

Abbreviated Vitae
Marcie J. Bober, Ph.D.

I. Education

<u>A. Institution</u>	<u>Years Attended</u>	<u>Degree</u>	<u>Major Field</u>
Arizona State University	F '92 to F '96	Ph.D.	Education
San Diego State University	F '88 to F '90	M.A.	Education
University of Oregon	W '73 to S '75	B.A.	English/History

II. Teaching Positions and Ranks Held

<u>Institution</u>	<u>Rank</u>	<u>Date</u>	<u>Major Subject</u>
San Diego State	Assistant Professor	F '98 to	Education (EdTec)
San Diego	Lecturer	F' 96 to S '98	Education (EdTec)

III. Professional Activities

Articles in Refereed Journals

Bober, M. J., Sullivan, H. J., Lowther, D. L., & Harrison, P. (1998). Instructional practices of teachers enrolled in educational technology and general education programs. *Educational Technology Research & Development*, 46(3), 81-97.

Nonrefereed Articles Appearing in Non-Journal Publications

Bober, M. J. (1998, Fall). Online course delivery: Is meaningful evaluation possible? *Distance Learning Report*, 2(11), 1-3, 7.

Publications in submission/revision

Bober, M. J. (revisions due 8/28/00). Student information systems and their impact on school operations and culture. *Journal of Research on Computing in Education*.

Bober, M. J. (in submission). Field-Based Experiences to Prepare Tomorrow's Evaluators: One University's Approach. *The American Journal of Evaluation* (Teaching Evaluation Section).

Publications in process

Bober, M. J. (in process). The changing face of professional development in our schools.

Bober, M. J. (in process). Online and distributed learning: evaluative systems to help students make critical programmatic choices.

Bober, M. J., & Harrison, P. J. (in process). Measuring the effects of technology infusion.

National Conference Presentations

Preparing Today's Evaluators: A Portrait of Professional Development Opportunities. Proposal submitted for presentation at the Annual Conference of the American Educational Research Association, 2001

Using Technology to Study Technology's Impact in the K-12 Classroom. Demonstration accepted for presentation at the Annual Conference of the American Evaluation Association, 2000

Using Video to Document Technology Infusion in Our Schools. Paper presented at the Annual National Educational Computing Conference, 2000.

Fostering Graduate Interest in Program and Product Evaluation. Paper presented at the Annual Conference of the Association for Educational Communications and Technology, 2000.

A Systematic Structure for Determining the Quality of Online Graduate Programs. Paper presented at the Annual Conference of the Association for Educational Communications and Technology, 2000.

Using Video to Build Case Studies. Paper presented at the Annual Conference of the Society for Information Technology and Teacher Education, 2000.

The Changing Face of Professional Development. Paper presented at the Annual Conference of the Association for Educational Communications and Technology, 2000.

Evaluation as the Capstone Experience in a General Instructional Systems Master's Program. Paper presented at the Annual Conference of the American Evaluation Association, 1999.

Evaluation of Online Programs: The Search for Meaningful Criteria and Standards. Paper presented at the Annual Conference of the American Evaluation Association, 1999.

Distributed Course Delivery: Searching for Meaningful Evaluation. Paper presented at the annual National Educational Computing Conference, 1999.

Assessing Technology Infusion: A Case Study Approach. Paper presented at the Annual Conference of the Society for Information Technology and Teacher Education, 1999.

The Search for Meaningful Evaluation of Online Courses. Paper presented at the Annual Conference of the Society for Information Technology and Teacher Education, 1999.

Using the Case Study to Examine the Effects of Technology Infusion. Paper presented at the Annual Conference of the California Educational Research Association, 1998.

ACT Now!: Innovations in Learning Call for Innovative Evaluation. Paper presented at the Annual Conference of the Society for Information Technology and Teacher Education, 1998.

ACT Now!: Innovative Strategies for Measuring Technology Integration. Paper presented at the annual National Educational Computer Conference, 1998.

