

Curriculum Vita

Allan J. Hauck, Ph.D., CPC

Address

206 Bradley Ave.
Morro Bay, CA 93442

Education

- Ph.D. (1990) University of Maryland, College Park
Technology Education
Dissertation Title: *Development and Evaluation of Computerized Construction Estimating, Pricing, and Bidding Programs Using Integrated Applications Software.*
- Cognate in Architectural Sciences including environmental control systems, structures, and construction productivity.
- M.Ed. (1979) Bowling Green State University.
Career and Technology Education
Thesis Title: *The Relationship between Affective Work Competencies Inventory Scores and Other Measurements of Work Values, Habits, and Attitudes of Workers in Northwest Ohio.*
(research in validity testing of work values inventories)
- Coursework in estimating, strength of materials, structural design, construction practices, architectural graphics, vocational behavior, work values, educational research, and curriculum development.
- 1974 - 1975 University of Illinois
Educational Psychology
- Graduate Coursework
- B.A. (1973) Kalamazoo College
Psychology
- With Honors in Psychology and concentration in Education.
- 1971 - 1972 Bogazigi Universitesi, Istanbul, Turkey
Foreign Exchange Student
- Architectural History and general coursework.

Professional Licensure/Registration

1987 American Institute of Constructors (AIC) - "Constructor" rank
1997 Certified Professional Constructor (CPC) - Level II Examination

Professional Experience

Educational Settings

2019 – Present Professor Emeritus, Construction Management Department, California Polytechnic State University.

Responsibilities: teaching undergraduate courses part-time (currently 1/3 time) and advising students completing their Senior Projects. Also performing department service, as requested, representing the department with external constituencies and serving on faculty committees.

2002 – 2019 Department Head and Professor, Construction Management Department, California Polytechnic State University.

Responsibilities: leadership in and administration of all curricular, budgetary, personnel, and student issues related to the department. Representation of the department to internal constituencies in the College of Architecture and Environmental Design and the University and to external constituencies throughout California and the country.

2001 – 2002 Associate Department Head for Undergraduate Education and Internships, Department of Manufacturing Technology and Construction Management, Colorado State University

Responsibilities: oversight of undergraduate education, curriculum, advising, student administration, class scheduling, teaching assignments, student transfers/applications, articulation agreements, and internships. Coordination with other undergraduate departments on campus.

2001 (January – July) Visiting Scholar, School of Environmental Design, University of Canberra, Canberra, Australia

Responsibilities: advise 16 Colorado State University students during their Study Abroad program in Canberra, co-teach Construction Technology 4 course, and collaborate with construction management faculty from University of Canberra,

Royal Melbourne Institute of Technology, and Queensland University of Technology.

1999 – 2002

Associate Professor, Department of Manufacturing Technology and Construction Management, Colorado State University

Responsibilities: advise graduate student research, pursue funded research in applied management, serve as Director of the Construction Management Applied Research Center, serve as one of the advisors to the Construction Management Club, develop and teach undergraduate and graduate coursework (both on campus and in the Denver Construction Management Master's Program) in the following areas:

Construction Project Administration
Trends and Issues in Manufacturing Technology and Construction Management (Graduate Course)
Applied Research Methods (Graduate Course)

1994 – 2002

Graduate Faculty (Full Graduate Faculty status), School of Education, Colorado State University, which permits advising and co-chairing graduate committees of Ph.D. candidates in the department's joint doctoral program with the School of Education.

1996 – 2001

Undergraduate Construction Management Program Coordinator, Department of Manufacturing Technology and Construction Management, Colorado State University

Responsibilities: coordinate curricular activities of the Construction Management Program, assist faculty in professional development, coordinate public relations with business and industry, help recruit new students, aid in placement of graduates, promote faculty and student participation in professional associations, coordinate schedule of classes and faculty teaching assignments

1993 – 1999

Assistant Professor, Department of Manufacturing Technology and Construction Management, Colorado State University

Responsibilities: advise graduate student research, develop and teach undergraduate and graduate coursework in the following areas:

Project Administration (Senior Capstone Course)
 Commercial Construction Procedures
 Construction Surveying
 Construction Estimating
 Construction Project Planning and Scheduling
 Trends in Project Development (Graduate Course)
 Advanced Construction Management (Graduate Course)

One of the faculty advisors to Construction Management Club. Initiated and served as faculty advisor for new Student Chapter of American Institute of Constructors. Principal and Co-principal Investigator on research projects sponsored by the Center for Stabilization and Reuse of Important Structures, Rocky Flats Environmental Technology Site, and others.

1979 - 1987

Program Coordinator and Lead Instructor, Department of Technology, Construction Management/Technology Program, University of Maryland Eastern Shore

Responsibilities: coordinated curricular, outreach, public relations, recruiting, and advising efforts of the Construction Management/Technology Program and developed and taught coursework in the following areas:

Estimating	Statics
Scheduling	Strength of Materials
Contracts & Specifications	Structural Design
Construction Methods	Site Development
Surveying	Wood Technology

Initiated and served as faculty advisor for new Student Constructors Association affiliated with Associated General Contractors and Associated Builders and Contractors.

