

# Katherine A. Morris

Sonoma State University  
1801 E. Cotati Avenue  
Rohnert Park, CA 94928  
Ph: (707)664-3266  
kathy.morris@sonoma.edu

## Education

- Ph.D.** Educational Studies – Teacher Education, University of Michigan, 2003  
**M.A.** Education–Elementary (Mathematics) Education, San Francisco State University, 1995  
**B.A.** Linguistics, University of California, Berkeley, 1987

California Clear Crosscultural, Language and Academic Development (CLAD) 1995  
 California Professional Clear Multiple Subject Teaching Credential, 1990

## Areas of Interest

- Mathematics Education
- Teacher Education & Professional Development
- Classroom Discourse and the Discourse of Teaching/Learning

## Professional Experience

- Associate Professor of Elementary Mathematics Education, Literacy, Elementary & Early Education Dept., Sonoma State University. Primary duties include coordinating and teaching math methods course, teaching graduate courses in mathematics education and teacher research, supervising part- and full-time student teachers, National Board Certification Coordinator, advising for MS and CTL M.A. candidates.* 2008-present
- Assistant Professor of Elementary Mathematics Education, Literacy Studies and Elementary Education Dept., Sonoma State University* 2003-2008
- Lead Project Director & Principle Investigator: California Common Core Powered by Student Success: California Post-Secondary Education Commission Grant. Sonoma State University, Sonoma County Office of Education and Konociti School District. Designed to facilitate mathematics professional development for teacher in rural school districts (particularly those in School Improvement) focused on pedagogy and content to enable effective transition to the new California Common Core Standards - Mathematics. (\$294,492). Co-PI and Co-Director: Ben Ford, SSU.* 2010-present
- Math Instructor & CoPI, Project Lead: A California Math Science Partnership Grant. Sonoma State University, Sonoma County Office of Education, & Bellvue School District. Designed and co-taught mathematics content to 3<sup>rd</sup>- Algebra teachers from four local districts, focused on math foundations of algebra, teacher leadership, and lesson study. Principle Investigator: Ben Ford; CoPI: Kathy Morris & Brigitte Lahme*
- Lead Instructor, Scaffolding Algebraic Concepts for English Language Learners. Sonoma County Office of Education & the Sonoma County Math Project. Designed and co-taught professional development summer institute for 5<sup>th</sup>- Algebra teachers focused on utilizing geometric problem contexts to support ELLs in algebra.* 2008

- Invited Mathematics Researcher, "Building a Knowledge Base for Teaching" Summer Institute. Primary responsibilities included lesson study observations and commentary on the mathematical knowledge for teaching. The project is funded through the Mills College Lesson Study Group and the National Science Foundation (Grant # REC-063394.). Principal Investigators: Catherine Lewis & Rebecca Perry* 2007
- Research Participant, "MSRI-Carnegie Elementary Math Project." Collaborated with professors in SSU Math Dept. to investigate unique collegial projects, and presented findings at the MSRI annual Education Forum, "Using Partnerships to Strengthen Elementary Mathematics Teacher Education." The project is under the auspices of the Carnegie Foundation for the Advancement of Teaching and the Mathematical Sciences Research Institute. Co-Principal Investigators: Lee Shulman, Deborah Ball, and David Eisenbud.*
- Carnegie Fellow, Goldman-Carnegie Quest Project, Carnegie Foundation for the Advancement of Teaching. Primary responsibilities include planning for and implementing multimedia records of teaching in pre-service teacher education, and the documentation and multimedia publication of these teacher education practices. Principal Investigators: Ann Lieberman and Desiree Pointer Mace* 2005-2006
- Co-Professional Development Leader and Research Assistant, Beyond Implementation: Focusing on Challenges and Learning Project, University of Michigan. Principal Investigators: Edward A. Silver & Valerie Mills.* 2000-2003
- Research Assistant, Learning in Teaching to Improve Practice: Individual Challenges and Organizational Resources, University of Michigan. Principal Investigator: Magdalene Lampert.* 2001-2002
- Research Assistant, Exploring Portfolios of National Board for Professional Teaching Standards Candidates in Middle School Mathematics Project, University of Michigan. Principal Investigator: Edward A. Silver.* 2000-2002
- Research Assistant, Teaching Problems and the Problems of Teaching, University of Michigan. Principal Investigator: Magdalene Lampert.* 1999-2001
- Research Assistant, Mathematics Teaching and Learning Project. University of Michigan. Principal Investigator: Deborah Ball.* 1999-2001
- Instructor, Educational Studies Dept., University of Michigan. Primary duties included supervising EDUC 307 pre-student teachers and teaching EDUC 695 introductory research methods course for graduate education students.* 1999-2000
- Research Assistant, Professional Development through Video project, University of Michigan. Principal Investigator: Magdalene Lampert.* 1998-2000
- Professional Development Manager, MathLand and Creative Publications, Mountain View, CA. Primary duties included providing professional development in mathematics education for 180+ school districts in CA, OR, WA, AK, WI, MI, Dept. of Defense Dependents' Schools and abroad.* 1995-1998
- Math Staff Development & Curriculum Resource Teacher, Hoover Mathematics & Technology Magnet School, Redwood City School District, Redwood City, CA. As part of a CA voluntary Desegregation Plan, provided equity-oriented mathematics professional development.* 1994-1995

