



MARGARET CLAYPOOL

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OBJECTIVE: A position teaching mathematics at the middle school or high school level.

TEACHING EXPERIENCE: **High School Mathematics Teacher** 8/2011 – present
Busan Foreign School Busan, South Korea
Teaching Geometry, Algebra 2, Precalculus, and AP Calculus AB. Implemented standards based grading and flipped classroom. Faculty advisor for the school Math Club and Math Team. Helped establish school Edmodo domain and trained fellow teachers in implementation.

8th Grade Mathematics Teacher – Tenured Position 8/2006 – 6/2011
Crescent Elk Middle School Crescent City, CA
Taught 8th grade Pre-Algebra and Algebra classes. Head of Mathematics Department. Co-advisor for the Math Club. Helped develop district pacing schedules and implemented novel grading practices. 2006/2007 Served on the District Curriculum Committee. Faculty mentor for the Friday Night Live drug awareness program.

Student Facilitator: Supplemental Calculus 1 Course 1/2006 – 5/2006
Humboldt State University Arcata, CA
Taught a supplemental course for students enrolled in Calculus 1 at HSU. Duties included planning and implementing a curriculum to complement the material covered in the Calculus 1 classes and holding office hours to answer additional questions.

Long-Term Substitute Teacher: French Levels 1 – 4 2/2004 – 6/2004
Eureka High School Eureka, CA
Taught all the French classes at Eureka High. Managed all aspects of class, including planning, instruction, classroom management, and grading.

EDUCATION: **California Clear Single Subject Teaching Credential in Mathematics with a CLAD Emphasis (English Learners)** 5/17/06
Bachelor of Arts Degree in Mathematics, *cum laude* 5/17/06
California Clear Single Subject Teaching Credential in French with a CLAD Emphasis (English Learners) 6/12/2003
Bachelor of Arts Degree in French 5/22/2001
Humboldt State University Arcata, CA

Study Abroad: Spent Senior year of college at the Université d'Aix-Marseilles in France

ACHIEVEMENTS & AWARDS: **Travis Jepson Memorial Scholarship** 5/2005
Awarded the merit-based Travis Jepsen Memorial Scholarship by the HSU Mathematics Department for the 2005/2006 academic year.

HSU $\mu\alpha\theta$ (Math) Competition 4/2005
Took 1st place in the lower division of HSU's annual $\mu\alpha\theta$ (Math) Competition.

HSU Madrigal Singers and HSU University Singers 8/1997 – 5/2000
Member of auditioned groups performing music in all styles and periods and representing the University on the campus, in the community, and throughout the state.

**SPECIAL
INTERESTS
AND ABILITIES:**

Technology

My California Mathematics credential authorizes me to teach Computer Science. While I am particularly skilled with Macs, I am also comfortable with PCs. In the classroom, I use technology such as a document camera and LCD projector, graphing calculators (both hand-held and online), computer algebra systems, Geogebra and Geometer's Sketchpad, SMART Board, clickers, etc to help enhance my students' learning. Although technology is no replacement for good teaching, it allows me to do things with my students that would otherwise be impossible. I enjoy learning about new tech tools and sharing them with my students and colleagues. This year I helped organize our school's use of Google Calendars to coordinate activities. I held a training session at the beginning of the year to help teachers get started using Edmodo as their class assignment calendar and discussion board. I act as unofficial tech support for many of my colleagues, and I would enjoy the opportunity to teach computer classes someday.

Music

I have eight years of clarinet experience and six years of choral experience. I love how music can enrich our lives. Learning how to sing the quadratic formula and the alphabet song in Greek enhances my students' mathematics education.

History and Theatre

For sixteen years I've been a member of a world-wide society that recreates medieval life. One project of which I am particularly proud are the rope beds that I built that correspond to beds seen in medieval tapestries.

I've been involved in theatre for many years, participating in Shakespeare in the Park in Arcata, California and playing Glinda the Good Witch in a production of the Wizard of Oz by the Lighthouse Repertory Theatre Group in Crescent City, California.

**PROFESSIONAL
DEVELOPMENT:**

Understanding by Design

9/2012 – 5/2013

Ongoing staff development in Understanding by Design backward planning of curriculum, lessons, and assessments.

AP Summer Institute – Hong Kong

7/30/2012 – 8/4/2012

“The AP and Pre-AP Summer Institutes are subject-specific professional development opportunities. They provide teachers with the support and training needed to teach AP courses and to utilize Pre-AP teaching strategies. Teachers from around the world come together at these institutes to exchange ideas and information about AP courses and exams.”

Wild Rivers Mathematics Academy – Crescent City, CA

8/2008 – 6/2011

“The *Wild Rivers Mathematics Academy* is a three-year professional development program focused on improving instruction in mathematics. The goal of WRMA is to increase the content knowledge and pedagogical repertoire for teaching mathematics and provides an opportunity for participating teachers to collaborate with colleagues.”

Asilomar Mathematics Conference – Monterey, CA

December 2007 – 2010

Inspirational yearly conference attended by mathematics teachers from all over the US. Sessions on a wide variety of topics including in-depth subject matter, classroom management, new technologies, and much more.

CA Math Counsel to the Far North annual conference

October 2005 – 2010

Local mathematics conference that provides invaluable collaboration and networking opportunities as well as various workshops on teaching mathematics.