

ALICE N. SNOW
McNeil High School
Mathematics Department

CURRENT POSITION:

2008-Present **Round Rock Independent School District, Round Rock, Texas**
Teacher. McNeil High School, Algebra I and II, Math Modeling, Math Power, Math Intervention, Current: Precalculus, and Calculus

EDUCATION

2008 - 2009 **Austin Community College, Center For Teacher Certification, Austin Texas**
Alternative Certification Program for Math/Science 4-8th and Mathematics 9-12th grades.

2005 – 2007 **Austin Community College; Austin, Texas**
As refresher, math courses (Algebra through Calculus II, Differential Equations and Statistics)

1983 – 1984 **University of Oklahoma; Norman, Oklahoma**
Post graduate studies in Geological Engineering

1977 – 1982 **University of Missouri-Rolla; Rolla, Missouri**
Bachelor of Science, Geology; 1982, Graduated Cum Laude
Post graduate studies in Geophysics

CERTIFICATIONS

Certification in High School Mathematic and Middle School Mathematics and Science
Highly Qualified: Math 8-12, Math/Science 4-8
Passed, February 2008 – Math/Science 4-8
Passed, April 2008 – Math 8-12
Passed, June 2008 – Pedagogy and Professional Responsibilities EC-12

RELEVANT COURSE WORK

Certification in High School Mathematics and Middle School Mathematics and Science May 2009.
Pedagogy and Professional Responsibilities (EDTC 3000).
Successful Teaching Practices (EDTC 3004).
Supporting the Teaching Experience (EDTC 3005).
ACC Tutoring with Vision program.
Site-based observations.

PROFESSIONAL PREPARATION AND PRIOR TEACHING EXPERIENCE

11 years substitute teacher/replacement teacher (mostly in Middle School and High School)
Volunteer geosciences teacher and math tutor

2007 – 2008 **Austin Community College, Austin Texas**
Volunteer. Tutors With Vision, 8th Grade math tutoring at Bedichek Middle School.
Partners in Education, high school math tutoring at Crockett High School

1999 – 2007 **Brentwood Christian School; Austin, Texas**
Substitute teacher. Substituted as needed for all grades, K-12.
Volunteer. Assisted in administrative duties in school office.

1996 –1999 **Prince of Peace Christian School; Carrollton, Texas**
7th and 8th Grade Language Arts Instructor (replacement teacher, Fall 1998).
Instructor for grammar and literature; developed lesson plans, syllabi for three novels, and quarterly projects.
Substitute teacher. Substituted as needed for all grades, K-8.
Volunteer. Assisted in administrative duties in school office.

Resume of ALICE N. SNOW

- 1995 – 1999** ***Heard Natural Science Museum; McKinney, Texas***
Volunteer, Geosciences Outreach Program. Developed and taught classes and labs for 3rd - 12th grade; curriculum included geology, mineralogy, crystallography, petrology, structural geology, and paleontology.
- 1980 – 1982** ***University of Missouri-Rolla; Department of Geology and Geophysics, Rolla, Missouri***
Undergraduate teaching assistant. In charge of mineralogy, paleontology and structural geology laboratory programs; field assistant at geology field camp.

OTHER PROFESSIONAL EXPERIENCE

Kerr-McGee Corporation; Contract Consultant – Hydrologist; Oklahoma City, Oklahoma; 1989 – 1994

United States Geological Survey, Water Resources Division; Hydrologist; Oklahoma City, Oklahoma; 1987 – 1988

Oklahoma Corporation Commission - Oil and Gas Division; Petroleum Geologist; Oklahoma City, Oklahoma; 1984 – 1986

Job Duties:

Collaborated with other team members on numerous environmental and hydrological projects at refining, chemical, oil and gas, and mining sites:

- Investigated and removed underground gasoline storage tanks;
- Prepared closure permits for hazardous waste sites;
- Mapped groundwater flow and contamination;
- Hydrocarbon contamination studies, aquifer water quality assessments and impact, computer mapping, and review of Superfund technologies;
- Provided technical expertise in water pollution and waste disposal;
- Performed site inspections.

ADDITIONAL SKILLS

Lesson planning and development
Working collaboratively in teams
Data entry and analysis
Report writing and editing
Regulation and rule interpretation
Public involvement and communication
Work planning, scheduling and project management

VOLUNTEER SERVICE

Bedichek Middle School – tutoring 8th grade math students
Crockett High School – tutoring high school math students
Montopolis Friendship Center – volunteer at outreach clothing store
Crestview United Methodist Church – Worship Chair, homebound communion delivery
Rodriguez Elementary School – geology presentation to 4th grade classes
Mobile Meals – Program Coordinator, menu preparation, cook and deliver meals
Brentwood Christian School – Homeroom Sponsor, office volunteer

TECHNOLOGY SKILLS

MS Word, MS Excel, MS PowerPoint, Accelerated Math (self-paced math for middle school), Mathematica (math software), Minitab (statistical analysis software)