1978 - 1979

Teaching Associate, College of Technology, Construction Technology Department Bowling Green State University

Responsibilities: instructed coursework in land planning and development and assisted in surveying, construction practices, and residential construction. Prepared extensive study guide and curriculum material for the land planning course.

1974 - 1975

Teaching Assistant, Department of Psychology, University of Illinois

Responsibilities: instructed an Introduction to Psychology course to undergraduate students.

Industry Settings

1987 - 1993

Director of Resource Management/Senior Project Manager, The Leapley Company, Washington, D. C. and Baltimore, Maryland.

Responsibilities: developing and implementing computerized systems for scheduling, labor tracking, and estimating. Served as senior project manager and estimator for commercial projects up to \$4 million. Responsible for team of project managers and estimators charged with servicing the ongoing construction needs of major real estate developers in the metropolitan area. As director, participated in administrative decisions at the corporate level in the areas of team structure, strategic planning, training, and computer software development for a \$36 million per year firm.

1979 - 1987

1993 - present

Consultant

Responsibilities: provide expert witness and expert analysis services for legal cases involving construction issues. Develop and produce project management and administration training, business evaluations, and strategic planning. Develop manual and computerized estimating and job costing systems, general microcomputer applications, long range management plans, and employee/organizational manuals.

1976 - 1979

Owner/Operator.

The Wood Shed, custom woodworking and residential renovation company, Fremont, Ohio.

Responsibilities: managed all accounts, records, and employee supervision.

1973 - 1976

Carpenter/Foreman

Residential construction firms; Albany, New York and Champaign, Illinois.

Responsibilities: framing, finished carpentry, project layout, punchlist resolution, and employee supervision.

Peer Reviewed Publications

Hauck, A.J., "Restructuring a Construction Management Industry Advisory Board – A Case Study." 52nd Annual Associated Schools of Construction National Conference Proceedings. (2016)

Monson, C. and Hauck, A. J., "A Model for Professional Inquiry-based Education: Lessons from Construction Management Toward Further Research." 48th Annual Associated Schools of Construction National Conference Proceedings. (2012)

Monson, C. and Hauck, A. J., "A Comparison of Two Inquiry-based Construction Management Curricula." 48th Annual Associated Schools of Construction National Conference Proceedings. (2012) (Awarded Second Best Paper at Conference)

Kelting, S. D. and Hauck, A. J., "Project-Based Delivery System for an Integrated Residential Construction Course." 46th Annual Associated Schools of Construction National Conference Proceedings. (2010)

Montoya, M. A., Kelting, S. D., and Hauck, A. J., "Pilot Study of an Integrated Construction Management Curriculum." 45th Annual Associated Schools of Construction National Conference Proceedings. (2009)

Gunderson, D. E., Barlow, P. L., and Hauck, A. J., "Construction Superintendent Skill Sets." 43rd Annual Associated Schools of Construction National Conference Proceedings. (2007)

Hauck, A. J. and Jackson, B. J., "Design and Implementation of an Integrated Construction Management Curriculum." 41st Annual Associated Schools of Construction National Conference Proceedings. (2005)

Hauck, A. J., Walker, D. H. T., Hampson, K. D., and Peters, R. J., "Project Alliancing at the National Museum of Australia Project – A Case Study of the Collaborative Process." Journal of Construction Engineering and Management (ASCE), Vol. 130, No. 1 (2004), pp.143-152.

Plugge, P. W., De Miranda, M. A., and Hauck, A. J., "Qualitative Comparison of Two Design-Build Infrastructure Projects." (2003) – Proceedings of the International Conference on Information Systems in Engineering and Construction (ISEC 2003) June 12, 2003, Cocoa Beach, Florida.

De Miranda, M. A. and Hauck, A. J., "In Search of Common Ground: The Co-existence of Technology Management and Technology Education Programs in a Model Undergraduate University Curriculum." Journal of Industrial Teacher Education. (2002).

Weber, P. A. and Hauck, A. J., "Requisite Skill Differences of Baccalaureate Graduates among Three Building Disciplines." 37th Annual Associated Schools of Construction National Conference Proceedings. April, 2001, pp. 285-295. Also in the Journal of Construction Education. (2002)

Senior, B. A. and Hauck, A. J., "Designing Engineering Contents for a Construction Management Program." Journal of Construction Education. Vol. 6, No. 2 (2001), pp. 65-74. Also appearing in the 36th Annual Associated Schools of Construction National Conference Proceedings. April, 2000.

Hauck, A. J., Allen, S. Y., and Rondinelli, D. F., "Impact of Structured Internship Programs on Student Performance in Construction Management Curricula." Journal of Construction Education. Vol. 5, No. 3 (2000), pp. 272-287. Also appearing in the 36th Annual Associated Schools of Construction National Conference Proceedings. April, 2000.