Bilingual (Spanish) Teacher, Hoover Elementary School, Redwood City School District, Redwood City, CA. Taught all upper elementary grades in a predominantly immigrant community. 1990-1994

Graduate Assistant, San Francisco Math Leadership Project, Part of the California Subject Matter Projects. 1988-1990

Graduate Assistant, Beginning Teachers Retention in Inner City Schools Project. San Francisco State University. 1988-1989

## SCHOLARSHIP

### Current Research Projects

Supporting Success of the California Common Core Standards Project (S<sup>2</sup>C<sup>3</sup>S<sup>2</sup>)  
CPEC California Common Core Standards Initiative Grant: (Proposal submitted 4/11). Project Director.

Investigating the construction of powerful mathematics through daily routines. Co-Principal Investigators: Katherine Morris and Gena Richman.

Project Lead: 3-year collaborative project designed to develop mathematics teaching and leadership skills among educators from Sonoma County elementary and secondary schools. Principal Investigator: Ben Ford (SSU Math Dept), Co-PIs: Kathy Morris & Brigitte Lahme (SSU Math Dept.)

An Investigation of Mathematical Learning: Students' Understanding of Fractions. Co-Principal Investigators: Julie McNamara and Meghan Shaugnessy, University of California, Berkeley.

### Peer-Reviewed Publications

Silver, E. A. & Mesa V., Morris, K., Star, J., & Benken, B. (2009). Teaching for understanding: An analysis of mathematics lessons submitted by teachers seeking NBPTS certification. *American Educational Research Journal*, 46(2), 501-531.

Morris, K. & Easterday, J. (2009). Amplifying Autonomy and Collective Conversation: Using Video iPods™ to Support Mathematics Teacher Learning. *Issues in Teacher Education*, 17(2), 47-62.

Lane, P., Nickel, M., & Morris, K (accepted with revisions for publication). E-portfolios in teacher education: Beyond assessment. *Teacher Education Quarterly*.

Morris, K. A., (2008). What would you do next if this were your class? Using cases to engage pre-service teachers in their new role. In M. S. Smith & S. Friel (Eds.), *Cases in mathematics teacher education: Tools for developing knowledge needed for teaching*. San Diego, CA: Association of Mathematics Teacher Educators.

Miletta, A. & Morris K. (2006). No cow left behind: A cautionary tale. *The New Educator* (2) 83-86.

Morris, K. A., (2006). "'Chocolates & Peppermints', 'Science Notebooks', and lots of 'Goodies': Categorizing elementary teachers' opportunities for learning through school-based professional development." *International Journal of Learning* (11).

### Books & Book Chapters

Morris, K. with Richman G. (partial manuscript submitted for publication). *Curiosity, Perseverance, and Good Ideas: Pursuing Productive Dispositions in Elementary Mathematics*. Sausalito, CA: Math Solutions Publications.

