

Dr. Carol Fry Bohlin

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Academic Degrees

Ph.D. 1987 –The Ohio State University (Mathematics Education (K-12); Cognitive Neuroscience)

M.H.D.L. 1992 – University of North Carolina at Charlotte (Secondary Math Education; Counseling)

A.B. Ed. 1980 – University of North Carolina-Chapel Hill (Science and Mathematics Education)

Teaching Experience

California State University, Fresno • August 1990-Present – Professor, Mathematics Education
Have taught credential (Multiple Subject math methods: CTET 121) and graduate courses (CI 250, CI 280T, CI 290, CI 298, CI 299, EDL 599); advise over 150 master's students; direct MSTI; coordinate the M.A. in Education degree program - Curriculum and Instruction option; Chair, Dept. Personnel Committee; Kremen Graduate Committee; formerly on Univ. Grad. Comm., Graduate Curriculum Subcommittee (Chair), etc.

Indiana University, Bloomington • 1988-1990 – Visiting Assistant Professor
Taught undergraduate and graduate mathematics education courses; worked on math education grant teams

The Ohio State University, Columbus • 1987-1988 – Visiting Assistant Professor
Taught undergraduate and graduate courses in K-12 mathematics education
1983-87 – Graduate Teaching Associate: Taught undergrad courses in Math Dept. and College of Education

Quail Hollow Junior High School, Charlotte, NC • 1980-1983 – Mathematics Teacher
Taught Geometry, Algebra I, Pre-Algebra, General Mathematics (Gr. 7-9), and French I

Recent Professional Roles (selected)

1990-Present Principal Investigator, San Joaquin Valley Mathematics Project (also Director, 1990-1999)
1999-Present Member, President's Commission on Teacher Education
2000-Present Founding Editor/Producer, COMET (*California Online Mathematics Education Times*)
2004-Present Co-Founder and Founding President – Calif. Association of Mathematics Teacher Educators
2004-Present Developer and administrator of CSU Mathematics Educators and CAMTE listservs
2006-Present Director, CSU Fresno Mathematics and Science Teacher Initiative (MSTI)
2006-12, 2014+ Program Coordinator, M.A. in Education (Curriculum and Instruction Option), CSU-Fresno
2012-2014 Special Assistant to the Provost for STEM Initiatives, CSU-Fresno
2012-Present Co-Developer and Steering Committee, Liberal Studies STEM Concentration, CSU-Fresno
2012-Present Co-Founder and Executive Committee Member, Central California STEM Collaborative
2013-Present Developer and administrator for Fresno State's STEM website (includes CCSC webpages)

Grants

Since 1990, I have served as (Co)PI and/or (Co)Director for over 70 grants totaling over \$13,000,000. I have served as PI since 1990 for the SJV Mathematics Project and as PI/Director since 2006 for the Mathematics and Science Teacher Initiative (both require annual grant proposals). CPEC and NSF grants include the following:

Co-Principal Investigator – Fresno State Teaching Fellows Program (FRETEF)– Funded 2009-2015 by the National Science Foundation's Noyce Teaching Fellowship program competition. Approx. \$1,500,000

Co-Principal Investigator – *California Mathematics Project: Supporting Teachers to Increase Retention*– Funded 2006-2012 by the California Postsecondary Education Commission under the Improving Teacher Quality State Grants Program (NCLB). \$5,275,920

Co-Principal Investigator – *Strategies for Teacher Excellence Promoting Student Success (STEPSS)* – Funded 1998-2004 by the National Science Foundation (Local Systemic Change in Mathematics K-8 program); grant number: ESI-9814102. (Yearly subcontracts to CSUF: \$281,000.)

Asst. Project Director–Mathematics: *Science, Mathematics, Preservice Partnership Program (SMP³)* – Funded 1997-2000 by the California Postsecondary Education Commission. Approx. \$600,000

Awards & Honors (selected)

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| 2013 | Edward Begle Memorial Award (from the California Mathematics Council)–Leadership in math ed. |
| 2009 | Provost's Award for Excellence in Graduate Teaching and Mentoring |
| 2007 | President's Award for Excellence |
| 2003 | Richter Award for Excellence in Education |
| 2002 | Provost's Recognition for Service to the Profession |
| 1992 | California Jaycee's Outstanding Young Educator Award |
| 1986 | Graduate Student Alumni Research Award 1985: Graduate Associate Teaching Award |
| 1984 | Lowry W. Harding (math education) Fellowship 1982: Kappa Delta Pi 1979: Phi Beta Kappa |

Current Memberships in Professional Associations

American Educational Research Association

Divisions C and K; SIGs: Brain, Neurosciences, and Education (Former President); Education, Science, and Technology; Instructional Technology; Research in Mathematics Education; Science Teaching and Learning
American Psychological Assn. (elected member; Behavioral Neuroscience and Comparative Psychology Div.)

American Psychological Society Association of Middle Level Education

Association of Mathematics Teacher Educators (AMTE)

Association for Women in Mathematics

California Assn. of Mathematics Teacher Educators (Advisory Board member; Advocacy Committee Chair)

California Mathematics Council (CMC) California Science Teachers Association (CSTA)

National Council of Teachers of Mathematics (NCTM, life member)

TODOS: Mathematics for ALL (charter member)

Presentations

Over the past 25 years, I have given over 80 national/international presentations, over 100 state or regional presentations, and over 100 local presentations, primarily on topics related to K-12 mathematics/STEM education, teacher networks, and mathematics teacher preparation and professional development. In 1994, I chaired a national conference for the School Science and Mathematics Association: "Mathematics, Science, and Technology: Partners for the Future." The following year, I chaired a regional conference with the same theme.

Publications

I've produced over 425 issues of the California Online Mathematics Education Times (COMET) so far (readership estimate: 10,000). In 2003-04, I served as writer/editor of the "Assessment Issues" column in the *NCTM News Bulletin*. I've also published articles in *Perceptual and Motor Skills*, *Psychological Reports*, *the International Journal of Educational Research*, *the ComMuniCator*, *Mathematics Teaching in the Middle School*, *Tech Trends*, *Performance and Instruction*, and various volumes of conference proceedings.