Hauck, A. J. and Weber, P. A., "Trends in Starting Salaries in Construction Management and Related Professions from 1990 to 1996." The American Professional Constructor. Vol. 22, No. 1 (1998), pp. 17-23.

Hauck, A. J., "A Model Undergraduate University Curriculum in Technology Management." International Journal of Technology Management. Vol. 17, No. 5/6 (1998).

Hauck, A. J., "Toward a Taxonomy of Learning Outcomes for Construction Management Education." Journal of Construction Education. Vol. 3, No. 3 (1998), pp.150-163. Also appearing in the 34th Annual Associated Schools of Construction National Conference Proceedings. April, 1998, pp. 87-102.

Hauck, A. J. and Chen, G., "Using Action Research as a Viable Alternative for Graduate Theses and Dissertations in Construction Management." Journal of Construction Education. Vol. 3, No. 2 (1998), pp. 79-91. Also appearing in the 34th Annual Associated Schools of Construction National Conference Proceedings. April, 1998, pp. 29-42.

Hauck, A. J., "Upgrading Traditional University Curricula Using Technology Management as a Core Discipline." Proceedings of the 7th Conference of the International Association for the Management of Technology. February, 1998, pp.1719-1728.

Hauck, A. J. and Chen, G., "Using Action Research as a Viable Alternative for Graduate Theses and Dissertations in Construction Management." Associated Schools of Construction Regional Conference Proceedings. February, 1998.

Hauck, W. C., Bansal, A. K., and Hauck, A. J., "Simultaneous Engineering - Correlates of Success." International Journal of Production Economics. Vol. 52 (1997), pp. 83-90.

Hauck, A. J., "Construction Management Curriculum Reform and Integration with a Broader Discipline: A Case Study." Journal of Construction Education. Vol. 3, No. 2 (1998), pp. 118-130. Also appearing in the 33rd Annual Associated Schools of Construction National Conference Proceedings. April, 1997, pp. 33-43.

Hauck, A. J. and Rockwell, Q. T., "Desirable Characteristics of the Professional Constructor: the Results of the Constructor Certification Skills and Knowledge Survey." Journal of Construction Education. Vol. 2, No. 1 (1997), pp. 24-36. Also appearing in the 32nd Annual Associated Schools of Construction National Conference Proceedings. April, 1996, pp. 137-148.

Hauck, A. J. and Hauck, W. C., "How 'Safe' is Safety as a Factor in a Multifactor Gainsharing Plan?" Productivity and Quality Management Frontiers - VI (Proceedings of the 1997 International Conference on Productivity and Quality Research). March, 1997, pp. 394-406.

Maxwell, J. L. and Hauck, A. J., "Analysis and Comparison of Construction Market Forecasts." The American Professional Constructor. Vol. 21, No. 1 (1997), pp. 19-23.

Hauck, A. J., "Construction Management Curriculum Reform and Integration with a Broader Discipline: A Case Study." Associated Schools of Construction Regional Conference Proceedings. February, 1997.

Hauck, A. J., "The Development of a National Professional Constructor Certification Process in the United States of America." Proceedings of the 1996 CIB Beijing International Conference. October, 1996. (Abstract accepted for publication - full paper not submitted due to attendance requirement and lack of funding.)

Hauck, A. J. and Rockwell, Q. T., "Desirable Characteristics of the Professional Constructor: the Results of the Constructor Certification Skills and Knowledge Survey." Associated Schools of Construction Regional Conference Proceedings. February, 1996.

Murphy, J. D., Hauck, A. J., and Jensen, D. A., "Application of the Americans with Disabilities Act to Indoor Air Quality Issues: Does It Meet the Criteria?" Indoor Environment '95 Conference Proceedings. May, 1995, pp. 86-98.

Griffin, G. S., Hauck, A. J., and Reidhead, J. D., "Historic Preservation - New Opportunities in Graduate Education." 31st Annual Associated Schools of Construction National Conference Proceedings. April, 1995, pp. 95-99.

Other Publications

“Case Analysis and Review in the Case of James Sullo et al. v. Brian Jeffrey Bobb et al.” Results of expert witness analysis. January, 2012.

“Case Analysis and Review of the ‘Tower Crane Collapse’ Case, Seattle, Washington.” Results of expert witness analysis and deposition testimony. December, 2008.

“Expedition x.x Tutorial.” Written with R. A. Killingsworth, Jr. A tutorial to guide students and other first time users of Expedition project control software. Updated semi-annually to reflect current software updates. Copyright 1997-2002.

“Project Engineering Training.” Original Study Guide for 16 Hour Seminar presented to Western Summit Constructors. July, 2000 and updated January, 2002.

“Construction Scheduling Procedures for Field Managers.” Original Study Guide for 16 Hour Seminar presented to M. W. Golden Constructors, Shaw Construction, and Rhoads Construction. 1999 and updated 2000.

