

## **LeighAnne Locke, Assistant Professor**

Oral Roberts University  
College of Science & Engineering  
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### **Professional Preparation**

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

### **Grant Projects**

- Resubmitting MASST grant proposal to NSF Noyce Program, March 2015
- Submitted MASST grant proposal to NSF Noyce Program, March 2013, 2014
- 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

### **Major Awards and Honors**

- Outstanding Faculty Service Award, Computing and Mathematics Department, 2013-2014
- Outstanding Faculty Member (ECPM), 2012-2013.
- Whole Person Assessment Outstanding faculty member, 2010-2011.

### **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.

### **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
- Institutional Improvement and Student Learning committee
- Faculty Curriculum Transfer Committee –Mathematics, Course Equivalency Project, OSRHE
- Certification Examination for Oklahoma Educators, Item Review Committee
- Whole Person Appeal Committee member