

## RICK W. CHERF

### University Office:

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### Consulting Business:

Total Construction Services, Inc.  
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## VITA-Detailed Experience and Background

### TEACHING EXPERIENCE

**Faculty Instructor, Engineering and Technology Management**, Online Master's Degree Program for Engineering and Business Professionals, Construction Management Specialization College of Engineering and Architecture, Washington State University, June 2013 to Present

EM 524- Program and Facilities Management  
EM 535- Project Controls in the Construction Process

**Program Coordinator/Curriculum Developer, Construction Management Specialization Engineering and Technology Management**, Online Master's Degree Program for Engineering and Business Professionals, College of Engineering and Architecture, Washington State University, January 2013 to Present

**Visiting Professor, A. Don Poe Industry Faculty Position**, School of Design and Construction Management, College of Engineering and Architecture, Washington State University, Pullman, Washington. *August 2003 to Present*

CSTM 102- Introduction to the Built Environment  
CSTM 232- Materials/Methods/Sequencing  
CSTM 252- Project Management/Contract Administration  
CSTM 357- Earthwork/Construction Equipment  
CSTM 462- Planning and Scheduling  
ARCH 495- Integrated Project Delivery  
CSTM 475- Senior Capstone  
CSTM 496- Risk Management- Safety, Health & Environmental

**Visiting Professor**, Interdisciplinary Design Institute-Construction Management, Washington State University, Spokane, Washington *August 2003 to April 2006*

CSTM 457- Advanced Construction Materials and Methods  
CSTM 460- Construction Cost Accounting

### CONSULTING

*Total Construction Services, Inc., Pullman, Washington*- The Company provides owners, developers, designers and contractors strategic, program, pre-construction, project, technical, expert witness, claims resolution and construction management services to the industrial, commercial, residential and public work sectors of the construction industry.

**Training Instructor** for the Superintendent Carpenter's Career Training and Mentor Program four times per year at the International Carpenters and Joiners of America Training Center, Las Vegas, Nevada. *Spring 2006 to present*

**Safety Training Awareness and Accident Prevention** for the Community Action Partnership, providing twenty-three employees OSHA 10/30 hour certification including

safety awareness and accident prevention training. Lewiston, Idaho. Fall 2012

**Pre-Construction Services** for the Nez Perce Education, Training, and Business Development Center, USDA Rural Development Business and Training Center Feasibility Study. Perform a comprehensive feasibility study that will provide the Nez Perce Tribe with the data necessary to make an informed decision on the feasibility of construction an education, training and business incubator facility.

**Trainer/Facilitator** providing ten successive sessions of a Leadership Action Workshop identifying manager's leadership styles during a role playing session involving a complex project under dispute for a large specialty contractor during the summer 2009. Tigard, Oregon

**Research Consultant** providing an Organizational 360 Review for a large specialty contractor. Interviewed 46 employees, provided a comprehensive report of the findings and developed an action plan for implementation regarding internal perceptions of key employees. The organizational analysis included corporate and regional offices for personnel in Seattle, Washington, Spokane, Washington and Tigard, Oregon. *November 2008 to August 2009*

**Research Consultant** providing a Client Perception Study for a large specialty contractor. Interviewed 26 general contractor project supervisors selected by a specialty contractor, provided a comprehensive report of the findings and developed an action plan for implementation regarding external client perceptions of the organization. The Client Perception Study included general contractors in the commercial construction industry throughout the Western United States. August 2009 to December 2009

**Strategic Management Consultant** providing SWOT analysis, strategic planning and development for a large specialty contractor including organizational analysis of the corporate and regional offices, development of a strategic plan, succession and leadership planning and facilitation of strategic retreats. Seattle, Washington and Tigard, Oregon *November 2008 to January 2010*

**Consultant/Expert Witness** working with general contractor and attorney regarding a subcontractor employee injury and Stute decision negligence claim. Washington State, October/February 2010

**Consultant/Expert Witness** working with general contractor and attorney regarding design, installation and quality issues for a custom residence. Washington State, October/February 2007-2008

**Consultant/Expert Witness** working with general contractor and owner to complete outstanding design issues and disputes for six multi-family projects for final close out and turnover. Washington State, August-September 2006

