

BEVERLY LOUIE
DIRECTOR
Women in Engineering Program
SENIOR INSTRUCTOR
Department of Chemical and Biological Engineering
University of Colorado
Boulder, CO 80309-0422
Phone: 303-492-4967, Fax: 303-492-5414

Education

1993	University of Oxford	D.Phil., Mechanical Engineering
1983	University of Colorado	M.S., Chemical Engineering
1977	University of Colorado	B.S., Chemical Engineering

Professional Experience

1995-Present	University of Colorado , Boulder, Colorado – Senior Instructor, Department of Chemical and Biological Engineering. Director, Women in Engineering Program
1983-2000	National Institute of Standards and Technology , Boulder, Colorado – Research Chemical Engineer
1978-1981	Pacific Power and Light , Gillette and Casper, Wyoming – Plant Chemist, Water Treatment Engineer
1977-1978	Amoco Production Company , Denver, Colorado – Process Engineer

Principle Publications of Last Five Years

- (1) Louie, B. and Aragon, D., A Model Partnership for WIEP and MEP, paper and workshop to be presented at 2005 WEPAN-NAMEPA Third Joint Conference, Las Vega, NV, April 2005.
- (2) Louie, B., Knight, D. and Sullivan, J., Women's Manufacturing Workshop Series that Supports Inclusiveness and Skill Building in Undergraduate Engineering Education, Conference Proceedings of ASEE 2003 Annual Conference and Exposition, Nashville, TN, June 2003.
- (3) Sullivan, J.F., Reamon, D. and Louie, B. (2003), "Girls Embrace Technology: A Summer Internship for High School Girls," Proceedings, Frontiers in Education Annual Conference, Boulder, Colorado, November 2003, paper #1159, pp. T4D-6 – T4D-11, Session T4D.
- (4) Watts, L. and B. Louie, Apparatus for measuring vapor-liquid equilibria and phase densities of complex aqueous solutions, Intl. J. Thermophysics, September (2000).

Textbook

J. Abarca, A.J. Bedard, D.W. Carlson, L.E. Carlson, J. Hertzberg, B. Louie, J. Milford, R. Reitsma, T. L. Schwartz and J.F. Sullivan, (2000) "*Introductory Engineering Design: A Projects-Based Approach*," Third Edition, Textbook for GEEN 1400: First-Year Engineering Projects and GEEN 3400: Innovation and Invention, ITL Program and Laboratory, College of Engineering and Applied Science, University of Colorado at Boulder.

Scientific and Professional Societies

Society of Women Engineers, American Association of Engineering Educators, Women in Engineering Program Advocates Network

Professional Development in the Last Five Years

Invited Speaker, ASEE Engineering Dean's Institute, How to Improve Student Retention and Outreach, Santa Monica, California, March 24, 2003

Honors and Awards

- 2001 Humanitarian Service Award – Rocky Mountain Survivors Center, Prosthetic arm project
- 2003 Suburu Educator Spotlight Award
- 2005 Chancellor's Committee on Women Program Award
- 2005 Boulder County Community Action Program Multicultural Award

Institutional, Professional & Volunteer Service in the Last Five Years

Women in Engineering Program – Outreach, Recruitment, Retention, and Scholarship Awards
Department of Chemical and Biological Engineering – Cooperative Education Coordinator
College of National Visiting Committee – Southwestern Indian Polytechnic Institute NSF ATE Program
Society of Women Engineers – Faculty Advisor for CU Student Chapter