

LeighAnne Locke, Assistant Professor

Oral Roberts University
College of Science & Engineering
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Professional Preparation

B.S., Mathematics with Secondary Certification, 1997, Oral Roberts University, Tulsa, OK.
M.S., Applied Mathematics, 1999, University of Tulsa, Tulsa, OK.

Appointments

Assistant Professor:

Oral Roberts University, Tulsa OK Aug. 2009 – Present

Instructor:

Oral Roberts University, Tulsa OK Aug. 2000 – Aug. 2009

Adjunct Instructor:

Tulsa Community College, Tulsa OK Jan. 2000 – May 2000

Adjunct Instructor:

Rogers State University, Claremore OK Jan. 2000 – May 2000

Research Interests and Expertise

- Role and use of writing in mathematics curriculum
- Mathematics Education and mathematics curriculum, P-12 and higher education
- Undergraduate research, education, and diversity in higher education

Publications

Vincent E Dimiceli, Andrew SID Lang, **LeighAnne Locke**, Teaching Calculus with Wolfram | Alpha, *International Journal of Mathematical Education in Science and Technology*, 41(8), 2010.

Major Awards and Honors

- Whole Person Assessment Outstanding faculty member, 2010-2011.
- Alumni Faculty Recognition Award for teaching, Oral Roberts University, 2002.
- Outstanding Faculty, Computer Science & Mathematics Department, Oral Roberts University, 2002-2003.

Grant Projects

- Mathematics Improvement Project, 2009, 2010. Content Specialist, Trainer, Curriculum Design
- TICK=SAM (Subject Area training for Middle School Teachers), 2005, 2006, 2007. Content Specialist, Trainer, Curriculum Design

Synergistic Activities

- Member of NCTM, KME
- Mathematics Education major advisor, University Supervisor for Student Teaching in mathematics
- Writing Across the Curriculum Director (2010, 2011) and WAC committee member since 2001
- Chair Criterion 3-HLC reaccreditation committee, Institutional Improvement and Student Learning committee
- Faculty Curriculum Transfer Committee –Mathematics, Course Equivalency Project, Oklahoma State Regents for Higher Education
- Certification Examination for Oklahoma Educators, Item Review Committee
- Whole Person Appeal Committee member