

Heidi M. Baine

Curriculum Vitae

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Franklin High School
El Paso Independent School District
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Education

Texas A&M University

College Station, Texas
Education Doctorate: Curriculum and Instruction

George Mason University

Fairfax, Virginia
Master of Education: Curriculum and Instruction Science in the Secondary Schools
Course work GPA: 3.79

University of Wisconsin Stout

Stout, Wisconsin
Integrating STEM
Course GPA: 4.00

Texas A&M University

College Station, Texas
B.A. in Chemistry/Minor: Biology December 1986

Professional Experience

Chemistry Teacher

2012 – Current

Franklin High School

- Teach sophomore Chemistry 1
- Teach sophomore Pre-AP Chemistry
- Teach AP Chemistry
- Teach Biology
- Taught Pre-AP Biology

Science Teacher

2007-2011

DeRidder, Louisiana

- Taught Freshman Physical Science
- Taught Environmental Science
- Taught Sophomore Biology 1

Chemistry Teacher**2004-2007**

Fairfax County Public Schools

- Taught Sophomore Chemistry 1
- Taught Honors Chemistry 1

Additional Responsibilities**DeRidder High School:**

Developed a curriculum with appropriate notes and activities to replace textbooks. DeRidder High School was transitioning Biology 1 from a sophomore course to a freshman course and the school did not have enough textbooks.

Collaboration:

Franklin High School

- Participate in the Science Department Professional Learning Community
- Secretary for the Chemistry Department Professional Learning Community
- Science Department representative on the School Discipline Committee
- Science Department representative on the School Crisis Response Committee
- NHS sponsor: 2012-2013
- Campus Improvement Team Member: 2017-2019
- District Education Improvement Committee Team Member: 2018-2020

Deridder High School

- Participated in the Science Department Professional Learning Community
- Assistant sponsor of the Science Club

Fairfax County Public Schools

- Participated in the Chemistry Department Professional Learning community
- Co-Sponsor for Science Olympiad: 2005-2007

Doctor of Education Coursework

Introduction to the Ed. D. in Curriculum and Instruction

Problem-based Research Frameworks

Educator as Learner

21st Century Integration of Theory into Educational Settings

Assessment and Evaluation of Materials and Programs

Student Assessment in the Content Domains; Trends in Data Management and Analysis

Quantitative Research Methods in Solving Problems of Practice in Curriculum and Instruction

Grant Writing for Professional Development

Qualitative Methods in Curriculum and Instruction

History of American education [Emphasis on K-12 Leadership]

Mixed Methods Research in Curriculum and Instruction

Analysis and Reporting for Records of Study [Selection of Problem of Practice for Thematic Group Placement]

Teacher Leadership Models in a Contemporary Multicultural Society

Internship I: Shadowing and Interviewing Leaders

Proseminar I: ROS Summary, Prepare for Presentation to IRB Committee

Proseminar II & III: IRB Submissions
Internship II: Framing the ROS Situation, Problem, and Solution
Proseminar IV: Preliminary Examination
Proseminar V: ROS Proposal, Presentation, Approval
Proseminar VI: ROS Completion, Presentation, and Acceptance

Record of Study: Professional development to Encourage Pedagogical Use of the Schoology Learning Management System

Master of Education Coursework

Foundations of Secondary education
Human Development and Learning: Secondary Education
Teaching Science in Secondary Schools
Advanced Methods: Teaching Science in Secondary Schools
Foundations of Multicultural Research in Secondary Education
Assessing Learning: Secondary Schools
Literacy in the Content Area
Classroom Management/Applied Behavioral Analysis
Research in Secondary Education
Microbial Diversity

Awards and Recognition

Teacher of Year 2009-2010

DeRidder High School
DeRidder, Louisiana

Teacher of the Month

December 2008

DeRidder High School
DeRidder, Louisiana

Additional Education

US Army War College: Academic Year 2012

Carlisle Barracks, Pennsylvania

Facilitating, Leadership, and Group Skills Workshop Course: 64 classroom hours
Train the Facilitator/Trainer Preparation Course: 64 classroom hours
Advanced Facilitating, Consulting, and Design Skills Workshop

References

Carol Mendoza,
Science Department Assistant Principal
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Debra Gilbert
Science Department Chair
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Robbie Fields

Chemistry and Pre-AP Chemistry Teacher

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