

Mikal W. McDowell

EDUCATION

- 2001 M.A.T., Mathematics Education.
The University of Texas at Dallas, Richardson, Texas
Focus: Teaching mathematics at the community college
- 1997 B.A., Interdisciplinary Studies
The University of Texas at Dallas, Richardson, Texas
Major: Mathematics, English; Minor: Education
- 1995 Associates Degree of Arts and Sciences
Dallas County Community College District, Texas

TEACHING EXPERIENCE

Teaching experience includes delivery in lecture/discussion, self-paced, online, and hybrid formats and in learning communities.

- fall 2000 - present **Cedar Valley College**, Lancaster, Texas
Professor of Mathematics
- Courses Taught
Calculus
Business Calculus
Pre-Calculus
Trigonometry
College Algebra
Mathematics for Secondary Teachers
Elementary Statistics
Intermediate Algebra
Introductory Algebra
Pre-Algebra
- fall 2005 - spring 2007 **Navarro College**, Waxahachie, Texas
Adjunct Professor of Mathematics, Elementary Statistics
- fall 1997 - spring 2000 **North Mesquite High School**, Mesquite, Texas
Mathematics Teacher

PROFESSIONAL ORGANIZATIONS

American Mathematical Association of Two-Year Colleges (AMATYC)
Texas Community College Teachers Association (TCCTA)
Dallas County Community College Faculty Association
Cedar Valley College Faculty Association

AWARDS AND RECOGNITION

2009 Retention and Success Grant for using the MyMathTest program
2008 Selected for *Who's Who Among Community College Teachers in America*.
2006 *Cedar Valley College President's Award*. This award was a special recognition for work in designing the Tutoring Center.
2005 - 2010 Reviewer/Editor for numerous mathematics texts
2001 - 2010 Nominated for *Excellence in Teaching*, Cedar Valley College

PRESENTATIONS/WORKSHOPS

spring 2010 Workshop: *Writing Student Learning Outcomes*
spring 2010 Presentation: Quality Enhancement Plan: *Creating Math Empowered Students*
spring 2009 Presentation: *The new CORE 2009*
fall 2009 Presentation: *Hybrid courses and Success Strategies*
fall 2005 Presentation: *Success in Math for First-Generation College Students*

INSTITUTIONAL SERVICE

fall 2010 - present Co-Chair: SACS *Quality Enhancement Plan (QEP) Committee*
spring 2010 - present SACS Assessment Committee
spring 2010 Chair: *Mathematics Faculty Search Committee*
spring 2010 Co-Chair: *SACS Assessment Committee*
fall 2009 - fall 2010 Redesign of college space for mathematics classrooms and resource center.
fall 2009 - present Early Retention Alert program
spring 2009 Search committee: *English faculty*
fall 2008 - fall 2009 CORE 2009 Dallas County Community College District Committee
fall 2007 Search committee: *Mathematics Instructional Associate*
spring 2006 - present Faculty hiring prioritization committee
fall 2005 Cedar Valley College Master Planning Committee
spring 2005 Search committee: *Director of the Tutoring Center*

fall 2004 - spring 2005	Tutoring Center design committee
fall 2003 - spring 2004	Taught courses at the University of North Texas South Campus to build a partnership between our colleges.
fall 2003 - spring 2004	Implementation of Exemplary Educational Outcomes and Intellectual Competencies into the mathematics and developmental mathematics program.
fall 2003 - spring 2004	Evaluation of the CORE committee
fall 2001 - spring 2004	Mathematics Coordinator Cedar Valley College
fall 2001 - fall 2002	Cedar Valley College Faculty Officer
spring 2003	Search committee: <i>Mathematics Visiting Scholar</i>
spring 2002	Search committee: <i>Mathematics faculty</i>
fall 2001 - present	Phi Theta Kappa mentor
fall 2001 - spring 2004	Dallas County Community College District Mathematics Curriculum Committee

PROFESSIONAL DEVELOPMENT

Quality Matters – Online Instructional Training
 2008 Dallas Tele-college

Staff Enrichment
 2007 Learning College Workshop, Data for Decision Making, Diversity Training

American Mathematical Association of Two-Year Colleges (AMATYC):
 2007 Minneapolis, Minnesota
 2005 San Diego, California
 2003 Salt Lake City, Utah
 2002 Phoenix, Arizona

Texas Community College Teachers Association (TCCTA) conferences attended:
 2007 Austin, Texas
 2006 Ft. Worth, Texas
 2004 Houston, Texas

International Conference on Technology in Collegiate Mathematics:
 2004 New Orleans, Louisiana

COMMUNITY SERVICE

spring 2001 - fall 2009	Trinity Church: Children’s Ministry
spring 2009 - present	Food Pantry: Cedar Hill, Texas
spring 2007 - spring 2009	Assistant Baseball Coach: <i>Ovilla, Rattlers</i>