

*Department of Mathematics and Computer Science
Northwestern Oklahoma State University
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EDUCATION

M.Ed. Adult Education Management, July 2015, Focus: Mathematics Education, Northwestern Oklahoma State University
Advisor: Dr. Mary J. Riegel
Master Thesis: Using Discrete Mathematics in the K-12 Classroom to Inspire Students to Enjoy Mathematics.
B.A. Pure Mathematics, May 2008, The Master's University, Santa Clarita, California
Advisor: Dr. Michael Button

TEACHING
EXPERIENCE

Mathematics Instructor, Northwestern Oklahoma State University, Fall 2013–Present.

Math 0115, Beginning Algebra

- *Semester Taught:* FA 17(2), SP 18
- **Duties:**
 - Taught self-contained sections.
 - Instructor of Record.
 - Wrote syllabus, quizzes, and exams.
 - Develop Student teachers
 - Created Math 0115 by redesigning two math courses, Math 0013 and Math 0123, content and structure to eliminate one level of remediation.

Math 1514, College Algebra with Lab

- *Semesters Taught:* FA 17, SP 18
- **Duties:**
 - Renamed Math 1513 College Algebra with review to a new self-contained course.
 - Instructor of Record.
 - Wrote syllabus, quizzes, and exams, collaborated with other instructors on course content and structure.

Math 0123, Intermediate Algebra

- *Semesters Taught:* FA 13, SP 14, SU 14, SU 15, SU 16, SP 17
- **Duties:**
 - Taught self-contained classes.
 - Instructor of Record
 - Wrote syllabus, quizzes, and exams.

TEACHING
EXPERIENCE
CONTINUED

Math 0013, Pre-Intermediate Algebra

- *Semester Taught:* FA 13(2), SP 14, SU 14, FA 14(2), SP 14, FA 15(2), SP 16, SU 16, FA 16(2), SP 17
- **Duties:**
 - Taught self-contained sections.
 - Instructor of Record.
 - Wrote syllabus, quizzes, and exams.
 - Develop Student teachers
 - Fall 2016 redesigned the course content and structure to eliminate one level of remediation.
 - In 2016 Piloted a new Summer Jump Start mathematics class for incoming freshman, who were part of a grant.
 - * Collaborated with another professor in the English Department.
 - * Took students on educational field trips.

Math 1513, College Algebra with Review

- *Semesters Taught:* SP 15, SP 16(2), FA 16, SP 17
- **Duties:**
 - In the Spring of 2015 designed and piloted a new self-contained course.
 - Instructor of Record.
 - Wrote syllabus, quizzes, and exams, collaborated with other instructors on course content and structure.
 - Develop student teachers.

Math 1513, College Algebra

- *Semesters Taught:* FA 13, SP 14, Sp 15, FA 15, FA 17
- **Duties:**
 - Piloted new technology in the classroom in 2013.
 - Instructor of Record.
 - Wrote syllabus, quizzes, and exams, collaborated with other instructors on course content and structure.

Math 3042, Math Technology

- *Semesters Taught:* SP 17
- **Duties:**
 - In the Spring of 2017 redesigned the course content and structure.
 - Instructor of Record
 - Wrote syllabus, assessments, and final project.
 - Co-taught with another Mathematics Professor during the Spring 2017 semester.

Math 1403, Contemporary Mathematics

- *Semesters Taught:* SP 18
- **Duties:**
 - Instructor of Record
 - Wrote syllabus, quizzes, and exams.
 - Collaborated with other professors in the department on topics covered.

TEACHING
EXPERIENCE
CONTINUED

Full-Time 8th Grade Pre-Algebra Teacher, Will Rogers Junior High School, Claremore, Oklahoma, Fall 2011–Spring 2013.

- Taught five self-contained sections each year with approximately 25 students each.
- Wrote syllabus, collaborated with other instructors on course content and structure. Administered all grades. Prepared students for the 8th Grade Oklahoma Core Curriculum Test.
- Lead in course redesign at WRJH for the 6th, 7th and 8th grades mathematics courses, which prepared the WRJH mathematics department for the transition to the Oklahoma Common Core Curriculum Standards.