**Mediator** for a general contractor and developer regarding potential claims on two existing multi-family construction contracts, mediation allowed both parties to agree to a settlement and divert arbitration, Washington State. *June 2006*

**Consultant** working with MSI-Management Systems International to provide a critical path schedule for an Administrative Building in the Shinwari Ghorband District, Parwan Province, Afghanistan, used as a model for nine similar Judicial Administrative Facilities throughout Afghanistan, Kabul Afghanistan. *March 2006*

**Training Instructor-** Provided an eight day *Construction Management Kabul Workshop- Planning & Scheduling Projects*, Kabul, Afghanistan- This course provided concepts

required to plan and schedule construction projects including project management principles and training of software for the Afghan Governance and Legal Reform Project through USAID. *March 2006*

**Expert Witness** regarding proper bid submission on a public works project including investigation, determination and report on proper bid award and contract procedures for a public works project, Lewiston, Idaho. - *Summer 2005*

**Contract Review, Design, Field Coordination/Expert Witness-** Provided consulting to a Multi-Family Developer regarding specific technical design and installation issues, Washington State. -*Fall 2005*

**Business/Marketing Plan for Start-Up Corporation,** - Developed a full business plan and strategic market analysis to insurance organizations and banking for a new corporation providing management services, Mount Vernon, Washington. - *September 2002-January 2003*

**Managing the Project: The Supervisor's Role,** Associated General Contractors (AGC) Project Management Techniques for Supervisors, Spokane, Washington -*fall 2003*

**Estimating Proposal Preparation- Pipeline and Aircraft Fueling** -Developed and prepared the proposal for a design-build contract to provide a twenty-mile underground pipeline system, San Joaquin Valley, California. *January to April 2002*

**Project Management/Cost Analysis for the Pier 53 Development,** -Performed a feasibility analysis through a schematic design study and facility investigation for a design-build marine warehouse to commercial use waterfront development, San Francisco, California. *January to June 2001*

**Pre-Construction Services for the Fashion Show Mall Central Plant,** -Performed pre-construction services for a design-build-owner operate system to manage the installation of chillers and associated piping for the Fashion Mall, Las Vegas Strip, Las Vegas, Nevada. *August to November 2001*

**Program Developer for a USA Terminal Expansion Program,** - Selected by the Owner to coordinate Alliance design professionals and contractors for a ten-terminal turn-key design-build program to meet new EPA guidelines, Western United States. *July 2000 to February 2001*

**Business Plan for Start-Up Business,** - Worked with Owner to develop a new strategic business plan for a maintenance and professional diving company, Tacoma, Washington. *February-July 1996*

## OTHER CONSULTING EXPERIENCE

**Merger and Acquisition Team-** Worked with executive management team to provide strategic analysis of three companies for acquisition to parent company.

**Program Management for the Reid Vapor Pressure \$350M Expansion,** -Selected to a four-member program team for oversight of systems, safety, contract strategies and budgets for the plant wide expansion, Ferndale, Washington. *July-December 1994*

**Pre-Construction Services for the Bill Gates "Cyber-Residence"**- Selected in short list competition to perform estimating services for pre-construction, Mercer Island, Washington. *April 1990*

**Expert Witness for Stuart's Restaurant,** - Requested to analyze the failure of the exterior steel siding of the building from abnormal oxidation for an extensive renovation of the

penthouse residence, Shilshoe Bay, Washington. *January 1990*

**Quality Control for Queen's Medical Atrium Courtyard System**, -Project lead with Weis, Janey & Elsner and Tremco to provide design criteria and quality control for waterproofing system over hospital OR, Honolulu, Hawaii. February to November 1985

**Cost Analysis at the Mauna Lani Hotel**, - Assigned to analyze a structural concrete installation for excessive cost overruns, Big Island, Hawaii. *May 1984*

**Pre-Construction Services for the Gateway Plaza**, - Provided permitting coordination and public relations for pre-construction services on a design-build two-block development including a 25-story office complex in Honolulu, Hawaii *January to March 1984*

**Public Relations for Dole Fitness Centers**, -Public Relations and roll out of an island wide fitness initiative from Dole Corporation consisting of four facilities, Oahu, Hawaii. *May to July 1984*

