

Sharon "Sam" Sakai-Miller, Ed.D

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EXPERIENCE

Program Manager – Educational Technology, Marin County Office of Education, San Rafael, CA

2010-present

- Championed the use of technology to engage students, enhance achievement, and extend learning beyond the confines of classrooms and periods through onsite and offsite staff development.
- Provided expertise and district support in creating and implementing common assessments, analyzing data, and using DataDirector (Riverside Publishing's data analysis tool).
- Revived the DataDirector User Group leadership cohort by identifying district needs, designing a series of capacity-building training events, aligning demographic codes, bringing automatic data upload capability, and instituting collaborative work environments.
- Spearheaded the collaborative development of the Digital Citizenship Portal by seven county offices of education.
- Attracted and kicked off a \$25,000 grant to bring Generation Safe to middle and high schools in Marin County.
- Served as county instructional technology liaison to keep districts abreast of state funding opportunities and grants, cyber-safety pilots, CTAP consortium purchases, and online learning certification.
- Co-directed all aspects of redesigning the Marin County Office of Education website, including mediating stakeholders, designing graphics and navigation, developing pages, and training staff to maintain site.
- Developed and published EdTech Profile Lite survey and report that is now adopted state-wide by CTAP.

Coordinator – Instructional Technology, Alameda County Office of Education, Hayward, CA

2009-2010

- Established and facilitated the Instructional Technology Leaders' Consortium in Alameda County to promote collaboration, communication, and consolidated buying power.
- Provided guidance to districts for technology planning, state and federal programs, home to school communication, and implementation of technology integration.
- Kept districts current with funding opportunities and requirements for eligibility (LEAs in Alameda County applied for \$13 million in E-Rate in 2009-2010 alone.)
- Negotiated deep discounts for instructional technology resources through partnerships and consortium pricing.

Curriculum Coordinator - Math, Science, and Instructional Technology, Lodi Unified School District, Lodi, CA

2007-2009

- Connected instructional technology needs with information technology solutions to facilitate implementation of new curriculum, research and data-driven cycle of inquiry, teacher and administrator support, and parent communication.
- Co-chaired development of district technology plan to bring a curriculum focus, cohesion among departments and stakeholders, and alignment to program improvement goals.
- Coordinated adoption of fourteen math and science textbook adoptions
- Facilitated the development and approval of math and science courses of study for Board approval and UC systems.
- Instituted placement based on readiness using four data points for placement and pathways based on the expectation of success in mathematics for students in grades 7-12.
- Supervised curriculum coaches in math, science, and instructional technology.
- Responsible for development and implementation of professional development, technology integration, and benchmark assessments.
- Contributed to Algebra Intervention project (part of Algebra Forum in Stanislaus & San Joaquin counties).

Consultant, MentorToGo Vision Planning Partner, San Ramon, CA

2002-2011

- Provided professional development for schools and districts; bringing curriculum and technology together to improve student learning.
- Math consultant/instructor for an inner city school; harnessing the power of technology to engage and instruct eighth grade algebra students to achieve 89-point gain over previous year and communicate with the school community at large.

- Contracted as content expert for the CTAP Region 4 Middle School Math Project.
- Awarded contracts with national corporations: Discovery Education Video-on-Demand, SmartRoom Student Response Systems, and Microsoft Office for Mac.
- Authored MentorToGo Technology Literacy Kit, an educational technology project-based, assessment-driven “text” written for educators.

Technology Specialist, Contra Costa County Office of Education, Pleasant Hill, CA
2000-2002

- Responsible for Professional Development classes provided at the County Office and at school and district sites.
- Developed and taught over 30 different technology classes ranging from computer basics and MS Office applications, video and animation in the classroom, Math and Science Teachers’ Specials, and comprehensive Summer Technology Academies.
- Managed and implemented the Leshner Foundation’s County Technology Assistance Grant (CTAG).
- Garnered and implemented innovative Pac Bell Grant that became a model for developing portals for teacher-created lessons (precursor to Teacher Tube). Participants in “Teacher Double Feature Grant” received video equipment and training so they could document and share two of their most successful math, science, or reading lessons on a video-enhanced web page.
- Re-designed and maintained Multimedia Lab (Mac and Windows) and converted it to a wireless mobile lab that used flexible conference table seating instead of fixed individual work stations.
- Coordinated CCCOE’s Educational Technology Advisory Council (ETAC).

Site and Curriculum Tech Mentor, Walnut Creek Intermediate School, Walnut Creek, CA
1997-2000

- Co-authored tech-integrated, standards-based lessons in Math, Science, Language Arts, and Social Studies for all students in grades 6-8.
- Wrote, applied for, and implemented \$30,000 in Staff Development grants
- Mentored teachers in all disciplines in use of technology and presentation options, tripling technology usage.

Teacher, Walnut Creek Intermediate School, Walnut Creek, CA
1990-2000

- Served as technology liaison for math department.
- Identified as curriculum technology mentor to share engaging instructional technology strategies, communication and productivity tools, and assessment programs with peers.
- Reconfigured computer lab and established department curriculum based on NETS.
- Adapted “Amusement Park Physics” as a 6th grade GATE program (later adopted by the entire 8th grade)
- Taught 4th grade from 1990 to 1995 and Computers and Math from 1995-2000.

AWARDS & CERTIFICATIONS

Leading Edge Certification (LEC) - Online Teaching Certification, 2012
Who’s Who Among America’s Teachers, 2000 & 2005
Outstanding Alumni Teacher Nominee, California State University, Hayward, 1999
Impact Grant Award, Contra Costa County, 1994

EDUCATION & CREDENTIALS

Ed.D. Educational Technology, Pepperdine University, Los Angeles, California
Dissertation – *Learning through Student Authored Interactive Media: A Mixed Methods Investigation.*
M.A. Educational Technology, Pepperdine University; Los Angeles, California
Multiple Subject Credential, California State University; Hayward, California
B.A. with Honors; University of Hawaii; Honolulu, Hawaii

RELATED PUBLICATIONS

Marin County Office of Education website <http://www.marinschools.org>
Creating Dynamic Content Toolkit for Microsoft Office for Macs 2004 (CD) – Debuted at Mac World 2007
MentorToGo Technology Literacy Ki (2005)
Clementine in Cyberspace: Space Technology Education (CD) – Lawrence Livermore National Laboratory
Roller Coaster Bolster – SCORE physics lesson
(<http://scorescience.humboldt.k12.ca.us/fast/teachers/HighRoller/index.html>)
Middle School Math Project: “Unpackings” on Pythagorean Theorem and Absolute Value