Full-Time Mathematics Remediation Teacher, 6th, 7th, and 8th Grade Mathematics, Will Rogers Junior High, Claremore, Oklahoma, Fall 2010–Spring 2011.

- Worked in five small self-contained classes with approximately 10 students each.
- Developed innovative and creative learning methods to enhance mathematics skills in challenged students.
- Direct efforts increased test scores on the 2011 Oklahoma Mathematics State Test by 5 percent at the 6th grade level, 3 percent at the 7th grade level, and 10 percent at the 8th grade level.

Graduate Teaching Assistant, Pittsburg State University, Pittsburg, Kansas, Fall 2008–Fall 2008. Part-time Teaching.

- Taught one small self-contained College Algebra with Review class with approximately 30 students.
- Wrote syllabus and determined course content and structure.
- Worked with other Graduate Teaching Assistants in developing lesson plans.

Substitute Teacher, Bartlesville Public Schools, Bartlesville, Oklahoma, January 2009–September 2009. Part-time teaching.

- Provided student instruction across seven courses and over 56 hours.

KEENAN RANDO MEEKER

RELATED EXPERIENCE

Mathematics Tutor, Zilem Learning Center, Verdigris, Oklahoma, November 2010–May 2012.
Part-time tutoring.

- Tutored 16 students across eight diverse mathematics courses ranging from 3rd grade mathematics to Trigonometry.

Mathematics Tutor, The Master's College, Santa Clarita, California, August 2007–December 2007. Part-time tutoring.

- Tutored students across nine diverse mathematics courses ranging from basic mathematics to Calculus.

SERVICE

NWOSU Regional Science Fair Judging, Northwestern Oklahoma State University, February 2014–Present.

Heartland BEST Steering Committee, Northwestern Oklahoma State University, Fall 2013–Present.

Ranger Preview, Northwestern Oklahoma State University, Represented the Department of Mathematics and Computer Science, November 2014, February 2014, and November 2013.

PROFESSIONAL DEVELOPMENT ATTENDEE

Use of Live Text to Create Your Faculty Portfolio, Northwestern Oklahoma State University, February 27, 2014.

Capture Creativity: Developing & Teaching New Skills for Today's Students, Webinar, Northwestern Oklahoma State University, November 15, 2013.

COMMITTEE INVOLVEMENT

Student Affairs Committee

- **Years on Committee:** 2014-2015, 2016-2017, 2017-2018

- **Duties:**

- As a committee member I reviewed the appeals of students who have been academically suspended.

Honors Committee

- **Years on Committee** 2014-2015, 2015-2016, 2017-2018

- **Duties:**

- The Honors Committee consists of faculty from both academic schools and is designed to enhance the educational opportunities of exceptionally gifted students. I have been part of the review process of students applying to the Honors program.
- As a committee member I am involved in the advising process as well as designing courses that will help these students achieve their maximum intellectual potential.

KEENAN RANDO MEEKER

PROFESSIONAL MEMBERSHIPS

Association of Christians in the Mathematical Sciences (ACMS)
Kappa Mu Epsilon (KME)
Mathematical Association of America (MAA)
National Association for Developmental Education (NADE)

CONFERENCES ATTENDED

ACMS: Biennial Conference, Charleston Southern University, Charleston, SC, May 2017.
MAA OK-AR Section Meeting, University of Oklahoma, Norman, OK, April 2017.
NADE: Winds of Change 2017 National Conference, Oklahoma City, OK, March 2017.
MAA OK-AR Section Meeting, University of Tulsa, Tulsa, OK, April 2015.

TALKS AND PRESENTATIONS

“Accelerated Developmental Courses: NWOSU’s Summer Jump Start Program” (50 minutes)
NADE 2017 Winds of Change National Conference; Oklahoma City, OK (3/2/2017).