

department. Installed and managed a Windows NT network and an instructional multimedia development lab.

Marin Catholic High School Kentfield, CA
Department Head and Classroom Teacher, 1992-1998.
Computer Studies Department Chair, Physics and Mathematics Teacher. Courses taught include: Geometry, AP Calculus, Calculus, Physics, Computer Applications, CADD, Graphic Design, Multimedia Production, Programming. Senior Class advisor.

Fenster School of Southern Arizona Tucson, AZ
Department Head and Teacher, 1990-1992.
Designed and implemented individualized curricula for Mathematics courses, including Pre-Algebra, Algebra I, Geometry, Algebra II, Pre-Calculus, AP Calculus. Provided individualized assessment and instruction for remedial, LD, and ESL students. Dorm parent for ten resident students. Assistant coach for soccer and baseball.

**Corporate
Experience:**

Option Six, Inc. Bloomington, IN
Vice President for Development, 2001-present.
Designed and supervised the development of e-learning and online education courses for corporate, university, and government clients. Developed and maintained client relationships and pursued government grant (SBIR/STTR) and contract opportunities.

Unext.com Bloomington, IN
Director of Online Course Development, 2001.
Designed and supervised the development of graduate and executive education-level business courses for Cardean University, collaborating with distinguished professors from Columbia Business School, the University of Chicago's Graduate School of Business, and others. Supervised five e-learning development teams.

Product Development Manager, 2001.
Managed the design and development of online MBA courses in the areas of strategic management, global business strategy, and Pre-MBA preparation. Provided pedagogical review for all executive education courses produced in the Bloomington Development Center. Coordinated the hiring of Subject Matter Experts for all courses.

Course Developer and Learning Architect, 2000.
Supervised a five-member development team in the production of graduate level online courses in Data Mining, Change Management, and others.

Military

Experience: **U. S. Navy (reserve)** Bloomington, IN
Reserve Officer, 1988 – present.

Present rank: Commander. Various positions and units, including:

Naval Research Laboratory Science and Technology – supporting research scientists at the Naval Research Laboratory, Washington, DC.

US Forces Japan – supporting the Commander, US Forces in Japan. Staff Engineering Officer.

Space Warfare Systems Command – supporting the Commander, Navy Space Warfare systems command in San Diego, CA. Executive Officer.

Naval Shipyard, Mare Island – supporting submarine overhaul projects at Mare Island Naval Shipyard, Vallejo, CA. Training Officer.

U. S. Navy (active) Alameda, CA
USS Carl Vinson (CVN 70), 1984 – 1988.

Qualified Engineer on aircraft carrier nuclear propulsion system. Managed nuclear training program for 350 personnel.

Publications: Essex, C., Beatty, B. J., & Song, P. (1999). A statistics course website. In Frick, T. & Boling, E., *Practical web development*. Unpublished manuscript.

Beatty, B. J. and Reigeluth, C. M. (in review). Instructional systems design. In M. Mukhopadhyaya (Ed.). *Educational technology and beyond*.

Conference

Presentations: *Building online executive education courses that work: Design opportunities and challenges*, with Branon, R., and Wilson, J. Association for Educational Communications and Technology, Atlanta, GA (November, 2001).

Developing online courses: A human-centered approach, with Branon, R., and Wilson, J. Association for Educational Communications and Technology, Atlanta, GA (November, 2001).

Embedded self-assessments in executive education courses: Improving participant learning and perceptions of course quality, with Wilson, J. and Branon, R. WEBNET 2001, Orlando, FL (October, 2001).

Social interaction in online learning: Situationalities that affect the effectiveness of social interaction instructional methods. 13th Annual IT Institute, Utah State University, Logan, UT (August, 2001).

Online interaction: Just how smart are starter-wrapper discussions in the Smartweb? 17th Annual Conference on Distance Teaching and Learning, Madison, WI (August 2001).

A course website one year later: Lessons learned, with Essex, C., and Song, P. ED-MEDIA 2000, Montreal (July 2000).

**Scholarships
and Awards:**

Instructional Technologies Fellowship
Department of Instructional Technologies, San Francisco State University, 1997.

Physics Teacher Fellowship
Physics Department, University of San Francisco, 1994-1996.

Industry Initiatives in Science and Math Education Fellowship
Pacific Bell, San Ramon, CA, 1993.

U. S. Navy Reserve Officer Training Corps Scholarship
Marquette University, 1979-1983. Four year, full tuition scholarship.

**Professional
Affiliations:**

Member, American Educational Research Association
Member, Association for Educational Communications and Technology
Member, Central Indiana ASTD
Member, International Society for Performance Improvement