

Kathy J. Volz

Instructor, Gallogly College of Engineering

The University of Oklahoma

Norman, OK 73019

Phone: 814-880-7070 ~ Email: kvolz@ou.edu

EDUCATION

M.B.A., University of Illinois at Chicago, 1990. Emphasis in Economics & Finance.

B.S. in Industrial & Enterprise Engineering, University of Illinois at Urbana-Champaign, 1981.

Secondary field in Business Administration.

PROFESSIONAL HISTORY

Instructor, Gallogly College of Engineering, 8/16 - Present

ENGR1411 – Freshman Engineering Experience, Fall 16 – Present. Explore basic engineering principles such as team work, problem solving, design, and fabrication through a variety of hands-on projects. Freshman course, all engineering majors.

ENGR2002 – Professional Development, Fall 16 – Present. Develop an understanding of engineering ethics, teamwork, leadership, and professional responsibility through the concepts of contemporary, social, and global issues. Sophomore course, all engineering majors.

ENGR4510G – Fundamentals of Project Management, Fall 18. This online course takes students through the project life cycle from planning and estimation to turnover and closeout. It emphasizes both technical and sociocultural components of project management, including negotiation, managing teams, and risk management. Online M.S. in Civil Engineering and M.S. in Environmental Science: Hydrology & Water Security.

ENGR4013G – Leadership and Management for Engineers, Spring 19. This online course prepares students for leadership and management positions in a global culture. The course emphasizes team building attributes in a multi-cultural organization and how to build commitment among team members. Students will gain a better understanding of themselves and their personal and professional goals. Graduate course, Online M.S. in Civil Engineering.

Technical Program Manager, Leonard Wood Institute, 1/09 – 6/13

Prepared solicitations that invited research proposals for LWI consideration. Worked with civilian and uniformed members of the U.S. military to determine the capability requirements that may be the basis of future research and development projects at Fort Leonard Wood and elsewhere. Analyzed and prioritized specific military science and technology needs for the purposes of advising LWI stakeholders and partners. Worked with companies, universities, and non-profit organizations as needed to couple their capabilities, core competencies, and technologies to military missions.

Business Development Specialist, Missouri University of Science & Technology, 7/08 – 12/09

Connected and developed partnerships between University and private sector researchers, particularly in support of federally funded small business research via SBIR/STTR grants, as well as funding opportunities at Leonard Wood Institute and the Missouri Technology Incentive Program (MoTIP). Responsible for matching University research expertise to private sector needs, assisting in the pursuit of small business funding opportunities, and providing training and support throughout the funding lifecycle.

Negotiator, The Pennsylvania State University, 2/04 – 6/08

Reviewed, analyzed, negotiated, and processed contracts, master agreements, task order agreements, grants, IP MOUs, NDAs, and gifts. Prepared and negotiated subcontracts under University awards. Complexity ranged from unrestricted gifts to multi-year fixed-price contracts for industry. Sponsors included federal agencies (including many non-FDP awards), State agencies, municipal agencies, for-profit industrial firms, foreign entities, industry consortia, foundations, not-for-profit organizations, and other institutions of higher education. Colleges served: Engineering (Aerospace, Architectural, Civil & Environmental, Computer Science, and Electrical Engineering Departments), Information Sciences and Technology, Liberal Arts, Education, Health & Human Development, and Dickinson School of Law. Served on Export Compliance Committee.

Associate Director of Development, The Pennsylvania State University, 9/02 – 1/04

Identified, cultivated, solicited, and stewarded major gifts for the College of Engineering. Responsible for relationship development with prospective donors and coordinating compliance with endowment requirements.

National Marketing Director, Greeley and Hansen, 11/01 – 7/02

Managed 11-person marketing support staff for 350-person, ENR Top 500 environmental engineering firm. Worked with regional business development managers to identify and implement firm-wide marketing strategy.

Marketing and Communications Manager, Harza Engineering Company, 3/99 – 7/01

Managed staff of 25 marketing support and communications staff (proposal coordinators, graphic artists, and writers) in four offices nationwide. Harza was a 1,000-person, ENR Top 100 consulting engineering firm specializing in water and power. Positions held: Junior Partner, 2000 – 2001; Marketing and Communications Manager, 1999 – 2001. Previous positions: Marketing Services Manager, 1990 – 1991; Senior Proposal Coordinator, 1989; Proposal Coordinator, 1986-1989.

Business Development Manager, Construction Technology Laboratories, 6/96 – 3/99

Managed marketing support and communication services staff of three for a 130-person firm specializing in forensic engineering, materials testing, and research. CTL is a wholly owned subsidiary of the Portland Cement Association, the cement manufacturers' association. Prepared corporate marketing materials and provided proposal assistance to technical groups.

Contract Administrator, Kenny Construction Company, 94 – 96

Contract Administrator for Power, Industrial & Institutional Division of Chicago Top 10 General Contractor. Provided on-site management of contractual issues and client billing for construction of two municipal solid waste recycling facilities, \$30M constructed value. Coordinated trade contractor bidding process. Participated in contract negotiations and drafted contracts. Prepared proposals for construction management projects.

Senior Associate, Coopers and Lybrand, 91 – 94

Senior Associate in the Litigation and Claims Services Division of “Big 8” accounting firm. Conducted economic damage analyses in support of expert witness testimony. Litigation included commercial contract disputes and intellectual property disputes. Litigants included construction companies, manufacturers, and insurance companies.

Field Engineer, Gust K. Newberg Construction Company, 84 – 86

Prepared steel detailing packages for iron workers to install seismic reinforcements at Braidwood Nuclear Plant. Worked on site during construction phase, prior to fuel loading and operation.

Paralegal, Layman, Loft, Arpin and White, 82 – 84

Assisted in discovery and trial preparation for complex litigation matters, including lead poisoning cases, environmental cleanup, commercial and construction contract disputes, wrongful death cases, and personal injury cases.

Sales Engineer, Reliance Electric, 81 – 82

Provided sales and client support services to OEMs and architects/engineers for industrial electric motor applications.