Debra K. Stetson

California Mathematics Project at Sacramento State

stetson@csus.edu

Education & Professional Organizations

B.A. Mathematics, Teaching Credential, CSU Chico 1985

Varied coursework in technology, mathematics, ELL education from Sierra College, UC Davis, CSU Sacramento, Fresno Pacific, Alliant International University

Facilitator’s Training – Lesson Study, 2004

Facilitator’s Training – Learning and Thinking about Linear Functions: professional development program, 2005

Member of the California Algebra Forum since 2007

President of Sacramento Area Mathematics Educators since 2009

Research Interests

 Mathematics Education

 Professional Learning for Teachers

 Building Professional Community for Teachers

Experience

Mathematics Teacher, Roseville High School, 1986 - 1999

Co-Chair, Site Design team: 1996 - 1998 (elected by teachers)

Lead Teacher for site governance Roseville HS (selected by principal)

AXA Award for "Teachers Who Make a Difference", 1995

Roseville Joint Union HSD Teacher of the Year, 1995-1996

Roseville High School Teacher of the Year, 1998-1999

Project Director of the CSU Sacramento Mathematics Project since 1999

Instructor for CSU Sacramento Mathematics Courses since 1999

Math 17: An Introduction to Exploration, Conjecture and Proof in Mathematics for future elementary teachers

Assisted with Math 198: Seminar for Math Tutors

Math 316: Psychology of Mathematics Instruction for future secondary teachers

Instructional Coach for the Sacramento County Office of Education, 2005 - 2009

Professional Development Lead for several grants including:

 CaMSP grant with Sacramento City Unified SD, 2007 – 2009

 CPEC grant, Supporting Teachers in Retention, 2007 – 2010

 CaMSP grant with Placer COE, Rigorous Instruction in Mathematics

 Study, 2008 – 2011

 CaMSP grant with Auburn USD, Students Understanding Complex

 Concepts Equals Student Success, 2009 – 2012

 ITQ Grant with Sacramento City Unified, Closing the Achievement Gap in

 Science and Mathematics, 2009 – 2013

 California Subject Matter Projects State Funds and No Child Left Behind

* Lead collaboration effort to write, design and implement
* Developed and managed budgets
* Trained district teachers to provide classroom coaching
* Trained district teachers to be Lesson Study facilitators
* Taught content and pedagogy sessions for teachers
* Provided classroom coaching and lesson study facilitation
* Assisted the Local Evaluator in the development of a classroom observation tool to measure change in practice

Member of the writing team of the California Mathematics Project

Common Core professional learning for Fractions: http://caccssm.cmpso.org/fractions

Professional Presentations

Panel Presenter at CISC Conference, Developing Leadership by

 Strengthening Teachers’ Content Knowledge: A Panel

Presentation, 2006

 Presenter and Co-Presenter at California Mathematics

 Council-North Annual Conference in December

* Finding the Words to Help Students with Word Problems, 2009
* Developing Fraction Sense, 2009
* Preparing for Algebraic Success Using Function Machines, 2010
* Solving Equations and Logic, 2011
* A Progression of Math Tasks to Get Kids to Figure Out: Equivalent Fractions & Fractions on the Number Line, 2011
* Use Practica: Move Teachers Mathematically and Pedagogically, 2012

Presenter at the Supporting Teacher in Retention Symposium, April 2012

* Creating a Coaching Cadre: Empowering Teachers to become Mathematics Coaches to Support Teachers
* Supporting Teachers in the Classroom Through Math Content and Pedagogy and Models of Support