Richman G. & Morris, K. (2010). Journaling in Technicolor: Bringing new voices and ideas to class discussions. In Wood, S., Steadman, S.C., & Simmons J. (Eds.), *Literacy Instruction for Today's Classrooms: Implementing Strategies Based on 20 Top Scholars and Their Ideas*. Norwood, MA: Christopher-Gordon.

Lane, P., Morris, K. & Richman, G. (accepted for publication). "I noticed that not only girls take a long time writing their thinking on the board!": Conflicting notions of success for young math learners." In Irby, B. & Koch, J. (Eds), *Greenwich CT: Information Age Publishing*.

Morris, K. A., (2006). "Considering discourse analysis as a method for researching professional development." In L. A. Rex, (Ed), *Discourse of Opportunity: How Talk in Learning Situations Creates and Constrains* (pp. 35-66). Cresskill, NJ: Hampton Press.

### Other Papers and Publications

Morris, K. A., (2011). "Change the Conversation." Included in Found Poetry Collection from the CTE Spring 2011 Conference. *CCNews — The Newsletter of the California Council on Teacher Education*. (22)2 p. 9.

Morris, K. A., (2006). "Recording the use of records of practice in mathematics teacher education: Curricular and pedagogical decision-making over time." *Inside Teaching*. Palo Alto, CA: Carnegie Foundation for the Advancement of Teaching. <http://www.insideteaching.org>.

Morris, K. A., (Spring 2006) "Challenging preservice teacher expectations for their students: Response." *AMTE Connections*, (15)2, pp. 8-9.

Morris, K. A., (2006). "Using a case of *Number sense and operations* in EDMS 474: Teaching mathematics in the elementary school. Prepared for the Association of Teachers of Mathematics' Teaching Resources Task Force.

Morris, K., (2005). "Hidden obstacles in teaching mathematics." *Sonoma County Women's Voices*, 242. (pp. 1, 12).

Miletta, A. & Morris, K., (2005). "No cow left behind: A cautionary tale." *Perspective on urban education*, (3)2. Philadelphia, PA. <http://www.urbanedjournal.org/commentaries/comment0014.html>

Morris, K. A., (2003). *Elementary teachers' opportunities for learning: An ethnographic study of professional development*. Unpublished doctoral dissertation, University of Michigan, Ann Arbor.

Morris, K.A., (2001). Learning to teach teachers by sharing the floor". Research report to the MacArthur Foundation.

Morris, K. A., (2000). Don't overlook the teacher educator: A study of video guidebooks as opportunities for teacher educator learning. Research report to the MacArthur Foundation.

Morris, K. A., (1998) Staying in the triangle: Analysis of the opportunities afforded for teacher learning through the use of video positioned as text in teacher development. Research report to the MacArthur Foundation.

### Peer-Reviewed Research Presentations

Morris K., Richman, G., Boerst, T., & Johnson, D. (Feb. 2008). "Beneath" and yet far beyond expectations: Learning about mathematics teaching through routines that make counting count. *Ethnography in Education Research Forum*. Philadelphia, PA.

Lane, P., Vollmer, G., Nickel, M., & Morris, K. (April 2007). Digital portfolio as genre in teacher education: The nexus of situation and culture for the candidates. *American Educational Research Association annual meeting*, Chicago, IL.

Morris, K., Richman, G., Lane, P., & Boerst, T. (Feb. 2007). Non-routine undertakings: Learning in, from and for practice through the examination of a pedagogical routine with endangered pedagogical purposes. *Ethnography in Education Research Forum*. Philadelphia, PA.

Nickel, M., Lane, P., & Morris, K. (Feb. 2007). New dimensions: From portfolio assessment to consensus building tool. *American Association of Colleges of Teacher Education annual conference*, New York, NY.

Lane, P., Nickel, M., & Morris, K. (April 2006). Digital portfolios in teacher education: Beyond reflection and assessment. *American Educational Research Association annual meeting*, San Francisco, CA.

Morris, K. & Richman, G. (Feb. 2006). Adventurous teaching: Using a daily routine to support the development of mathematical reasoning, communication, and representations. *Ethnography in Education Research Forum*. Philadelphia, PA.

