

UAB MATH COLLOQUIUM

Southern Company Data Analytics & Optimization

Coop/Intern Opportunities

September 16, 2022

2:30PM - 3:30PM



VERONICA POWELL

PROJECT MANAGER

EMAIL: vpowell@southernco.com

**Master of Science
Applied Mathematics, 2015**
University of Alabama at Birmingham

**Bachelor of Science, Electrical &
Computer Engineering, 1997**
University of Alabama at Birmingham



JEFF BAKER

MANAGER MODELING & ANALYTICS

EMAIL: jeffbake@southernco.com

PhD, Applied Mathematics, 2007
University of Alabama at Birmingham

**Master of Science, Applied
Mathematics, 1999**
Georgia Tech

**Bachelor of Science of Science,
Mathematics, 1997**
Samford University

ABSTRACT

Southern Power, a subsidiary of Southern Company, is a leading U.S. wholesale energy provider meeting the electricity needs of municipalities, electric cooperatives, investor-owned utilities, and commercial and industrial customers. Southern Power and its subsidiaries own 54 solar, wind, natural gas generating facilities in 14 states with more than 12,500 megawatts of generating capacity. Veronica Powell, MS Applied Mathematics from UAB, and Jeff Baker, PhD in Applied Mathematics from UAB and will discuss coop/intern opportunities at Southern Company and data analytics and asset optimization in Commercial Optimization and Trading at Southern Power.