# BRIANNA ABRAHAM

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### **PROFILE**

Insightful, enthusiastic teacher (Biology, Physical Science, English, Career and Technical Education), and Curriculum and Instructional Technology Specialist. Able to introduce topics in a comprehensible manner. Applies creative and flexible approaches to meet individual learning styles of diverse students. Exercises positive reinforcement skills. Excited about integrating technology with curriculum. Demonstrates passion and caring for students. Enjoys helping young people succeed.

# **PROFESSIONAL QUALIFICATIONS**

# **Program Development Highlights:**

- Founder and advisor for FIRST Robotics club (Camas High School, 5 years); Helped students solicit corporate sponsorships
- ◆ Developed hybrid online AP Biology course; Recorded 90+ video lectures and labs for online viewing; Utilized multiple internet technologies (Quia, Google Classroom, Wikispaces) to increase class time for hands-on, practical application of knowledge
- Developed semester long forensics curriculum "Applying Scientific Concepts to Real-World Applications"; one of six teachers asked to participate in Law, Public Safety, and Security (LPSS) pathway where students who complete designated courses in high school receive a special certificate upon graduation; Attended 10 week citizens academy at Merrimack Police Department to incorporate real-world applications in the classroom; Resulted in presentation to school board of LPSS program

# **Teaching Highlights:**

- ◆ Taught Biology (7 years), AP Biology (since 2007), and Physical Science (4 years)
- ◆ Taught 8<sup>th</sup> grade English (1 year) and 9<sup>th</sup> grade English (1 year)
- ◆ Taught Career and Technical Education (since 2018)
- Organized and mentored 124 students during independent research projects and internships in competitive, rigorous math, science, and technology program (since 2018)
- ◆ Taught a pilot course to cohort of underperforming students; Resulted in increased student achievement

## **Curriculum and Instructional Technology Integration Highlights:**

- ◆ Integrated multimedia clips with presentations to better explain concepts and demonstrate real-life applications for science and literature in our modern culture; Resulted in presentation to school board
- Developed 10+ interactive web quests to stimulate student involvement and learning
- Developed workshops and trained teachers to integrate Quia websites with lesson plans; Resulted in 30 teachers throughout the district presenting information online and the IT department used Quia to distribute surveys to district employees

## **Leadership and Teamwork Highlights:**

- Collaborated with professional development team to plan and lead workshops on implementing common core standards in high school curriculum and integrating student growth modules to support the Teacher/Principal Evaluation Program (TPEP)
- Class advisor (4 years); Supervised student officers and class representatives; Assisted fundraising and planning for class events; Developed guidebook of timelines and projects for future advisors
- ◆ Recruited, organized, and led 7 students on trip to Peru to conduct authentic scientific research on ecosystem health in the Amazon rainforest

## **Customer Service Highlights:**

- Interviewed and reviewed prospective college students; Accepted and denied applications; Assisted students to transition from home life to college life
- Designed all visitor schedules by coordinating appointments with instructors, hosts, and counselors

# **Brianna Abraham**

# PROFESSIONAL AND TEACHING EXPERIENCE

High School Teacher (Biology, AP Biology, Career and Technical Education)

Camas School District Camas, WA August 2007 – Present

High School Teacher (Biology, Physical Science, English)

Merrimack High School Merrimack, NH August 2002 – June 2007

Junior High Teacher (English)

Pine Tree Junior High Longview, TX August 2001 – June 2002

Student Teacher (Biology, English)

Longview HS, White Oak HS, Spring Hill Junior High Longview, TX January 2000 – April 2000

Admissions Counselor/Telecounselor Supervisor/Visit Center Assistant and Tour Guide

LeTourneau University Longview, TX August 1997 – July 2001

## MEMBERSHIP AND SERVICE

- ◆ Member of National Science Teachers Associations (NSTA) since 2002
- ◆ Member of National Associations of Biology Teachers (NABT) since 2003
- ◆ Volunteer MarriageTeam coach (4 years)
- ◆ Board Member for Hammer and Chisel nonprofit which exists to develop servant leaders (11 years)
- ◆ Volunteered to develop website for Merrimack teachers association (2 years)
- Treasurer for Student Activities Council at LeTourneau (2 years); Prepared \$26,000 annual budget
- ◆ Member of Phi Theta Kappa International Honor Society

## **HONORS AND AWARDS**

- ◆ FIRST Robotics team competitively selected and invited to participate at international competition (2011, 2012); Received multiple regional awards, including Industrial Design (2009, 2011, 2012), Innovation in Control (2010), Engineering Excellence (2010, 2012), Best Autonomous Mode (2010), Most Robust Robot (2010), "Coopertition" (2011)
- Awarded NEA New Hampshire communications award for website excellence (2006)
- Awarded competitive, pay for performance stipend (4 years); Portfolio of excellent achievement selected for presentation to school board (2 years)

# **EDUCATION, TRAINING, AND CERTIFICATIONS**

### **Teaching Certificates**

Washington certified in Career and Technical Education (CTE)

Washington certified in Biology and English, grades 6-12

Expected December 2019

July 2015

Masters of Education, Curriculum and Instructional Technology

Framingham State College Framingham, MA August 2008

**Website Development Certificate** 

University of New Hampshire Durham, NH June 2007

Bachelor of Arts, English and Biology Concentration (graduated summa cum laude)

LeTourneau University Longview, TX May 2000