

Courtenay G. Miller, Ph.D.
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Education

- ♦ **Ph.D. Curriculum and Instruction; Mathematics Education**
University of Louisville; Louisville, KY.
Conferred December 2011
Ph.D. Thesis-*Yes We Can Achieve In Mathematics and Why We Don't: African American Female Eleventh and Twelfth Grade Students In A Career And Technical Setting*
ACCLAIM Doctoral Program-Coursework from the following five universities was completed for this doctoral degree: University of Louisville, University of Kentucky, Ohio University, University of Tennessee, and West Virginia University
Dean's Citation
Area of Concentration-Mathematics Education

- ♦ **MA Secondary Mathematics and Education**
University of Kentucky; Lexington, KY.
Conferred May 2000
Area of Concentration-Mathematics Education

- ♦ **BA Secondary Mathematics and Education; Minor: Statistics**
University of Kentucky; Lexington, KY
Conferred May 1998

- ♦ DuPont Manual High School
Class of 1992
Valedictorian out of 320 students

Professional Experience

College of Coastal Georgia	August 2014-Present
Assistant Professor of Mathematics Education	
Dr. Michael Hazelkorn, Dean	

Key Responsibilities

Instructor for the following mathematics classes: MA 4510 Foundations of Statistics and Probability, MA 3520 Algebra and Proportionality, MA 3510 Explorations in Geometry and Measurement, MA 2008 Foundations of Numbers and Operations, MGED 4028

Effective Instruction: Mathematics, SCED 3022 Mathematics Methods in Secondary Education.

Great Oaks Institute of Technology CDC
Mathematics Instructor
Mathematics Department Chair

August 2001-July 2014

Key Responsibilities

Instructor for the following mathematics classes: Algebra I, Algebra II, Geometry, Pre-Calculus, College Algebra, and Statistics.
Design learning outcomes and personalize curricula for the above mathematics courses
Provide intervention for students needing to pass the Ohio Graduation Test (OGT) both at Scarlet Oaks and at Cincinnati State Technical and Community College
Plan and facilitate mathematics department meetings
Strategically manage the mathematics budget as department chair
Order supplies for mathematics instructors
Monitor textbook and software selection
Observe mathematics colleagues in their classrooms and offered insight for the purpose of maximizing student achievement and engagement
Gather and analyze school-wide Algebra II and College Algebra data for the purpose of developing an action plan for Algebra II and College Algebra students
Scarlet Oaks Algebra II Data Team-Secretary
Engage in continuous improvement through professional development activities
Scarlet Oaks Leadership team member
Scarlet Oaks Literacy team member
Co-sponsor of the National Technical Honor Society
Co-sponsor of the Student Equity Council
Co-sponsor of One Community (inclusion for all students)
Assessment for Learning Team Member-Algebra II; Pre-Calculus

Accomplishments

Voted Applause Magazine's "African American Leader of the Future"
Received exemplary evaluations from curriculum supervisors and administration
Northern Kentucky University Parent Advisory Board Member-Multicultural Ambassador
Educational Tutoring Services Coordinator-Hope For You Family Life and Worship Center
Appalachian Collaborative Center for Learning, Assessment, and Instruction in Mathematics (ACCLAIM) Leadership Institute
African American Professional Development Symposium Panelist
Scarlet Oaks Teacher Mentor

Teen Bible Class Facilitator-Hope For You Family Life and Worship Center

University of Cincinnati Blue Ash

August 2012-June 2014

Mathematics Instructor
Adjunct

Key Responsibilities

Instructor for the following mathematics classes: Introduction to Algebra I, Introduction to Algebra II, Preparatory Mathematics, and Fundamentals of Algebra

Hocking College

August 2004-July 2014

Mathematics Instructor
Adjunct

Key Responsibilities

Instructor for College Algebra

Professional Development

2014-2015

Excel refresher training
Active Shooter training
edTPA training
Desire2Learn technology training for use with teaching courses
COAST technology training

Educational Committee Membership

2014-2015

Co-Advisor for the Association of Coastal Educators (ACE) at the College of Coastal Georgia.
Co-Advisor for SCEA
Committee member of the Math and Science Expo Bowl
Spoke at Wayne County High School's Career Fair
Participated in St. Simons Elementary School Career Day
Participated in the Big Read at Altama Elementary School
Faculty member as part of the committee to serve food to students the night before finals start (December, 2014; May, 2015)
Participated in Expanding Your Horizons
CCGA Senate Representative
Committee member of the Committee on the Amalgamation of Programs and Services (CAPS).

Co-PD of the Teacher Quality Grant: Teaching Math through the Culinary Arts
Co-PD of the Mathematics and Science Partnership (MSP) Program Grant
Search Committee Member: Coordinator of Student Engagement and Intercultural Programs

Publication

Mayes, C. (2007, January). A review: Rooted in place: Family and belonging in a southern black community. *Rural Mathematics Educator*, 5(3).

Presentations

Mayes, C., Brown, E. L. (2007, June). *Understanding and Reducing Mathematics Anxiety in 9th Graders: Influencing Perceptions and Behaviors toward Mathematics*. Accepted for presentation at the Annual Learning Conference. Johannesburg, South Africa.

Mayes, C. (2006, February). *The ACCLAIM Mentored Internship (2005-2006)*. Presented at the Centers for Learning and Teaching 5th Annual Principal Investigators Meeting. Washington, DC.

Mayes, C., Granade, S., Schlesinger, P., Waggoner, D. (2006, April).

Mathematics Anxiety Perceptions of College Students. Presented at the National Council of Teachers of Mathematics. St. Louis, Missouri.

Brown, E. L., Johnson, V., Lewis, B., Morgan, C., **Mayes, C.** (2002, November). *Affecting student perceptions through photography, mentoring, and immersion: a cultural perspective in black and white*. Presented at the Twenty Second Annual Lilly Conference on College Teaching. Oxford, Ohio.

Brown, E. L., **Mayes, C.**, Martin, M. (2000, June). *Effectively transmitting multicultural precepts and fostering cultural diversity sensitivity in an increasingly restrictive environment*. Presented at National Conference on Race & Ethnicity in American Higher Education. Santa Fe, NM.

Brown, E. L., **Mayes, C.** (2000, November). *Future Teachers, "Picture This": Whose Culture? Whose Community?* Presented at the Twentieth Annual Lilly Conference on College Teaching. Oxford, Ohio.

References

Dr. Elinor Brown
Professor-Curriculum and Instruction
College of Education
University of Kentucky
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Professor-Mathematics Education
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College of Education, Health and Human Services
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Dr. William Bush
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