**Close Out Coordination for the Royal Sea Cliff/Kaanapali Ali**, - Requested to intervene on project turn-over for client when quality and completion issues delayed the completion date, Island of Maui, Hawaii. *August to September 1984*

## CONSTRUCTION INDUSTRY EXPERIENCE

*Total Construction Services, Inc., Mount Vernon, Washington  
January 2001-May 2002; August 2003 to 2005*

**Principal-** The Company provides program, pre-construction, management and construction services for clients.

**Residential Property Development**, Pullman, Washington- A twenty-four acre site to a four lot development, requiring construction management, permit and zoning coordination for the project. August-December 2005

**Boiler Replacement**, Friday Harbor, Washington- A construction management contract for a design-build boiler system for the Island County Parks and Recreation Swimming Pool. *June to September 2002*

**Custom Residential Home and Remodel**, Mount Vernon and Snohomish, Washington- Design and construction of a new family residence and extensive remodel for two clients. *January to September 2001*

*T.I.C., the Industrial Company, Steamboat Springs, Colorado May 2002-August 2003*

**Area Manager-** Developed and implemented a business plan for a new area office providing industrial general construction services including work in the Shell facility.

**Construction Manager-** Responsible for EPA System Upgrade for 22 staff and 800 craft employees in the Shell Refinery, Anacortes, Washington

*Matrix Service; MTRX (NASDAQ) -Tulsa, Oklahoma July 1991-January 2001*

**Executive Vice-President-** The Company provides industrial services for maintenance, turnaround, grassroots and retrofit construction, above grade storage tanks and plant relocation. Assigned to the strategic team for a corporate acquisition and restructuring. Responsibility included two business units, four regional offices and a four-million dollar operating budget.

**Construction Services Division, United States of America-**Clients included *Plains Resources, Holly Sugar, Royal Dutch Shell, Equilon, Sun Oil, ARCO, Texaco, British Petroleum, Chevron USA, Koch Industries, Tesoro, Bechtel Corporation, BE&K, AT&T,*

*U.S. West Communications, Union Pacific Railroad, and Southwest Airlines.*

**International Industrial Services Division- South America-** Clients included PetraVen, Bolivias, Dominican Republic Oil, Sunco and PetroMex

**Presentation Team Leader/Program Manager-** Three Company Alliance Service Agreements, Western United States of America- Company selected for all three proposals. *Project Delivery System- Alliance Agreement on Capabilities/Time and Materials; Total contract value over ten years- \$200,000,000.*

**Transition Team Leader-** ARCO, Cherry Point, Washington- Implemented initiatives and set up management team. *Project Delivery System- Negotiated Short List Alliance Agreement/ Time and Materials; Contract value- \$100,000,000.*

Texaco Refinery, Anacortes, Washington- Coordinated the team for the total plant transition of maintenance, construction and turnaround services for five years. *Project Delivery- Time and Materials; Contract value- \$35,000,000.*

**Senior Program Manager-** Chevron USA, Pasco Washington and Hilo, Hawaii- New loading system for existing 24-hour facilities, including concrete, piping, building and a skid fabrication. *Project Delivery System- Lump Sum; Contract value-\$9,000,000.*

**Senior Project Manager-** ASiMI, Moses Lake, Washington- Upgrade of a high-purity polycrystalline silicon manufacturing, research and development facility. The fast-track project consisted of structural concrete, equipment setting, piping, orbital welding, clean room construction, electrical and instrumentation on five different buildings. *Project Delivery- CM/GC Cost plus GM; Contract value-\$42,000,000.*

**Senior Project Manager-** New ISOM Feed Unit, Shell Refinery, Anacortes, Washington- A new unit for the refinery; including structural, concrete, piping, equipment setting including two 300,000 pound towers and commissioning. *Project Delivery System- Lump Sum Bid; Project value- \$52,000,000.*

**Quality Control Manager-** Total Refinery, Alma, Michigan- An emergency revamp for the FCCU. *Project Delivery-Time and Materials; Project value- \$3,500,000.*

**Site Manager-** ARCO Oil Refinery, Los Angeles, California- Maintenance, construction and turnaround functions under the refinery capital plan. *Project Delivery- Alliance Contract/Multiple Contract Types; Annual value-\$6,000,000*