Computer-Delivered Feedback and Writing Performance of At-Risk Students. Paper presented at the Annual Conference of the Association of Educational Communications and Technology, 1995.

Performance Technology Can Make a Difference in Public Education (with Allison Rossett, Nancy Dosick, and Jan Garbosky). Paper presented at the Annual Conference of the National Society for Performance and Instruction, 1992.

State-Level Presentations

Professional Development: Changing Expectations. Paper presented at the Annual Conference of the California League of Middle Schools, 2000.

Using Case Studies to Measure Technology Infusion. Paper presented at the Annual Conference of the California League of Middle Schools, 1999

Building Curriculum with ClarisWorks and a Template-Based Instructional Model (with Mary Cron). Paper presented at the Spring Conference of Computer Using Educators, 1994.

The Teacher as Instructional Designer (with Darla Cox). Paper presented at the Spring Conference of Computer Using Educators, 1994.

Special Presentations/Awards

Editor (Measurement), *OERI Technology Evaluation Sourcebook 2000.*

Measuring Teacher Outcomes: Pedagogy, OERI Technology Evaluation Institute, 2000.

Using Case Studies to Evaluate Technology Integration and Infusion (with Dr. Ellie Lynch, Special Education), OERI Technology Evaluation Institute, 1999.

Reviewer

Consulting editor for the development section of *Educational Technology Research and Development* (ETR&D).

Proposal reviewer for the Division of Instructional Development (DID), AECT.

Funded Research Grants

Learning through CyberApprenticeship (Dr. Bernard Dodge, Principal Investigator; Dr. Marcie Bober, Project Evaluator). US Dept. of Education, Higher Education Programs, Fall '99 (\$709,833 over a three-year period).

Triton Project (Richard Fabian, SDCS, Project Director; Dr. Bernie Dodge, Curriculum Consultant; Dr. Marcie Bober, Project Evaluator). US Dept. of Education, Technology Innovation Challenge Grant. Funded 1995-2000 (~\$100,000 each year for curricular and evaluative services).

ACT Now! (James Frazee, Sweetwater Union High School District, Project Director; Dr. Marcie Bober Project Evaluator). US Dept. of Education, Technology Innovation Challenge Grant. Funded 1996-2001 (~\$60,000 each year for evaluative services).

Patterns (Richard Fabian, SDCS, Project Director; Dr. Bernie Dodge, Curriculum Consultant; Dr. Marcie Bober, Project Evaluator). US Dept. of Education/State of California, Technology Literacy Challenge Grant. Funded 1997-2001 (~100,000 each year for curricular and evaluative services).

Criteria by which online programs may be evaluated: A systematic approach to assessing value from the student's perspective. Dean's Grant, College of Education, San Diego State University, Fall '98 (\$1,750).

Professional Projects/Activities

Services and Products: Consulting services

- State of California, California Commission on Peace Officer Standards and Training (POST): Solicited to conduct an independent evaluation of a specialized instructor training program (final results to be submitted October 1, 2000).
- State of California, California Commission on Peace Officer Standards and Training POST: Upon request from San Diego City Schools Police, developed a total training package (TTP) – Tactical Awareness in the Educational Environment – that satisfies six of the 32-hours of specialized training now required (under SB 1626) for all full- and part-time school safety personnel (officers, security aides, etc.).
- Chancery Software: As part of a team led by IESD, Inc., conducted a comprehensive literature review that focused on the various effects of a district-wide SIS implementation.
- Compaq Computer: As part of a team led by IESD, Inc., helped to conduct market research that examined the needs of educators at both the K-12 and college levels. Specific tasks included recreating the survey in FileMaker Pro, analyzing and interpreting the data, and drafting final reports.