Morris, K.A., (June 2004). "Chocolate & peppermints," "Science journal," and lots of "Goodies" but not enough time to talk: Elementary teachers' opportunities for learning through school-based professional development. Paper presented at the Eleventh International Literacy and Education Research Network Conference on Learning. Havana, Cuba.

Morris, K. A. (April 2003). Learning to teach teachers: Enacting the role of teacher educator. Paper presented at the annual meeting of the American Educational Research Association, Chicago, IL.

Morris, K. A. (April 2003). What went wrong? Results from an ethnographic study of elementary teachers' opportunities to learn from school-based professional development. Paper presented at the annual meeting of the American Educational Research Association, Chicago, IL.

Bodner, S., Denstaedt, L., Hunault, J., Morris, K. A., Rex, L. A., Roop, L., Schiller, L. S., and Steadman, S. (April 2003). Inventing the air: The pedagogy of the Michigan Classroom Discourse Group, a professional development community. Paper presented at the annual meeting of the American Educational Research Association, Chicago, IL.

Morris, K. A. (February 2003). A year in the life: Representing the professional development of elementary teachers. Paper presented at the *Ethnography in Education Research Forum*, Philadelphia, PA.

Silver, E., Mesa, V., Benkin, B., Mairs, A., Morris, K., & Star, J.R. (April 2002). Characterizing teaching and assessment practices in middle grades mathematics: An examination of best practice portfolio submissions to NBPTS. Paper presented at the annual meeting of the American Educational Research Association, New Orleans, LA.

### Additional Research, Pedagogical, & Professional Presentations

Richman, G. & Morris K. (accepted for Dec. 2011) Common Core Practices Using Rigorous and Contextual Problems. *California Mathematics Council (North) Annual Conference*, Asilomar, CA.

Morris, K. & Richman, G. (April, 2011). Practicing the Mathematical Practices. Digging into the Common Core Conference, Santa Rosa, CA.

Morris, K. & Richman G. (Dec. 2010). Powers of Art: Multiplications for Middle Grades. *California Mathematics Council (North) Annual Conference*, Asilomar, CA.

Rossi-Becker, J. & Morris, K., (Dec. 2010). Math Specialist Credential: Creating CA Programs. *California Mathematics Council (North) Annual Conference*, Asilomar, CA.

Morris, K. (March 2010). Curiosity, Perseverance, and Good Ideas: Pursuing Productive Dispositions in Elementary Mathematics. Poster presented at the Sonoma State 2010 Faculty Exposition of Scholarship and Sponsored Research, Rohnert Park, CA.

Breyfoyle, M. L., Hillman, S., Moeller, B., Morris, K., Rigelman, N., & McDuffie, A., (Jan., 2010). Mathematics Teacher Educators Sharing Experiences with Case-Based Materials. *Association of Mathematics Teacher Educators annual meeting*, Irvine, CA.

Morris, K. & Richman, G., (Dec. 2009). Visualizing Multiplication through the Arts. *California Mathematics Council (North) Annual Conference*, Asilomar, CA.

Rossi-Becker, J. & Morris, K., (Dec. 2009). Math Specialist Credential: Update of California & National trends. *California Mathematics Council (North) Annual Conference*, Asilomar, CA.

Ford, B., Lahme, B., Marks, R., Mendez, E., & Morris K. (Dec. 2008). *Math Courses for Elementary Teachers at Sonoma State University*. Using Partnerships to Strengthen Elementary Mathematics Teacher Education. *Mathematics Sciences Research Institute*, Berkeley, CA. [http://www.msri.org/communications/vmath/VMathVideos/VideoInfo/4067/show\\_video](http://www.msri.org/communications/vmath/VMathVideos/VideoInfo/4067/show_video)

Richman, G. & Morris K. (Dec. 2008). *Making beginning multiplication stick*. *California Mathematics Council (North) Annual Conference*, Asilomar, CA.

Morris, K. (July 17, 2008). Education Now! on KZYX & KZYF FM, 90.7, 91.5, 88.1. Interview available at: [www.kzyx.org](http://www.kzyx.org).