“Case and Schedule Analysis in the Case of Advanced Tank v. Reliable Mechanical Contractors.” Results of expert witness analysis. March, 1999.

“Case Analysis and Review in the Case of Nealy v. Flint Quality Constructors, Inc.” Results of expert witness analysis and testimony. December, 1998.

“Case Analysis and Review in the Case of Franz v. Casco Design Managemet, Inc.” Results of expert witness analysis and testimony. September, 1998.

“Project Management Training - Guide for Participants.” Written with R. Johnson. Original Study Guide for 30 Hour Seminar in Project Management for the Antarctic Support Associates in Denver, Colorado. August, 1998.

“Case Analysis and Review in the Case of AGRITRAK, Inc. v. DeJohn Housemoving.” Results of expert witness analysis and testimony. May, 1998.

“Supplemental Report in the Case of Greeneisen Company v. DeJohn Housemoving.” Results of expert witness analysis and testimony. December, 1996.

“Preliminary Report in the Case of Greeneisen Company v. DeJohn Housemoving.” Results of expert witness analysis and testimony preparation. October, 1996.

"Rationale for Curriculum Reform and Staffing Needs." Final report on Manufacturing Technology and Construction Management departmental curriculum reform process, Committee Chair and Principal Author. October, 1996.

"Change Control." Original Study Guide for 12 Hour Workshop in Construction Project Management Training for E.G. & G. Idaho/Rocky Flats. July, 1995.

"Measurements and Earned Value Analysis." Original Study Guide for 12 Hour Workshop in Construction Project Management Training for E.G. & G. Idaho/Rocky Flats. June, 1995.

"Departmental Program Review, 1986-1994, Department of Industrial Sciences" (now Department of Manufacturing Technology and Construction Management), Committee Chair and Principal Author. March, 1995.

"Review of Case Analysis for Gerald E. Palmer (Defendant)." Results of expert witness analysis and testimony. June, 1994.

"Facilities Conditions Report - Barton Elementary School." Final report to Poudre R-1 School District co-authored with investigation team. May, 1994.

"Discovery and Reward - The Story of the Restoration of the Teackle Mansion", Monograph published by Robert E. Laird and Allan J. Hauck in 1984.

Peer Reviewed Presentations (Regional, National, International)

"Restructuring a Construction Management Industry Advisory Board – A Case Study", presentation to the Associated Schools of Construction (ASC) National Conference, April 2016. Provo, Utah.

"A Model for Professional Inquiry-based Education: Lessons from Construction Management Toward Further Research", presentation to the Associated Schools of Construction (ASC) National Conference, April, 2012. Birmingham, England. With C. Monson.

"A Comparison of Two Inquiry-based Construction Management Curricula", presentation to the Associated Schools of Construction (ASC) National Conference, April, 2012. Birmingham, England. With C. Monson.

"Project-Based Delivery System for an Integrated Residential Construction Course", presentation to the Associated Schools of Construction (ASC) National Conference, April, 2010. Boston, Massachusetts. With S. D. Kelting.

“Pilot Study of an Integrated Construction Management Curriculum”, presentation to the Associated Schools of Construction (ASC) National Conference, April, 2009. Gainesville, Florida. With M. A. Montoya and S. D. Kelting.

“Construction Superintendent Skill Sets”, presentation to the Associated Schools of Construction (ASC) National Conference, April, 2007. Flagstaff, Arizona. With D. E. Gunderson and P. L. Barlow.

“Design and Implementation of an Integrated Construction Management Curriculum”, presentation to the Associated Schools of Construction (ASC) National Conference, April, 2005. Cincinnati, Ohio. With B. J. Jackson.

“Impact of Structured Internship Programs on Student Performance in Construction Management Programs”, presentation to Associated Schools of Construction (ASC) National Conference, April, 2000. West Lafayette, Indiana. With D. F. Rondinelli.

“Designing Engineering Contents for a Construction Management Program”, presentation to Associated Schools of Construction (ASC) National Conference, April, 2000. West Lafayette, Indiana. With B. A. Senior.

“Toward a Taxonomy of Learning Outcomes for Construction Management Education”, presentation to Associated Schools of Construction (ASC) National Conference, April 17, 1998. Portland, Maine.

“Using Action Research as a Viable Alternative for Graduate Theses and Dissertations in Construction Management”, presentation to Associated Schools of Construction (ASC) National Conference, April 17, 1998. Portland, Maine. (Also presented - ASC Regional Conference, Kansas City, Missouri, February 13, 1998.)

“Upgrading Traditional University Curricula Using Technology Management as a Core Discipline”, presentation to 7th Conference of the International Association for the Management of Technology, February 18, 1998. Orlando, Florida.

“Construction Management Curriculum Reform and Integration with a Broader Discipline: A Case Study”, presentation to Associated Schools of Construction (ASC) National Conference, April 3, 1997. University of Washington, Seattle, Washington. (Also presented at ASC Regional Conference, Nebraska City, Nebraska, February 21, 1997.)

