Megan Beckam

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Education-Certifications

National Board Ce11ified Teacher, 2007 Science Adolescent/Young Adult. Certificate Number 01165808.

Sierra Nevada College- Incline Village, Nevada
Fifth Year Graduate Level Teacher Education Program
Secondary Teaching Credential, Physical Science: August 2003

University of California at Santa Cruz- Santa Cruz, California
Bachelor of Science degree in Eai1h Science: December 2000
Awarded Weber-Holt Scholarship Spring 1999

Profile

Motivated teacher with experience in working with diverse groups of students.
Initiative, enthusiasm and uncompromising work ethic.
Compassionate leader and mentor teacher.

Professional Experience

May 2014-Present
Department Leader

Organize ongoing professional development for Science Educators
Collaborate with Administration and other Department Leaders in school-wide decision making and training
Meet monthly with District Science personnel to ensure quality science education at all levels and all schools

August 2004- Present
Teacher, McQueen High School, Reno, NV

Teaching Physical Science, AP Physics l, and HSPE Science, grades I 0-12 .
Have taught Algebra I and Earth Science prior to this year
2013 Sandra Daugherty Outstanding Science Teacher Award Winner
Participant in NSF funded GK-12 E-Fellows program 2012-present.
Advisor to Knights and Ladies (2009-2014), Engineering Club (2012-present)
Volunteer Coordinator for the NSTA Conference Planning Committee (2014-present)
Mentor Teacher (2014-present)
Participant in BSCS Field Test: Energy- A Multidisciplinary Approach 2013-2015

August 2003- June 2004
T eacher , Sugar Bowl Academy, Norden, CA

Taught Global Science, Laboratory Science, Algebra **1,** 5^{th}/6^{th} grade Mathematics, and Biology to grades 5-10.

Personal Summary

I am a motivated and experienced educator committed to seeing my students and peers achieve at high levels. My enthusiasm and passion for teaching and for science drives me to create a dynamic classroom and school environment in which students and teachers thrive. I am continually seeking out new experiences and knowledge to add to my repertoire and to enhance my effectiveness in my field. I foster positive, encouraging relationships with students and peers, helping them to achieve their goals and be successful.

Educational Leadership

- Science Department Leader, May 2014-present. As Department Leader I perform many duties from basic inventory of supplies and budgeting to planning department wide professional development opportunities. Our department has 12 teachers and I help the administration at our site see our needs and facilitate excellent instruction in our classrooms. This year I paved the way for our department to begin to conduct ongoing classroom observations.

Mentoring

- I have been a Teacher Fellow as part of a National Science Foundation Grant called the GK-12 E Fellows for the past three years. As a Teacher Fellow I have mentored four UNR Graduate Students in my classroom in the past three years. Each Graduate Fellow brought expe1tise and enthusiasm into my classroom and I have had the opportunity to assist in their growth as educators. Each Graduate students spent, on average, 20 hours per week in my classroom.
- I am a Mentor Teacher at McQueen. This year I worked closely with a new science teacher from Spain. He had I attended lunchtime meetings and worked after school together on lesson planning and classroom management techniques. We also spent a day observing science teachers in action at other sites and then discussing what we observed.

Ongoing Education

- Advanced Placement Summer Institute: Summer 2014, Sacramento, CA
    - Learned about the AP redesign of AP Physics 1, collaborated with others in developing labs and ranking tasks on the new topic of rotational motion.
- Participant in a BSCS (Biological Sciences Curriculum Study) Field Test Course 2012-2014. Energy: A Multidisciplinary Course.

Grants/Awards

- GK-12 Mini Grants (grants are to purchase supplies for the noted project):
  - 2014-2015: $300 grant for a Cell Phone Physics Carnival. $300 for a House Insulation Challenge
  - 2013-2014: $200 grant for a Newton's Cradle Challenge, $500 for a Radiation Inquiry Lab.
  - 2012-2013: $450 for the Earth Innovations Science Fair projects. $410 for Engineering Earthquake Resistant Structures.
- Dolan Automotive $2,500 Classroom Award. Fall 2012
- Sandra Daugherty Outstanding Science Teacher Award Spring 2012
- WCSTA Science Star Award Spring 2007

Volunteering

- Advisor to McQueen's Engineering Club 2012-present.
- Advisor to McQueen's Knights and Ladies Club 2009-2014
- Member of the Reno Planning Committee tasked with coordinating volunteers for NSTA Reno Conference Fall 2015.

Educational Travel Experiences

- Spring 2015: Seattle, WA to observe an educator conduct a home energy audit. Tours of two steam plants and the Boeing Factory
- Summer 2014: Switzerland to meet with secondary science teachers and observe their classrooms and students. Toured CERN. Hiking in the Alps, pictures of glaciation.
- Spring 2014: San Louis Obispo, CA tour Diablo Canyon Nuclear Power Plant
- Fall 2013: Las Vegas, NV to tour the Nevada Test Site, Hoover Dam, Caterpillar Main Office (a green building), Solar Power Plants.
- Summer 2013: New Zealand to tour hydroelectric sites and meet with power company employees. Visited schools and met with educators and community outreach partners. Toured earthquake damaged Christchurch.

Conferences Attended

- Fall 2014 STEM Mini Conference at University of Nevada Reno
- Spring 2013 National Science Teachers Association National Convention, San Antonio, TX
- Fall 2013 STEM Mini Conference at University of Nevada Reno
- Spring 2012 National Science Teachers Association National Convention, San Francisco, CA

Future Goals

- I am passionate about teaching and about STEM education. I want to see every student in an engaging and challenging classroom. My goal is to see this happen. I want to recruit enthusiastic intelligent students to become the educators of tomorrow.