Morris K. & Boerst T. (Jan. 2008). From discourse patterns to practice: Scaffolding pre-service teachers learning. *Association of Mathematics Teacher Educators annual meeting*, Tulsa, OK.

Lewis, J., (Jan. 2008) Lesson Study: Building mathematics knowledge usable in teaching. K. Morris & T. Watanabe, T. (discussants). *Association of Mathematics Teacher Educators annual meeting*, Tulsa, OK.

Richman, G. & Morris, K. (Dec. 2007). From Mondrian to graph paper: Art projects for multiplication facts. *California Mathematics Council (North) Annual Conference*, Asilomar, CA.

Lahme, B., Ford, B. Marks, M., Mendez, E., & Morris, K. (Dec. 2007). Collaboration in Teaching Preservice Math Teachers. Math Teacher Educators' Strand at the California Mathematics Council (North) Annual Conference, Asilomar, CA.

Marks R., & Morris, K. (April 2007). Making Teacher Education Public. Poster presented at the Sonoma State 2007 Faculty Exposition of Scholarship and Sponsored Research, Rohnert Park, CA.

Morris K. (April 2007). Constructing Powerful Mathematics through at Daily Routine. Poster presented at the Sonoma State 2007 Faculty Exposition of Scholarship and Sponsored Research, Rohnert Park, CA.

Morris, K., Franke, M., Remillard, J., Marks, R., & Boerst, T. (Jan. 2007). Recording the use of records of practice: Math teacher educators learning from each other. Association of Mathematics Teacher Educators' annual meeting. Irvine, CA.

Morris K., & Marks, R. (Dec. 2006). Going public: 'Signature pedagogies' of teacher educator. Math Teacher Educators' Strand at the California Mathematics Council (North) Annual Conference, Asilomar, CA.

Richman G., & Morris K., (Dec. 2006). Managing uncertainty to promote reasoning & math talk. Math Teacher Educators' Strand at the California Mathematics Council (North) Annual Conference, Asilomar, CA.

Morris K., (Nov. 2006). Simulating what's hard about Elementary school mathematics. Math Teacher Educators' Strand at the California Mathematics Council (South) Annual Conference, Palm Springs, CA.

Morris, K. (Jan. 2006). Simulating the Struggles of Learning Elementary Mathematics: Helping Pre-Service Teachers Understand their Diverse Learners. Association of Mathematics Teacher Educators Annual Conference. Tampa, FL.

Morris, K. & Richman, G., (Dec. 2005). Who's counting: Integrating professional development with classroom teaching daily. California Mathematics Council (North) Annual Conference. Asilomar, CA.

Morris, K., (Dec. 2005). Just gimme some kinda sign: Strategies for inclusive math discussions. California Mathematics Council (North) Annual Conference. Asilomar, CA.

Morris, K. (Aug. 2005). Non-verbal and sheltered techniques for supporting English Language Learners in the community college classroom. College of Marin, FLEX Learning Day. Kentfield, CA.

Fry-Bohlin, C., Commons, J. & Morris, K. (December, 2004). Envisioning the First Year of CAMTE (California Association of Mathematics Teacher Educators). Presented at the California Mathematics Council (North) Annual Conference. Asilomar, CA.

Morris, K. & Marks, R. (November 2004). Using sticks to call on students: Considering pre-service elementary teachers' ideas about equitable teaching practices." Presented in the Math Teacher Educators Strand at the California Mathematics Council (South) Annual Conference, Palm Springs, CA.

Morris, K. (April 1999). Strategies for promoting mathematical understanding. University of Michigan Mathematics Conference, Ann Arbor, MI.

Morris, K. (October 1997). Facilitating Discourse in a Math Reform Classroom. European Council of Teachers of Mathematics. Oberüsel, Germany.

Morris, K. (October 1997). Math Games that Promote Thinking. European Council of Teachers of Mathematics. Oberüsel, Germany.

Morris, K. (April 1997). Embracing our parents: Tips, tools, and techniques for working with a diverse parent population. National Council of Supervisors of Mathematics, Minneapolis, MN.