“Desirable Characteristics of the Professional Constructor: the Results of the Constructor Certification Skills and Knowledge Survey”, presentation to Associated Schools of Construction (ASC) National Conference, April 19, 1996. Texas A&M University, College Station, Texas. (Also presented at ASC Regional Conference, Nebraska City, Nebraska, February 23, 1996.)

“Application of the Americans with Disabilities Act to Indoor Air Quality Issues: Does It Meet the Criteria?”, presentation to Indoor Environment '95 Conference and Exhibition. May 3, 1995. Baltimore, Maryland

“Historic Preservation - New Opportunities in Graduate Education”, presentation to Associated Schools of Construction (ASC) National Conference, April 8, 1995. Arizona State University, Tempe, Arizona. With G. S. Griffin. (Also presented at ASC Regional Conference, Nebraska City, Nebraska, February 24, 1995.)

Other Presentations

“Teaching Expedition Use in Undergraduate Curricula”, presentation to the Australian Primavera Users' Group, Sydney, Australia in February, 2001.

“Project Engineering Training”, 16 Hour Seminar presented to Western Summit Constructors, Denver, Colorado in July, 2000 and January, 2002.

“Construction Scheduling Procedures for Field Managers”, three 16 Hour Seminars presented to M. W. Golden Constructors, Shaw Construction, and Rhoads Construction in 1999 and 2000.

“Project Management Training”, 30 hour Seminar for Antarctic Support Associates, Denver, Colorado presented twice in August and September, 1998.

“An Update on the Skills and Knowledge Committee's Performance Criteria Validation Project”, presentation to the Subject Matter Experts' Meeting of the Constructor Certification Commission, September 29, 1995. St. Petersburg, Florida.

“Change Control.” 12 Hour Workshop in Construction Project Management Training for E.G. & G. Idaho/Rocky Flats presented three times in September, 1995. Rocky Flats Environmental Technology Site, Colorado.

“Measurements and Earned Value Analysis.” 12 Hour Workshop in Construction Project Management Training for E.G. & G. Idaho/Rocky Flats presented three times in August, 1995. Rocky Flats Environmental Technology Site, Colorado.

“Construction Project Administration”, Reunion Seminar, seminar coordinator and presentation to the Continental Association of CPA Firms, June 8, 9, 10, 1995. Fort Collins, Colorado.

“Associated Builders and Contractors' Industry Ethics Workshop”, presentation to the Rocky Mountain Chapter of ABC, June 1, 1995. Denver, Colorado.

"Trends in Construction Education", presentation to the Colorado State Convention of the Associated Builders and Contractors, October 1, 1994. Winter Park, Colorado.

"Implementation of the Strategic Planning Process by Small to Mid-Sized General Contractors", invited presentation at Colorado State University, February 8, 1993. Fort Collins, Colorado.

"Implementation of the Strategic Planning Process by Small to Mid-Sized General Contractors", invited presentation at University of Florida, February 15, 1993. Gainesville, Florida.

Grants Funded

"CEA Student University Resource Fund" (2014-2019). Funded by the Construction Employers' Association, ~\$32,000 per year, PI.

"International Faculty Development Fund" (2014-2019). Funded by Fluor Corporation, ~\$4,500 per year, PI.

"CEA Student University Resource Fund" (2013). Funded by the Construction Employers' Association, \$34,000, PI.

"Program Support Grant under the Construction Management Education Sponsorship Act" (2013-2019). Funded by the California Contractors State License Board, ~\$32,000 per year when funding is available, PI.

"Continuation and Expansion of the CEA Student University Resource Fund" (2012). Funded by the Construction Employers' Association, \$35,000, PI.

"Program Support Grant under the Construction Management Education Sponsorship Act" (2012). Funded by the California Contractors State License Board, \$36,231, PI.

"CEA Student University Resource Fund Including Professional Academies" (2011). Funded by the Construction Employers' Association, \$40,000, PI.

"Program Support Grant under the Construction Management Education Sponsorship Act" (2011). Funded by the California Contractors State License Board, \$20,313, PI.

"CEA Student University Resource Fund (CEA-SURF)" (2010). Funded by the Construction Employers' Association, \$35,000, PI.

“Program Support Grant under the Construction Management Education Sponsorship Act” (2010). Funded by the California Contractors State License Board, \$37,119, PI.

“Capital Campaign in Support of the Cal Poly Construction Innovations Center and the Simpson Strong-Tie Materials Demonstration Lab” (2002-2009). Funded by various corporate, individual, and alumni supporters, \$6,000,000 in gifts.

“Continued Support for the CEA Student University Resource Fund (CEA-SURF)” (2009). Funded by the Construction Employers’ Association, \$35,000, PI.

“Program Support Grant under the Construction Management Education Sponsorship Act” (2009). Funded by the California Contractors State License Board, \$44,279, PI.

“Continuation and Expansion of the CEA Student University Resource Fund (CEA-SURF)” (2008). Funded by the Construction Employers’ Association, \$30,000, PI.

