

JODI D. ACKER

Principal Lecturer

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University of North Texas

Mathematics Department

1155 Union Circle, Denton, TX 76203



EDUCATION

Master's Degree in Mathematics | Texas A&M University – Commerce | 2007

Bachelor's Degree in Mathematics, Certified in Secondary Education | Texas A&M University – Commerce | 2002

TEACHING EXPERIENCE

Principal Lecturer | University of North Texas

2024 – PRESENT

- **Leadership Roles**
 - Early Math Support Director (2024 – Present)
 - Supervise faculty who teach entry-level classes and TSI Incomplete.
 - Work collaboratively with faculty to implement best practices.
 - Work in partnership with the Student Success/TSI Office.
 - Work collaboratively with the director of the Math Lab.
 - Oversee and schedule the Early Math Support (EMS) Lab.
 - Assist the Vice Chair of Professional Faculty on hiring and scheduling adjuncts.
 - Gather data and prepare documents or reports regarding departmental activities.

Senior Lecturer | University of North Texas

2019 – 2024

- **Experience teaching:**
 - MATH 340 (Integrated Pre and Beginning Algebra)
 - MATH 350 (Beginning Algebra)
 - MATH 1100 (Algebra - TSI Incomplete)
 - MATH 1100 (Algebra)
 - MATH 1100 + UGMT 1300 (Algebra and Corequisite Support Course)
 - MATH 1580 (Survey of Mathematics with Applications)
- **Teaching Modalities**
 - Face-to-Face lecture | Online/Distance course | Remote (synchronous)
- **Leadership Roles/Committees**
 - Lecturer Evaluation Committee (2022 – 2024)
 - Developmental Math Coordinator (2019 – Present)
 - TSI Advising Group (Fall 2019 – Present)
 - Summer Bridge Program Leader (2023)
 - Lecturer I Search Committee – Chair (2022)
 - Lecturer II Search Committee Member (2022)
 - Faculty Mentor (2021 – 2023)

- Academic Misconduct Committee (2021, 2022)
- Undergraduate Affairs Committee (Fall 2020 – 2022)
- Math Education Search Committee Member (2021)
- Visiting Lecturer Search Committee (2021)
- Math Adjunct Award Committee Member (2020)
- Math Lecturer Search Committee Member (2020)
- Lecturer Search Committee (2019)
- **Course Coordination**
 - **Coursera MATH 340 Course**
 - Create 150+ personal lecture videos
 - Update Canvas to appeal to students
 - Thoughtfully curate the curriculum to transfer from in-class to online
 - **MATH 340 (Integrated Pre and Beginning Algebra)**
 - Create syllabi, update calendar and maintain the LMS template to be used by instructors.
 - Mentor and coach new instructors, along with regular communication.
 - Create exams, including the final exam.
 - Create and update in-class set of notes.
 - Develop the online homework in MyMathLab to be used by all instructors.
 - Created alternative assignments for visually impaired students
 - **MATH 350 (Beginning Algebra)**
 - Create syllabi, update calendar and maintain the LMS template to be used by instructors.
 - Regularly communicate with instructors.
 - Create exams, including the final exam.
 - Create and update in-class set of notes.
 - Develop the online homework in MyMathLab to be used by all instructors.

Instructor | North Lake College, Dallas County Community College District

2009 – 2019

- **Experience teaching:**
 - DMAT 0090 (Pre-Algebra)
 - DMAT 0091 or DMAT 0305 (Beginning Algebra)
 - DMAT 0309 (Beginning Algebra for Liberal Arts)
 - DMAT 0093 or DMAT 0310 (Intermediate Algebra)
 - NCDM 0071 (1-sch support course for College Algebra)
 - DMAT 0315 + MATH 1314 (College Algebra with a 3-sch DMAT Support Course)
 - MATH 1314 (College Algebra)
- **Teaching Modalities**
 - Face-to-Face lecture | Personalized Instruction | Online/Distance course
- **Leadership Roles/Committees/Boards**
 - Co-Coordinator of the Mathematics Department 2018 – 2019

- Meet the Faculty 2012 – 2019
 - Mathematics and Science Celebration Committee 2015 – 2019
 - DCCCD Math Curriculum Committee 2017 – 2018
 - Pearson Digital Advisory Board 2014 – 2017
 - DCCCD Developmental Task Form 2011 – 2012
 - Member of the Wildfire Professional Development Institute 2010 – 2013
- **Course Coordination**
 - Pre-Algebra
 - BASE NCBO (Basic Education Non-Course Based Option)
 - NCBO for Math (Non-Course Based Option)
 - **Course Redesign**
 - **NorthStar** - NorthStar was a non-traditional combination of Beginning Algebra (DMAT 0305) and Intermediate Algebra (DMAT 0310), because it did not use a textbook, nor any online homework and the only online component was Blackboard.
 - **NorthStar 2.0** - NorthStar was a non-traditional combination of College Algebra (MATH 1314) and just-in-time support (DMAT 0315), because it did not use a textbook, nor any online homework and the only online component was Blackboard

Teacher | Wylie East High School, Wylie ISD

2007 – 2009

Taught six sections of Algebra I (regular and inclusion); collaborated with colleagues on departmental activities; created auditory versions of the algebra test, using PowerPoint, to accommodate students' needs;

Adjunct Instructor | Eastfield College, Dallas County Community College District

2006 – 2007

Taught Basic Math (DMAT 0066)

Teacher | Fossil Hill Middle School, Keller ISD

2003 – 2005

Taught Algebra I to advanced eighth graders and 8th grade math

Teacher | Mabank High School, Mabank ISD

2002 – 2003

Taught Algebra II, Math Models and TAKS Prep for students who had not yet passed the TAKS tests

AWARDS

Faculty Service Award (2024) | University of North Texas

Recognition for my service and contribution to the Mathematics Department.

Innovation of the Year (2013) | North Lake College

Recognition for the creation of the Blazer Success Math Lab (BSML). The Blazer Success Math Lab was designed and created to support developmental math students only. Full-time and Part-time instructors tutored students, along with encouraging good study habits. The atmosphere encouraged active

participation of the students and felt warm and inviting. Also, students could use the time in the BSML to make up any missed absences from class.

GRANTS

UNT President's Office (2024) | University of North Texas

Acker, J.D., Barber, M.A., De La Rosa, L.E., "College-Level At-Risk Retention Proposal," sponsored by UNT President's Office, University of North Texas, \$7000 Funded. (2024 - 2025).

TECHNOLOGY SKILLS

LMS: BlackBoard, Canvas, Canvas Studio

Productivity Software: Microsoft Office (Word, PowerPoint, Excel), Outlook, Teams

Publisher Products: ALEKS (McGraw-Hill), Knewton (Wiley), MyMathLab/MyLabsPlus (Pearson), WebAssign (Cengage)

Additional Resources: [GradeScope](#), [iClicker](#), [Kahoot](#), [PlayPosit](#), [Remind](#), TI SmartView, Zoom