Morris, K. (October 1996) The role of arithmetic in a math reform classroom. European Council of Teachers of Mathematics. Frankfurt, Germany.

Morris, K. (May 1996). Managing manipulative in a MathLand Classroom. Central Coast Math, Science, and Literacy Conference. San Luis Obispo, CA.

Morris, K. (December 1995). Quilts, fractions, decimals, percents, and pie graphs. California Mathematics Council, (North). Asilomar, CA.

Morris, K. (December 1994). Math journals and bookmaking in a Sheltered English classroom. California Mathematics Council, (North). Asilomar, CA.

Gollher, J. & Morris, K. (February 1994). Glastnost and Peristroyka: A look at Russian elementary school mathematics. National Council of Teachers of Mathematics (Western Region). San Francisco, CA.

Morris, K. (December 1993). Ideas and activities for teaching discrete mathematics in grades 3-6. California Mathematics Council, (North). Pacific Grove, CA.

## SERVICE

### Service to the University

#### Sonoma State University Committees:

- Professional Development Subcommittee of FSAC 2010-present  
2004-2007  
2010
- Ad Hoc Committee for the Evaluation of Academic Enhancement
- Opportunities of the Fort Bragg Donation — SSU Noyo Center/Field Station
- SSU Academic Senate 2008-present
- SSU Faculty Advisor, Hillel of Sonoma County, Chartered SSU student organization 2006-2009
- SSU representative, CSU International Teacher Education Council 2006-2008
- Science and Math Teacher Recruitment Initiative Advisory Board Member 2006
- SSU representative, Mendocino Lake Counties P-16 Council 2005-2006
- Committee member, Mathematics Education Committee 2004-present
- Committee member, Mathematics Dept. Math 300A/B planning committee 2004-present

#### Sonoma State University Activities:

- Provost's delegate to AACU conference – Professional Development Team 2010
- SSU New Faculty Orientation Welcome BBQ, host 2006-2007
- CSU Mathematics & Science Teacher Recruitment and Preparation Summit 2006
- California State University Symposium on University Teaching 2005
- California State University Mathematics Educators Summit 2004-2005

**School of Education Committees:**

- Jack London Award Judge 2011
- NCATE Standard 3 committee, Co-Chair 2010-present
- Science & Math Teacher Recruitment Initiative Advisory Board 2006-2007
- Instructional Technology Committee 2006-2007
- Website Ad Hoc Committee 2006-2007
- Mentor Symposium on NCLB planning committee 2005-2006
- CTL-Math MA admissions committee 2005-2006
- NCATE Standard 2 committee 2003-2005
- Planning committee for CTL-Math Ed. emphasis MA 2003-present

**School of Education Activities:**

- National Board for Professional Teaching Standards Coordinator 2006-present
- MA advisor for all elementary teachers in CTL –Math Ed. emphasis MA 2005-present
- CTL MA and EdAdmin MA thesis committees – member and/or chair 2004-present
- Advisory Board member, Teachers Improving Mathematics/Science for English Learners Youth (TIMSELY) project 2005-2006
- Peer Observer for colleague in CSSE 2005
- NCATE/CCTC Accreditation Focus Group/Interview participant 2005
- NCATE/CCTC Accreditation School Site Visit liaison 2005
- Instructor training/support for SpEd W. Contra Costa Intern math methods 2004-2006
- LSEE Liaison and Interviewer, School of Education self-study interviews 2004

**Literacy Studies and Elementary Education Department Committees:**

- Member, LSEE RTP committee for Reappointment & Promotion to Associate 2010
- Member, LSEE Four Unit Conversion Committee 2008-2009
- Member, LSEE Travel Funds Allocation Committee 2007-2009
- Member, LSEE Tenure-Track Search Committee, Bilingual Ed. & Content Area 2007-2008
- Member, Multiple Subject Interdepartmental Council (MUSIC) 2006
- Member, LSEE Temporary Faculty Pool Search Committee 2006
- Member, LSEE Tenure-Track Search Committee, Multicultural Ped. & Foundations 2004-2005
- Member, LSEE Portfolio Day Committee 2004-2005
- Member, LSEE Digital Portfolio Ad Hoc Committee 2004-2006
- Member, LSEE Core Committee 2004

