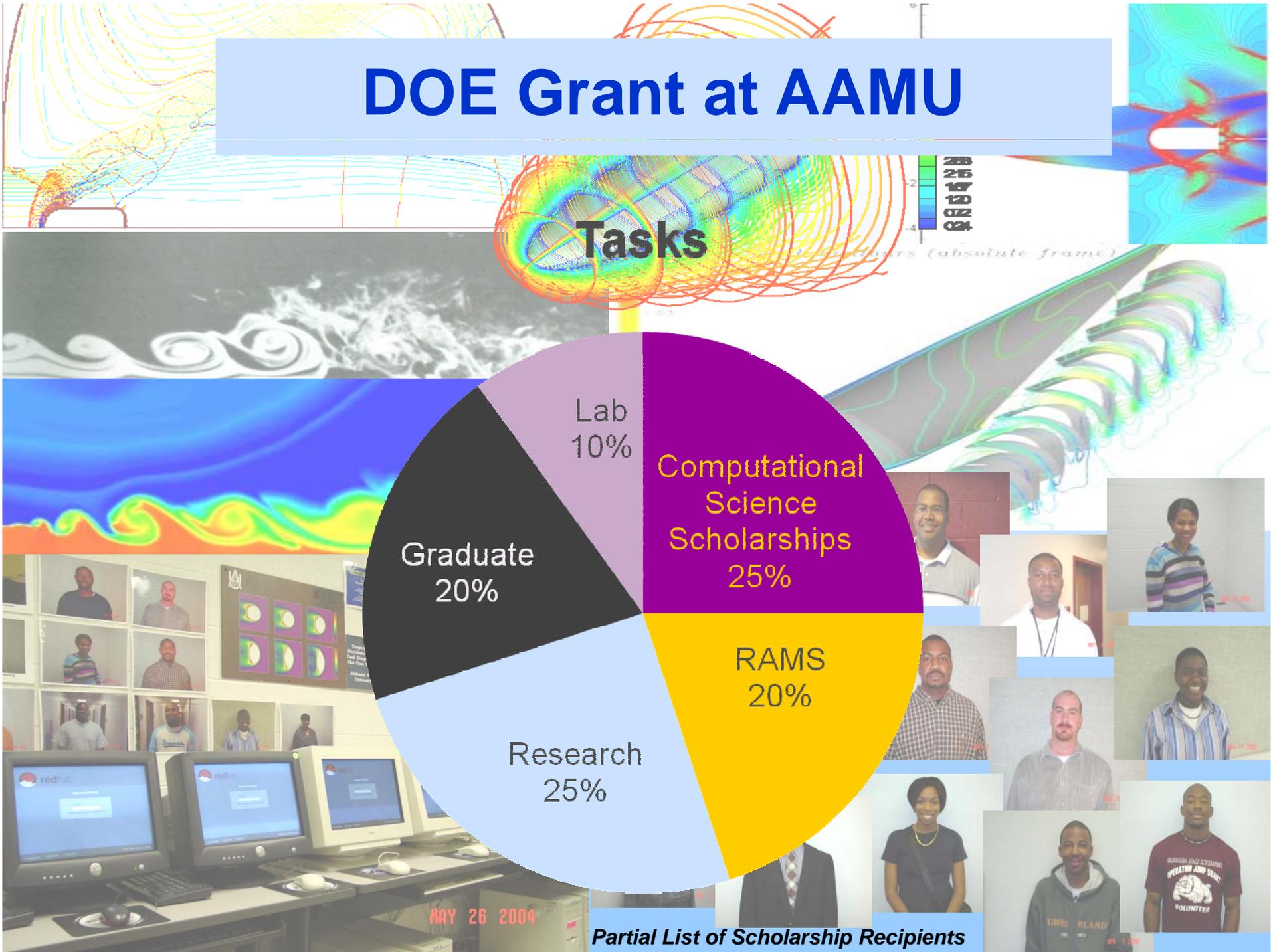
Debbie McCoy
Oak Ridge National Lab

DOE Grant at AAMU

Tasks



Partial List of Scholarship Recipients



Summer Research Interns at ORNL

Goal: Use funding from AAMU and ORNL
to support more students

- RAMS Faculty Mentor Workshop at ORNL
- RAMS Student Project Presentation
- RAMS Recognition Event
- Oak Ridge Day of Science
RAMS Information