“Expansion of the CEA Student University Resource Fund (CEA-SURF) and the CEA/Cal Poly Co-operative Education Partnership” (2007). Funded by the Construction Employers’ Association, \$35,000, PI.

“Establishment of the CEA Student University Resource Fund (CEA-SURF)” (2006). Donald L. Warmby Leadership Award. Funded by the Construction Employers’ Association, \$35,000, PI.

“Allen and Nancy Minton Annual Scholarship for Construction Management Students” (2006-2017). Annually funded by the Mintons, \$16,500-\$25,000, PI.

“Program Support Grant under the Construction Management Education Sponsorship Act” (2006). Funded by the California Contractors State License Board, \$48,708, PI.

“Continued Development of CEA/Cal Poly Co-operative Education Partnership (CEP)” (2005). Donald L. Warmby Leadership Award. Funded by the Construction Employers’ Association, \$35,000, PI.

“Educator and Practitioner Training and Development in Design-Build Project Delivery Alternatives” (2005). Funded by the Charles Pankow Foundation, \$100,000, Co-PI.

“Expansion of CEA/Cal Poly Co-operative Education Partnership (CEP)” (2004). Funded by the Construction Employers’ Association, \$25,000, PI.

"Program Support Grant under the Construction Management Education Sponsorship Act" (2004). Funded by the California Contractors State License Board, \$48,000, PI.

"CEA/Cal Poly Co-operative Education Partnership (CEP)" (2003). Donald L. Warmby Leadership Award, Funded by the Construction Employers' Association, \$30,000, PI.

"Faculty Development Program Grant" (2002). Funded by the Construction Employers' Association, \$17,500, PI.

"Accountants' Construction Boot Camp" (2001). Funded by the Accountants Global Network, \$15,000, Co-PI.

"Technology Teacher Instruction in Medical Technologies" (2001). Funded by National Science Foundation – Education & Human Resources, \$135,000, Co-PI.

"Comparison of US and Australian Project Delivery Methods" (2001). Scholarship Advancement Award Grant, Colorado State University, \$500, PI.

"Project Engineer Training" (2000). Funded by Western Summit Constructors, \$7,669, PI.

"Student Support for Associated Schools of Construction Regional Project Management Competition" (February 1998). Funded by several local contractors and trade associations, \$8,500, Team Coach.

"Student Support for Associated Schools of Construction Regional Project Management Competition" (February 1998). Funded by several local contractors and trade associations, \$9,000, Team Coach.

"Student Support for Associated Schools of Construction Regional Project Management Competition" (February 1997). Funded by several local contractors and trade associations, \$3,200, Team Coach.

"Joseph F. Phelps Internship Placement Program for Construction Management - Request and Recognition" (July 1996). Submitted to and funded by Phelps after visit to Joseph Phelps Vineyards with Dr. James Young, former Program Coordinator, and Mari Murphy, College of Applied Human Sciences Director of Development, \$500,000.

"The Development of Computer-Imaged Multimedia Lecture Presentations" (April 1996), Submitted to and approved by the Office of Instructional Services ("Investing in Instruction" Grant Program), Colorado State University. \$1,000, PI.

"Student Support for Associated Schools of Construction Regional Project Management Competition" (February 1996). Funded by several local contractors and trade associations, \$3,800, Team Coach.

"Analysis of a National Career Placement Survey for Construction Management Graduates" (October 1995), Submitted to and approved by the College of Applied Human Sciences, Colorado State University, \$500, PI.

"Reunion Seminar for the Continental Association of CPA Firms" (May 1995), Submitted to and funded by the Continental Association of CPA Firms, Inc., Denver, Colorado, \$9,030, Co-PI.

"Student Support for Associated Schools of Construction Regional Project Management Competition" (February 1995). Funded by several local contractors and trade associations, \$2,800, Team Coach.

"A Validation Study of the National Constructor Certification Examinations" (November 1994), Submitted to and funded by the Graduate School, Colorado State University, \$4,500, PI.

"Outcomes Assessment of Construction Management Alumni using the 'Constructor Skills and Knowledge Survey'" (October 1994), Submitted to and funded by the College of Applied Human Sciences, Colorado State University, \$500, PI.

"Restoration of Old Fort Collins Power Plant" (June 1994), Submitted to and funded by Colorado Historical Society and City of Fort Collins, \$100,000, Co-PI.

"Construction Project Management Training Program" (May 1994), Submitted to and funded by E. G. & G. Idaho, Inc., Boulder, Colorado, \$107,000, Co-PI.

"Facility and Site Evaluation Services to Poudre R-1 School District (Barton Elementary School)" (May 1994), Submitted to and funded by Poudre R-1 School District, Fort Collins, Colorado, \$10,000, Co-PI.

Grants Submitted but not funded

"Smart Growth Regional Partnerships: A Framework for Comprehensive Planning" (September, 1998), Submitted to the Colorado State Governor's Office, \$39,326, Co-PI.