- Urban Systemic Initiative, San Diego City Schools. Conducted an evaluation of the professional development component of a program designed to improve the content knowledge and instructional skills of local-area math and science teachers.
- Chancellor's Office, The California State University: Conducted an evaluation of five Institutes funded, in part, by the CSU's Commission on Learning Resources and Instructional Technology (CLRIT). The Institutes (faculty development workshops offered at several universities within the CSU system) showcased innovative classroom practices and promoted new paradigms of technology-enhanced teaching and learning.
- Motorola University West (Tempe, Arizona): For a two-year period, presented a variety of one-day technology workshops to Motorola employees (e.g., Internet navigation, Internet productivity, Macintosh basics, "beginning" Microsoft® Excel, "intermediate" Microsoft® PowerPoint, and "advanced" Microsoft® Word).

Services and Products: Software

- Scholastic, Inc. (under contract to IESD, Inc.) – Designed and produced 10- to 16-panel user's guides for a variety of instructional CDs (including MathBlaster, AlgeBlaster, SimEarth, SimFarm, and Widget Workshop).
- Electronic Arts/Creative Wonders (under contract to IESD, Inc.) – Designed and developed user's guides (including activities) to accompany a series of interactive CDs premised on the original *Schoolhouse Rock* TV shows (target market: K-8).
- School Zone Interactive (under contract to IESD, Inc.) – Designed and developed user's guides (including activities) to accompany a series of interactive CDs for beginning readers (target market: K-3).
- Kaplan (under contract to IESD, Inc.) – Designed and developed a user's guide (including activities) to accompany an interactive ACT/SAT test preparation CD (target market: 9-12).
- Electronic Arts/Creative Wonders (under contract to IESD, Inc.) – Designed and developed a user's guide (including activities) to accompany *Atlas '98*, an interactive social studies CD (target market: 5-12).
- McGraw Hill (under contract to Rymel Multimedia) – Designed and developed interdisciplinary ClarisWorks activities to accompany *Bravo!*, a Spanish language text (target market: 6-12).
- Rand McNally (under contract to Rymel Multimedia) – Designed and developed interdisciplinary ClarisWorks activities that featured specific atlases (target market: 6-12).
- Sunburst Communications – Designed and developed a user's guide to accompany a brainstorming/semantic mapping product (target market: 5-12).
- Scott Foresman (under contract to Rymel Multimedia) – Wrote biographical and historical text to accompany a series of literature-based CDs (target market: 5-12).
- Cliffs Notes – Researched and wrote language arts test items for a GED test preparation CD (target market: young adult and adult).

Services and Products: Print

- Sunburst Communications – Designed and developed a staff development workshop for teachers and district personnel to accompany a suite of writing applications.
- International School of Information Management (ISIM) – Wrote and beta-tested a sexual harassment training package.
- International School of Information Management (ISIM) – Designed and developed three core courses for a computer science degree program (*Essentials of Object-Oriented Technology; C++: An Introduction; Overview of Management Information Systems*).
- Insurance Educational Association (IEA), which is the accrediting agency for California's insurance industry – Developed (and continue to update) a workers' compensation fraud awareness workshop and "red flag" system.
- Transportation Site Liaison Handbook (Department of Transportation, San Diego City Schools), with Allison Rossett, Nancy Dosick, and Jan Garbosky – Development of this product was chronicled in a 1992 NSPI monograph (Bill Deterline, Editor) entitled *Performance Technology Success Stories*.

Participation in Professional Associations

- American Educational Research Association (AERA)
- American Society for Training and Development (ASTD)
- Association for Educational Communications and Technology (AECT): former Division of Instructional Development (DID) Board Member; current Host Volunteer Committee Chair for the 2000 conference
- Association for Supervision and Curriculum Development (ASCD)
- California Educational Research Association (CERA)
- California League of Middle Schools (CLMS)
- Computer Using Educators (CUE)
- International Reading Association (IRA)
- International Society for Technology in Education (ISTE)
- Phi Delta Kappa
- National Council of the Social Studies (NCSS)
- National Council of Teachers of English (NCTE)
- Society for Information Technology and Teacher Education (SITE)