**Literacy Studies and Elementary Education Department Activities:**

- Director, Ukiah Outreach Program for Multiple Subject Teaching Credential 2005-2009
- Director and Advisor, MS Intern Program 2005-2007
- Coordinator, BCLAD in Mexico Program 2006-2009
- EDMS 474 coordination and adjunct training and mentoring 2004-present
- Program Advising meetings participant 2004-present
- Digital Portfolio Reviewer 2004-present
- Department Sunshine Fund 2004-2006
- Department and Supervisors' Meetings – note taker 2004-2005
- LSEE Program Handbook & Mentor Handbook– revisions and editing 2009 & 2004-2005
- LSEE Program Document - revisions 2004
- LSEE Supervisors' website – web-design 2004
- LSEE Credential Ceremony – co-coordinator 2004-2005
- LSEE Credential Candidate Advising 2003-present

- LSEE Credential Program Applicant Interviewer (Rohnert Park & Ukiah) 2003-present

**Service to the Profession**

- Elementary Math Specialist Credential Task-Force – California Association of Mathematics Teacher Educators 2010-present
- Audit Task Force – California Association of Mathematics Teacher Educators 2010
- Math Specialist Credential Task Force Member – California Association of Mathematics Teacher Educators 2009-present
- Panelist, Teaching Mathematics Advisory Panel – California Commission on Teacher Credentialing 2009-2011
- Reviewer, Journal of Teacher Education 2009
- External Course Moderator, Teaching, Learning, & Educational Change, University of Auckland 2007-present
- Conference Committee, California Mathematics Council-North Annual Conference 2007-2008
- Mary Collins School at Cherry Valley Symposium Advisory Committee 2006-present
- Reviewer, Research on Women & Education Selma Greenberg Dissertation Award 2006-2007
- Project Participant, MSRI Elementary Math Project, Carnegie Foundation for the Advancement of Teaching 2006-2007
- Reviewer for AMTE of the National Council of Teachers of Mathematics *Professional Standards for School Mathematics* 2005
- Reviewer, *The New Educator*, Routledge Press 2005-2008
- Presenter and volunteer, Expanding Your Horizons Conference for Middle School Girls in Math and Sciences, San Francisco, CA 2005
- Professional Developer for College of Marin faculty 2005
- Focus Group Facilitator & Outside Expert, Expert, Making Teaching and Learning Visible: Lesson Study Network Conference, Santa Rosa, CA 2004-2009
- Carnegie Fellow, Goldman-Carnegie Quest Project of the Carnegie Foundation for the Advancement of Teaching 2005-2006
- Founding Secretary, Executive Board of California Association of Mathematics Teacher Educators 2004-2006
- Teaching Resources Task Force, Association of Mathematics Teacher Educators - Task Force Chair 2004-2009
- Reviewer for *International Journal of Learning* 2004
- Strategic Planning ad hoc committee for Pre-field Draft California Mathematics Framework Revisions, California Mathematics Council 2004
- Volunteer, NCLB Townhall Meetings, National Society for the Study of Education 2003
- Reviewer, *Journal of Research in Mathematics Education*, National Council of Teachers of Mathematics 2003
- Reviewer, American Educational Research Association, Division K 2002-2005
- California State panel, Instructional Resources Evaluation Panel for Mathematics 1994

**Professionally Related Community Service – Public Education Committees**

- Mathematics Teaching Advisory Panel - California Commission on Teacher Credentialing 2009-present
- California Mathematics Projects Algebra Initiative Committee 2008-2009
- Lesson Study Network planning committee, Sonoma County Office of Education 2005-present
- TIMSLEY grant planning committee, Sonoma State University & Windsor Unified School District 2005-2006
- Math Curriculum Adoption Committee, Redwood City School District 1994-1995
- Mathematics Curriculum Alignment Team, San Mateo COE, RCSD delegate 1994-1995