"Pilot Testing of the National Professional Constructor Certification Examinations" (November 1995), Submitted to the Graduate School, Colorado State University, \$4,500. Request for matching funding submitted to the Constructor Certification Commission, \$6,582, PI.

"Colorado Applied Preservation Initiative for Training And Leadership (CAPITAL)" (August, 1995), Submitted to Colorado Historical Society, State Historical Fund, \$72,796, Co-PI.

"Proposal to Teach Associated Builders and Contractors Construction Management Academies at Colorado State University" (November, 1994), Submitted to Rocky Mountain Chapter of ABC, \$25,300, PI.

"Seminar on Marketing Your Construction Business" (April 1995), Submitted to Rocky Mountain Chapter of ABC, \$2,432, PI.

"Seminar on Strategic Planning for Small to Mid-Sized Contractors" (December 1994), Submitted to Rocky Mountain Chapter of ABC, \$2,875, PI.

"Removing Barriers - A Resource Link: National Dissemination of Informational Materials to Promote Compliance with the Americans with Disabilities Act (ADA)" (July 1994), Submitted to the Civil Rights Division, U.S. Department of Justice, \$198,858, Co-PI.

"Cooperative Design/Build Education - Construction Management and Civil Engineering" (June 1994), Submitted to the National Science Foundation, \$145,680, Co-PI.

Service/Outreach Activities

University:

- Chaired Search Committee for Assistant Dean for Financial and Data Assessment, College of Architecture and Environmental Design, Fall of 2014.
- Chaired Search Committee for Financial and Data Manager, College of Architecture and Environmental Design, Spring of 2014.
- Chaired External Review Committee for Construction Management Degree Program at Fresno State, Fall of 2011.
- Search Committee member for Vice President of University Advancement, 2010-2011.
- Faculty Representative on the Cal Poly Foundation Board, 2010 to 2014.
- Search Committee member for Vice President of University Advancement, Spring of 2006.

- Search Committee member for the Assistant Dean of Advancement, College of Architecture and Environmental Design, Summer of 2006.
- Chair of Interdisciplinary Building Technology Committee charged with developing the performance specifications for the new Simpson Strong-tie Materials Demonstration Laboratory, College of Architecture and Environmental Design, 2006 to 2009.
- Selected to represent College of Applied Human Sciences as Faculty in Residence – University of Canberra, Australia for Spring semester, 2001.
- One of the faculty advisors to the Construction Management Club at CSU
 - Student Chapter of the Associated General Contractors
 - Student Chapter of the Associated Builders and Contractors
 - Student Chapter of the National Association of Home Builders
 - Student Chapter of Sigma Lambda Chi
 - Student Chapter of the American Institute of Constructors
- Coach of Student Project Management Competition Teams at Associated Schools of Construction Regional Meetings - 1994, 1995, 1996, 1997, 1998, 1999, 2013.
 - First Place Winners in 1996
 - Third Place Winners in 1997
- Director of Construction Management Applied Research Center (CMARC) at CSU
- Sponsor of University and regional visit by Dr. Michael Romans, FCIQB, international president of The Chartered Institute of Building - 1996
- Faculty advisor to the Student Constructors Association at UMES
 - Student Chapter of the Associated General Contractors
 - Student chapter of the Associated Builders and Contractors
- Member of the Construction Management/Technology Program Advisory Committee, University of Maryland Eastern Shore
 - Faculty representative while teaching at UMES
 - Industry representative after leaving University
 - Elected Vice Chairman of Committee - 1991
- Member of President's Advisory Council, University of Maryland Eastern Shore - 1992 to 1993

- Chairman and member of numerous departmental and campus-wide committees:
 - Department Curriculum Committee (Chair, CSU)
 - charged with the total review and revision of the departmental undergraduate curriculum
 - Departmental Program Review Committee (Chair, CSU)
 - charged with review of all departmental activities for eight year period, establishment of future goals and directions, and preparation of final committee report.
 - Faculty Council Committee on Instructional Development (CSU)
 - College Representative
 - College Curriculum Committee (CSU)
 - Department Representative
 - Departmental Research Council (CSU)
 - Business College Affiliation Committee (CSU)
 - Alternate Representative to College Advisory Council (CSU)
 - Departmental Search Committees (UMES and CSU)
 - Curriculum Development Committee (UMES)
 - Campus-wide Search Committees (UMES)

Discipline:

- American Institute of Constructors
 - Former Elected Member of Board of Directors
 - Former Member of Executive Committee
 - Former Chairman of National Membership Committee
 - Participant in development of National Professional Certification Examinations ("Subject Matter Expert")
- Associated Schools of Construction
 - Former Member of National Board of Directors
 - Former Director of Northeast Region
 - Former Member of Research Committee
- American Council for Construction Education
 - Elected Chair of Board of Trustees, 2013-2015
 - Elected Vice President (now Vice Chair following By-Laws change), 2013 to 2015
 - Elected National Secretary, 2009 to 2013
 - Member of Board of Trustees, 2004 to 2019
 - Member of Executive Committee
 - Chair of Nominations and Leadership Development Committee
 - Former Chair of Strategic Planning Committee
 - Former Member of Standards Committee
 - Former Member of Assessment Task Force

