

Angela R. Bartholomay

Education

2005-2007 M.S., Science, Bemidji State University
Master's Thesis; Science Education by Distance Learning to that in a Traditional Setting
Honors
Defended; Sept. 2006
Degree confirmed March 2007

1978-1980 Bachelor of Science, Geology, Environmental Science
Minot State University, Minot ND
Degree confirmed May 1980

1976-1978 Associates of Science, Forestry/ Parks and Recreation
NDSU-Bottineau, Bottineau, ND

Teaching Experience

November 2009- present

Associate Professor (tenured), Science, Dakota College at Bottineau (August 2017- Present)

Assistant Professor, Science, Dakota College at Bottineau (August 2011- May 2017)
Courses: Introduction to Chemistry (Chem 115), General Chemistry I (Chem 121), General Chemistry I Honors (Chem 121H), General Chemistry II (Chem 122), General Chemistry II Honors (Chem 122 H), Introduction to Organic and Biochemistry (Chem 116), Soils (Soil 210), Concepts of Anatomy and Physiology (Biol 115), University Physics I,II Lab (PHYS 251,252), College Physics I,II Lab (PHYS 211,212), Leadership Through Service (UNIV 101,102,201,202), Physical Geology (GEOL 105) Concepts of Physics (PHYS 111)

August 2010-present

Online instructor, Dakota College at Bottineau
Course; Physical Geology (Geol 105)
Environmental Science (Biol 124)

August 1992-201

Science Instructor (9-12), Bottineau Public School, Bottineau, ND
Courses; Physical Science, Chemistry
Head Volleyball Coach, Assistant Basketball Coach, Assistant Track Coach, Science Olympiad Coach, Science Club Advisor, Class Advisor

August 1980-1992

Science Instructor (5-12), Willow City School, Willow City, ND
Courses; Elementary science, Life Science, Earth Science, Physical Science, Biology, Chemistry, Anatomy/Physiology, Physics
Head Basketball Coach, Assistant Volleyball Coach, Head Track Coach, Science Olympiad Coach, Science Fair Coordinator, ND Science Curriculum Committee

Other Related Work Experience

May 1977- August 1984

Ranger/Interpreter; North Dakota Parks Service

Publications;

Angela R Bartholomay (1995, October) ND Wetlands Discovery Guide, Co-author, evaluator, Field tester.

Angela R Bartholomay (1993, July) Project Learning Tree Activity Guide, Co-author, evaluator, Field tester.

Angela R Bartholomay (2000, July) Discover a Watershed, Missouri River Educator's guide, Co-author, evaluator, field tester

Angela R Bartholomay (2002) Project WET Correlation to the ND Content Standards Document Contributor

Angela R Bartholomay (2002) Project Learning Tree Correlation to the ND Content Standards Document, Contributor, Coordinator

Professional Development

Project WET Facilitator (1990-present) Lead Facilitator (2005- present)

Annual watershed institutes, annual facilitator trainings, numerous Credit Classes, water festivals (Dickinson, Minot, Williston, Bottineau, Fort Totten)

Project Learning Tree Facilitator (1995- present)

5 institutes, numerous credit classes

ND Space Grant (2010-present) Teacher training institute

Invited Talks;

Angela R Bartholomay; (2010- Present) "Why Study Chemistry?" Outreach speaker for Dakota College

Angela R. Bartholomay (2017-2018) "Washing Water" STEM Day Williston, Minot, Bismarck, Jamestown

Angela R. Bartholomay (2014-present) "To Flood or Not to Flood, Minot, Devils Lake Water Festival

Angela R. Bartholomay (2013-present) “Ground Water Contamination” Williston, Dickinson, Minot, Bismarck water festivals.

Angela R. Bartholomay 2013- present) “Is there water on Mars?” Bottineau, Grand Forks, Valley City

Angela R. Bartholomay (2000- present) ND Science Teachers Conferences

Angela R Bartholomay (1990- 2008) ND instructional Conferences

Angela R Bartholomay (2006- present) Career Fairs (Bottineau, Williston, Minot)

Angela R Bartholomay (2011-2015) Pierce Co. EcoEd

Service;

Advisor- Pre-engineering, Pharmacy, Environmental Technology, Natural Resource Management, Land Management

NE Science Olympiad Director (2010-present)

Water Festival Coordinator (2011- present)

Scorebook for Basketball and Volleyball