- Voluntary Desegregation - Magnet School Planning & Design Team, Redwood City School District 1993-1995
- Hoover Elementary School Mathematics Cadre, Redwood City School District 1990-1995
- Performance-Based Assessment Team, Redwood City School District 1990-1993
- School Site Council - Hoover Elementary School, Redwood City School District 1990-1992
- Liaison for Math Standards Revision Team, Redwood City School District 1990-1991

**Professionally Related Community Service – Public Education Activities**

- Professional Developer, Redwood Area Algebra For All Project. Sonoma County Office of Education, CTAP grant. 2007
- Invited Mathematics Expert, Building a Knowledge Base for Teaching Summer Institute. San Mateo-Foster City School District, Mills College & NSF grant 2007
- Research consultant, focused on helping EL students learn math. Sonoma County Office of Education, CMSP grant and CTAP grant 2006
- TIMSLEY Professional Developer, Sonoma State University & Windsor Unified School District 2005-2006
- Collaborative Research partner, Mary Collins School at Cherry Valley, Petaluma City Schools 2005-present
- Presenter, Expanding Your Horizons Conference, San Francisco. 2005
- Professional Developer, Mary Collins School at Cherry Valley, Petaluma City Schools 2004-present
- Family Math Night, Sheppard Accelerated Elementary School, Roseland School District, volunteer 2004
- Ann Arbor Public Schools Professional Development facilitation 2001-2002
- CLAS Assessment Pilot Teacher, San Mateo County SOE 1993
- Performance-Based Assessment Task Writer, Pilot Teacher, and Trainer, Redwood City School District 1990-1993

**Professionally Related Community Service – University Committees & Activities**

- University of Michigan Mathematics Conference - Facilitator 2000-2003
- Undergraduate Admissions Applications Reviewer, University of Michigan 1999-2000
- California Alumni Association long-range strategic planning, University of California, Berkeley 1995-1997
- Inclusionary Design Team - Oversight Committee, California Alumni Association, University of California, Berkeley – Vice Chair, 1994-1995
- All University Teacher Education Committee, San Francisco State University - Field Delegate 1994-1995
- Academic and Cultural Affairs Committee, California Alumni Association University of California, Berkeley – Vice Chair 1993-1994
- Cooperating Teacher, College of Notre Dame, Belmont CA 1993
- Cooperating Teacher, San Francisco State University 1992-1994
- Member, Young Alumni Council, University of California, Berkeley 1992-1995
- School of Education Restructuring Committee – Student Representative 1989-1990
- Teacher Credentials Committee - Elementary Education Student Representative, San Francisco State University 1988-1990
- SFSU Student Representative, California State University, System-wide Committee on Student Outcomes Assessment 1988-1990

**Other Service to the Community**

- Board of Directors, Hermeneutic Institute for Wholistic Health & Education, Mendocino County 2010
- Board of Directors, Hillel of Sonoma County, Chartered SSU student organization 2004-present
  - President 2008-2009
  - Vice-President 2005-2008

**Professional Memberships**

- American Educational Research Association
- Association of Mathematics Teacher Educators
- Association of Supervision and Curriculum Development
- California Association of Mathematics Teacher Educators
- California Mathematics Council
- Math & Science Network
- National Council of Teachers of Mathematics
- National Society for the Study of Education
- Phi Delta Kappa
- Sonoma County Math Council
- Teaching Tolerance
- California Teachers Association

**Grants, Honors and Awards**

California Post-Secondary Education Commission Grant (\$294,492)	2011-2012
RSCAP Summer Fellowship (\$5742)	2009
Faculty Travel Award, Sonoma State University (\$400)	2008
Carnegie Fellow – Goldman-Carnegie Quest Project	2005-2007
RSCAP mini-grant, Sonoma State University (\$4722)	2005-2006
Faculty Travel Award, Sonoma State University (\$500)	2006
Faculty Travel Award, Sonoma State University (\$500)	2005
Faculty Travel Award, Sonoma State University (\$350)	2004
Spencer Research Training Grant Fellowship, University of Michigan	1998-2002
Rackham Graduate School Student Travel Grant, University of Michigan	2002
School of Education Student Travel Grant, University of Michigan	2001-2002
Graduate Student Award, San Francisco State University	1995
College of Education Distinguished Graduate Student Award, SFSU	1994-1995