- Associated Builders and Contractors
 - Education Committee, Rocky Mountain Chapter
- Reviewer for The American Professional Constructor
- Reviewer for the International Journal of Construction Education and Research
- Reviewer for the Associated Schools of Construction Conference Proceedings
- Member of the Editorial Board of Advisors for the Construction Company Strategist
- Member of the Editorial Board for the International Journal of Business Performance Management
- Former Contract Consultant for FMI Corporation (National Management Consultants to the Construction Industry)
- Consultant to local construction firms
- Expert Witness for national and local Attorneys

Community:

- Appointed Member of the Fort Collins Building Review Board – 1998 to 2002
- Work with Boy Scout Troop 97, Fort Collins, Colorado – 1995 to 2002
- Advisor to the plan review committee for the reconstruction of Forest Knolls Elementary School, Silver Spring, Maryland – 1992-1993

Professional Development Activities

American Council for Construction Education - 1992, 1993, 1994, 1996, 1999, 2000, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019

American Institute of Constructors - 1984, 1985, 1986, 1987, 1989, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2004, 2014

American Institute of Constructors (Local chapters) - 1987 to 2002

Associated Builders and Contractors - 1982 and 1983

Associated General Contractors - 1981, 1983, 1985, 1987, 1993, 2005, 2007, 2009, 2015

Associated Schools of Construction - 1983, 1984, 1985, 1986, 1987, 1992, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2002, 2003, 2004, 2005, 2007, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019

Construction Contract Delay Claims - Washington, D.C., 1987

Construction Management Association of America – San Francisco, 2014
Construction Scheduling and the Law - Washington, D.C., 1988
Collaborative Process Institute Conference - San Francisco, 1997
Engineering Project Management Seminar - Washington, D.C., 1985
Microcomputers in Construction Estimating Seminar - Cleveland, 1985
National Project Management Conference (Engineering News
Record) - Dallas, TX, 1991
Offensive Marketing (Fails Management Institute) - Washington, D.C., 1991
Primavera Project Management Training Courses - Philadelphia, 1988
Primavera Users' Conference - Philadelphia, 1991
Primavera Users' Conference – Sydney, Australia, 2001
Strategic Management (Fails Management Institute) - Washington, D.C., 1988
Top Management Teams (Fails Management Institute) - Cape Cod,
Massachusetts, 1988
Washington Building Congress - 1988 to 1993

Honors/Awards

The Paul Weber Award, presented by CM students “for devotion to student education,” Cal Poly State University San Luis Obispo, 2014.

Provost's Leadership Award for Partnership in Philanthropy, Cal Poly State University San Luis Obispo, 2006.

Bautzer Faculty designation for Cal Poly State University at the California State University Advancement Academy, 2003.

W. A. Klinger Construction Education Award - national award for “outstanding dedication and service to construction education”, American Institute of Constructors Forum, 1995.

Nominated by students for the 1995 John Trimmer Award for Excellence for Construction Faculty sponsored nationally by the Construction Education Foundation of the Associated Builders and Contractors.

Nominated for the Outstanding Teaching Award for the College of Applied Human Sciences, 1995, 1996, 1997, and 2000.

Nominated for the Outstanding Advising Award for the College, 1996.

Departmental Outstanding Faculty Member Award, 1985.

Graduated with Honors in Psychology, 1973.

Relevant Projects

In six years as a Senior Project Manager in Washington, D.C., responsible for completion of over 100 commercial office projects with a total contract value of approximately \$25 million. Also provided scheduling and estimating support for numerous other projects. Work included projects for major developers in the Washington commercial district including Jones Lang Wootton, The John Akridge Company, Donohoe Properties, and others. A list of sample projects managed follows:

Law Firms

Jenner and Block - 55,000 SF of work completed in four months with a \$3 million contract value.

Kleinfeld, Kaplan, and Becker

Government Affairs Offices

3M Corporation - 30,000 SF with a \$1.5 million contract.

American Financial Services

Manville Trust

Bechtel Group, Inc.

Fluor Daniel, Inc.

Association Offices

American Textile Manufacturers Institute (ATMI)-\$.75 million contract value.

American Society of Civil Engineers (ASCE)

National Abortion Rights Action League (NARAL)

Adhesives Council

Government Offices

Consumer Product Safety Commission - \$4 million (cost estimate, scheduling, and negotiations only)

Government Accounting Office (GAO)

Architectural/Engineering Offices

Architectural Interiors - \$.6 million contract value.

Stone Webster Engineers

Kaempfer Development Co., Inc.

Building Renovations

National Guard Association - \$.5 million completion of building after bankruptcy of original builder.

Watergate Building

Baltimore Gas and Electric Nuclear Power Plant

Vita updated as of: May 2, 2022