



Janine A. Lafayette

B.S. Computer Science 2004

Fisk University

Faculty Advisor:

Dr. Stephen Egarievwe

Program:

Research Alliance in Math & Science

Email: 9ly@ornl.gov

Research Area: Engineering Science & Technology Division

The project includes rewrite of a computer code that selects the optimal amount of insulation for residential units in about 900 locations using data comprised of 4 fuel types and 4 house types with multiple characteristics. Algorithms for energy-saving estimations will be explored.

Research Mentor:

Therese K. Stovall

Energy & Engineering Sciences Director

Engineering Science & Technology Division

Oak Ridge National Laboratory

Phone: 865 574-0329 Fax: 865 574-9354

Email: stovalltk@ornl.gov