

ANGELA SCHROEDER, M.ED.

angela.schroeder@angelo.edu

EDUCATION

Texas Tech University

PhD candidate Curriculum & Instruction-STEM emphasis 2015

Research: "Texas Educator Preparation Programs"

Research: "Texas High School Requirements for Math and Chemistry:
Correlation between Prerequisite Fulfillment and Concurrent Math Courses"

Research: "A Community of Schools: The Case for Deweyan
Philosophy in the Context of Global Education"

Angelo State University

M.Ed. Student Development and Leadership 2013

Thesis: "Increasing STEM Retention with Community Service Programs"

Recognition: Phi Kappa Phi Inductee

University of Central Arkansas

B.S. Environmental Science 2001

Areas of Concentration: Biology, Geography, and Chemistry

Minor: Chemistry

Undergraduate Research: Environmental Impact Study of Suburban Watershed in Conway, Arkansas

Vice President: Environmental Alliance Club; Member: Biology Club

TEACHING EXPERIENCE

Angelo State University, San Angelo, Texas

Instructor, Curriculum and Instruction 2017-Present

- EDG 6301 Social and Cultural Influences
- EDG 6302 Tests & Measurements
- EDG 6303 Lifespan Development
- EDG 6306 Curriculum & Methodology Trends
- EDG 6313 Foundations of Public School Systems
- EDG 6314 Effective Instruction & Assessment
- EDG 6362 College Student Development
- EDG 6325 Practicum in Counseling
- EDG 6367 Foundations in Academic Advising
- EDG 6369 Assessment of Student Outcomes

Angelo State University, San Angelo, Texas

Adjunct Instructor, Curriculum and Instruction 2016-2017

- EDG 6303 Lifespan Development
- EDG 6306 Curriculum & Methodology Trends

Central High School, San Angelo, Texas

High School Chemistry and Physics Teacher

2008-2017

- Created syllabi, course calendars, and classroom management plans
- Evaluated curriculum to ensure alignment with changes in state standards, and made recommendations for revisions
- Wrote lesson plans aligned with TEKS, including laboratory experiences, using innovative methodologies
- Organized tutorials to facilitate remediation, administered grades, and communicated with stakeholders
- Participated in weekly Professional Learning Communities

River Legacy Living Science Center, Arlington, Texas

Nature and Science Pre-School Teacher

2007-2008

- Developed lesson plans appropriate for 4 year old participants that integrated Early Childhood Outcomes and Texas Prekindergarten Guidelines with science-based instruction

Crater Lake National Park, Xanterra Parks and Resorts, Oregon

Employee Recreation Coordinator

2003-2004

- Created, planned, scheduled, and organized local, state and regionally based recreation activities for national park seasonal employees centered on park and state interpretation
- Designed and wrote the Crater Lake Chronicle
- Provided instruction to park employees related to park interpretation

Arkansas State Parks, Washington, Arkansas

State Park Interpreter, Old Washington Historic State Park

2001-2003

- Led and created programs for park visitors appropriate for a diverse visitor population; including printed materials, active instruction, and self-guided tours
- Developed park curriculum for elementary level field trip experiences
- Worked with the park curator and superintendent to enhance park visitation using innovative interpretation programs targeted to K-12 school groups

RELATED EXPERIENCE AND CERTIFICATIONS

- Field Supervisor Certificate **2018**
Texas Education Agency, Trainer Dr. Tia Agan
- Plagiarism Certificate, Expert Level **2017**
University of Indiana
- Seidlitz Training for High School Math and Science **2017**

San Angelo Independent School District

- Level 3 Technology Proficiency **2017**
San Angelo Independent School District
- Human Subjects Social and Behavioral Investigators Certificate **2016**
Texas Tech University, CITI Program
- Digital Citizenship Training **2016**
San Angelo Independent School District
- Science Lab Enrichment Teacher, Grades 2-5 **2015**
Santa Rita Elementary School
- Texas English Language Proficiency Assessment System **2012**
TELPAS Calibration and Holistic Rating Training, Grades 9-12
- Building Common Assessments Training **2012**
San Angelo Independent School District
- Understanding Youth Culture and Children of Poverty **2011**
Central High School, San Angelo Independent School District
- Texas English Language Proficiency Assessment System **2010**
Level 1 TELPAS Rater Online Training, Grades 2-12
- Introduction to Gifted/Talented Curriculum **2009**
Region XV Education Service Center, 18 credit hours
- Identification and Assessment-Gifted/Talented **2009**
Region XV Education Service Center, 6 credit hours
- Texas Educator Certificate **2008**
Grades 8-12 Composite Science Certification
- School for Field Studies, Boston University **2000**
Undergraduate Field Researcher

PROFESSIONAL MEMBERSHIPS

- The Honor Society of Phi Kappa Phi, 2013- Present, Secretary, 2017-2019
- International Society for Technology in Education-ISTE, 2016-Present
- ASCD, 2015-Present
- Texas Association of Teacher Educators, 2017-Present

COMMITTEES AND SERVICE ORGANIZATIONS

- Academic Initiatives Committee, Department of Curriculum and Instruction, 2017-2018
- Teaching and Curriculum and Instruction Specialization Area Team, Department of Curriculum and Instruction, 2017-2018
- Santa Rita Parent Teacher Organization, 2011-2018
- Lee Middle School Parent Teacher Organization, 2017-2018

PUBLICATIONS

Schroeder, A. (2017). Texas teacher shortages: Solutions offered by an examination of the 2013 TALIS. *The Texas Forum of Teacher Education*, 7, 71-81.

Schroeder, A. (2016). The math-chemistry connection: Using data to make student-centered decisions. *The Statellite*, 60(3), 45-46.

PRESENTATIONS

Schroeder, A. & Tasker, T. (2019, June). *Field supervisor support and perceptions of preparedness: meeting the needs of all teacher candidates*. Presentation at the Texas Association for Teacher Educators Summer 2019 Conference, Austin, TX.

Engle, J., Tasker, T., & **Schroeder, A.** (2019, May). *Feedback that rocks: Composing rubrics for personalization and consistency*. Presentation at the United States Distance Learning Association 2019 National Conference, Nashville, TN.

Tasker, T., Engle, J., & **Schroeder, A.** (2018, October). *Transforming feedback: Using rubrics to promote student reflection and personalize responses*. Presentation at the Consortium of State Organizations for Texas Teacher Education Fall 2018 Conference, San Antonio, TX.

Schroeder, A. (2018, September). (Accepted). *Using citizen science in the early elementary classroom*. Presentation at the 2018 Conference for the Advancement in Science Teaching, Fort Worth, TX.