*Leadership in Computing
Collaboration with HBCU*

Welcome to Oak Ridge National Laboratory



Alabama A&M
Centre College
Florida A&M
Howard University
Lane College
North Carolina State
Polytechnic University of
Puerto Rico
Savannah State
Southern Polytech
Southern University
University of Delaware
University of Puerto Rico
University of South Florida
University of Tennessee
University of Turabo
Winston-Salem State

December 10, 2007

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National Laboratory



Advanced Scientific Computing Research Program

Perspective from Washington HBCU Update

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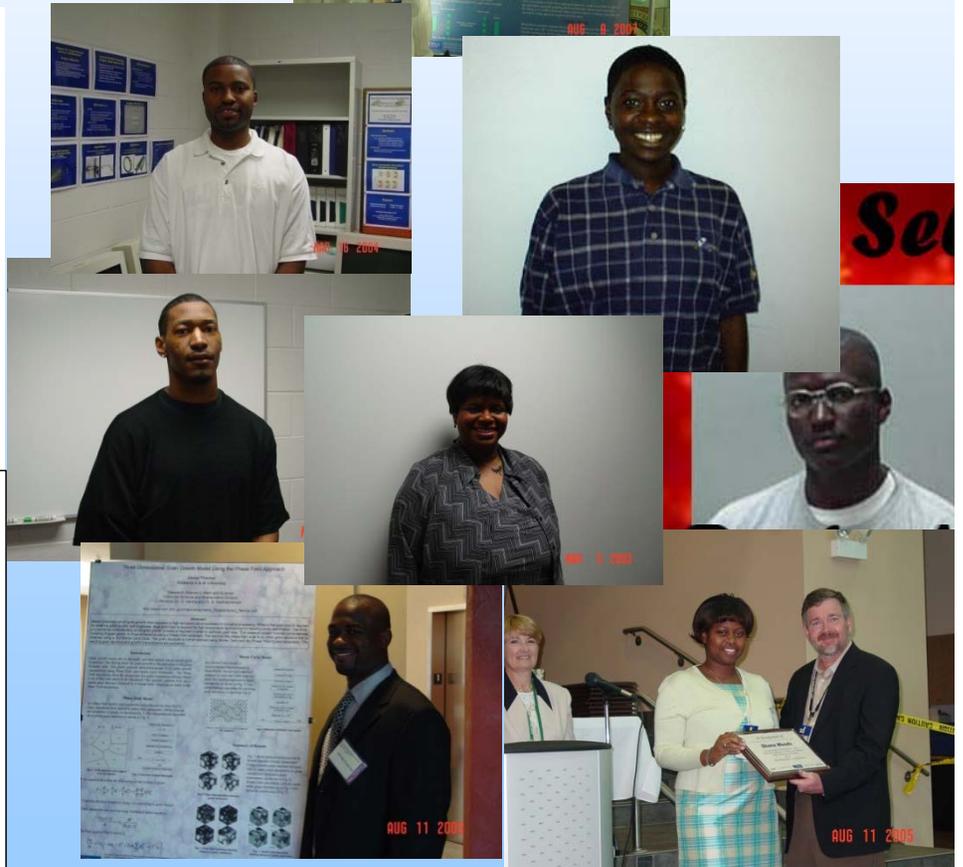
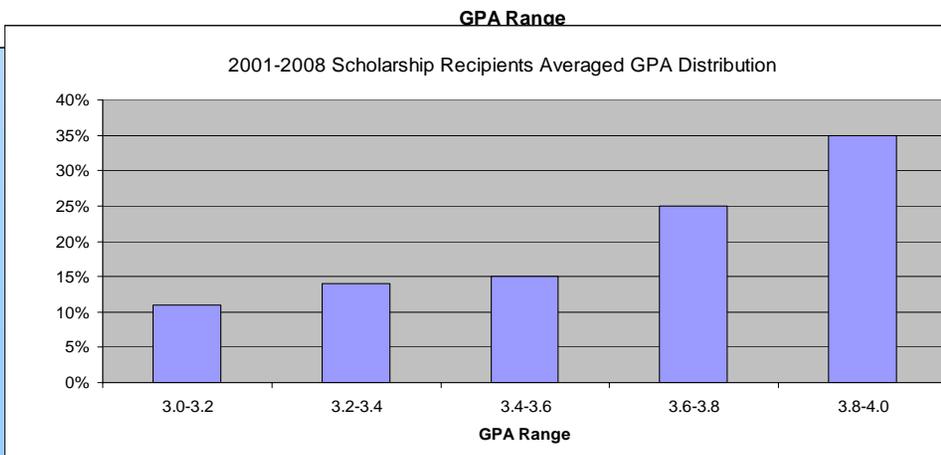
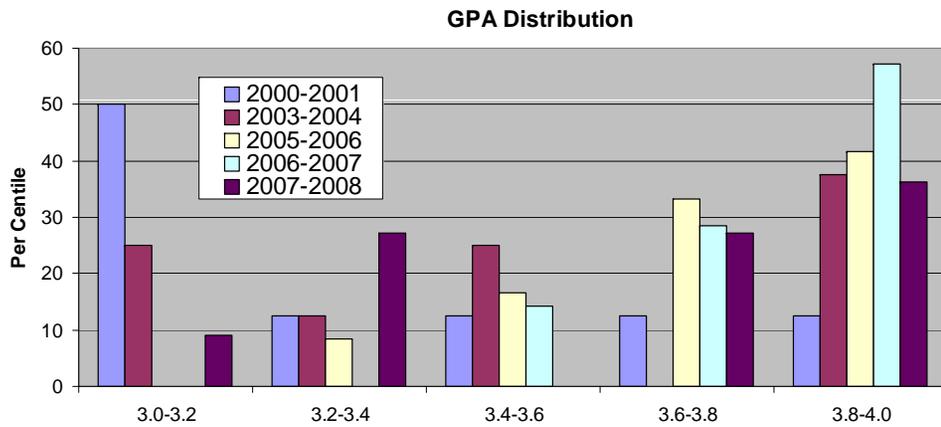
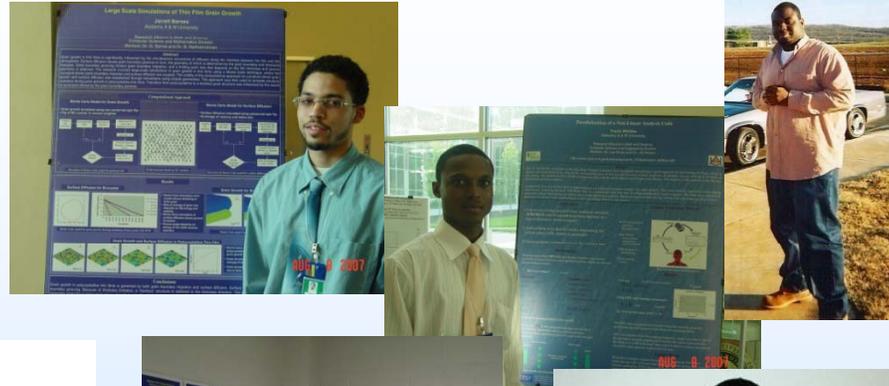
AAMU Collaboration with RAMS

Goal: Use funding from AAMU and ORNL
to support more students

- Encourage Scholarship Recipients to Apply RAMS
- Introducing High Performance Computing Prior to RAMS Application
- Faculty Mentoring / Workshops
- Student Project Presentation / Recognition Event

RAMS Interns from AAMU

- Chemistry
- Computer Science
- Engineering



Project Presentation / Recognition Event



Further RAMS Impact to AAMU



- RAMS Intern: Leadership in Computational Science
- Retention: Happy Parents from Detroit
- Impact on ASME Club, STEM Day at AAMU, Workshop
- Presentation at Engineering School Open House
- Graduate Study (4)

Conclusions

RAMS summer intern research program provided excellent training to minority science and engineering students in the area of computational science.

Students attended series of seminars in leading edge computational science research. It opened student's eye in the fascinating world of scientific computing. Many interns expressed their willingness to return to ORNL and work in the area of computational science.

The RAMS program created significant impact to AAMU computational science education. When RAMS interns return to school in the Fall semester, they bring their research papers and posters back to school. Interns were provided a chance to present their research project and experience at ORNL to fellow science and engineering students.

Most importantly, they promote computational science and bring positive influence to fellow students in science and engineering. This dynamics keeps going on and on.