

Zakiya Ross
El Centro Community College
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Education

Tougaloo College, Jackson, MS
B.S. in Biology

Florida A&M University, Tallahassee, FL
M.S. in Cellular & Molecular Biology

Thesis: The Influence of Priming on Germination and Soil emergence of Non-aged and Aged Annual Ryegrass Seed

Teaching Experience

Columbia High School
August 2010-2014

Educator- Biology (Regular/Honors/AP); AP Environmental Science

Prepare and deliver lectures to students on topics in molecular biology, marine biology, environmental science and botany. Evaluate and grade students' class work, laboratory work, assignments, and papers. Prepare course materials such as syllabi, homework assignments, and handouts. Compile, administer, and grade examinations, or assign this work to others. Supervise students' laboratory work. Train colleagues to operate FOCUS, (County based grade and record keeping system) and troubleshoot computer based technical issues within the Science Department. Keep abreast of developments in my field by reading current literature, talking with colleagues, and participating in professional conferences throughout the school year and during the summer.

Axia College-University of Phoenix
August 2010-2014

Associate Faculty- Natural Sciences

Creating a learning environment that stimulates active learning by specifying course reading materials and tailoring discussion forums appropriate for entry level college students in the area of environmental science. Observing student discussions and participating in them to keep the discussion focused on subjects related to the weekly learning objectives. Evaluating the understanding of learning objectives through weekly checkpoint assignments as well as more in depth work requiring further critical thinking of the required topics.

Florida A&M University
January 2007 – July 2009

Research Assistant/ Laboratory Instructor

Duties: Performing supervision and training of undergraduates. Designing, administering, and grading written quizzes, exams, and laboratory practicals encompassing the material covered in lecture. Frequently assisting students with questions and work assigned in their coordinating lecture class.

Publications and Papers

“Effectiveness of Seed Matricconditioning on Germination and Storability Parameters of Creeping Bentgrass,” Hacisalihoglu, G. Ross, Z., *Proc. Fla. State Hort. Soc.* 122: 2009.

“The influence of priming on germination and soil emergence of non-aged and aged annual ryegrass seeds,” Hacisalihoglu, G. and Ross, Z. (2010), *Seed Sci. & Technol.*, 38, 223-226

“Effectiveness of Seed Matricconditioning on Germination and Storability Parameters of Creeping Bentgrass,” Hacisalihoglu, G. Ross, Z., Florida State Horticultural Society Annual Conference, June 7th-9th, 2009.

“Enhancement of grass seed parameters by seed priming,” Hacisalihoglu, G., Olufemi, Z., Annual Eli Lilly/Florida A&M University Student Research Forum, October 9th-10th, 2008.