**Project Controls Manager-** Developed and implemented a new cost control system for their upgrade program. Ultramar Oil Refinery Turnaround (2), Long Beach, CA; ARCO #41 Boiler Low NOX Burner; Expansion Joint/Water Seal; Crude/Coker/ Light Ends; ARCO FCCU ALKY; #4 Steam Plant Turnaround, Los Angeles, California. *Project Delivery System- Select Bid/Time and Materials; Total value-\$20,000,000.*

**Project Controls Supervisor-** ARCO Cherry Point RVP Project, Blaine, Washington- A four-unit expansion to the refinery including civil, structural, concrete, piping, equipment, including two 330,000 pound towers and commissioning. *Project Delivery- Fast Track/Time and Material; Project value- \$155,000,000*

*Strand Company, Kirkland, Washington March 1990- July 1991*

**Senior Project Manager/Project Team Leader-** Cape Fox Lodge, Ketchikan, Alaska- A hotel/convention center with a funicular tramway overlooking the city. A fast track project with an extensive rock anchor system, heavy timber and modular construction. *Project Delivery System-Design-Build; Project value- \$18,000,000.*

Lake Washington Vo-Tech, Kirkland, Washington- Site preparation, ramp and module relocation. *Project Delivery System-GC-Lump Sum Bid; Project value- \$375,000.*

Century Elementary School, Edmonds Washington- A new 135,000 SF brick veneer School  
*Project Delivery System- Lump Sum Bid; Project value-\$3,500,000.*

*Westwood Company, Developers and Contractors, Portland, Oregon  
March 1989-March 1990*

**Project Manager/Estimator-** Carlton Block Development, Kirkland, Washington- From concept to turnover including a car dealership consisting of tilt-up concrete construction and major road revisions to surrounding area. *Project Delivery System- Design-Build; Project value- \$3,500,000.*

Ben Franklin Bank Remodel, Puyallup, Washington- Interior remodel and drive-up banking  
*Project Delivery- GC/Negotiated Lump Sum; Project value- \$225,000.*

Parkway Shopping Center, Kent, Washington- New shopping center including road revisions, storm retention and a structural steel/wood framed structure of 25,000 SF of commercial space. *Project Delivery- Lump Sum Bid; Project value- \$2,000,000.*

Red Dot Manufacturing, Kent, Washington- Structural and seismic upgrades to an existing facility for a truck refrigeration manufacturing facility. *Project Delivery- Design-Build/LS  
Project value- \$465,000.*

Shurguard Office and Storage Complex, Renton, Washington- Wood framed office complex with a modular storage system including property development. *Project Delivery System- LS/Negotiated Project value- \$2,800,000.*

*Enserch Alaska Construction - Anchorage, Alaska  
November 1985- March 1989*

**Operations/Group Manager-** Involved with the transition team during the buy-out of AIC to Enserch, assigned responsibility for three project managers/estimators and five superintendents for projects ranging from one to fifteen million dollars including:

Soldotna City Hall- *Project Delivery-Design-Bid-Build-Lump Sum*

Homer Electric Operations Facility- *Project Delivery-Design-Bid-Build*

Kenai Elementary School- *Project Delivery-Design/Bid-Build-Lump Sum*

Nikiski Elementary School- *Project Delivery-Design-Bid-Build-Lump Sum*

Fort Wainright Military Dining Facility- *Project Delivery-Design-Bid-Build*

Fort Wainright (5) Barracks Remodel- *Project Delivery-Design-Bid-Build*

Anatuvik Village Facilities- *Project Delivery- Design/Build/Cost plus Fee*

Bradley Hydroelectric Dam Facilities- *Project Delivery- Design-build*

Dead Horse/Kuparuk Support Facilities- *Project Delivery-Design-build*

**North Slope Corporate Liaison-** Assigned responsibility for all VIP personnel visiting the North Slope Oil and Gas Production Facility regarding logistic support, orientation and coordination for all dignitaries.

**Project Control Manager-** Assigned to the largest offshore arctic oil production facility in the world. Work consisted of mining, excavation, hauling and setting of over ten million cubic yards of gravel, two million square feet of concrete slope protection and support facilities for the Endicott, North Star and Seal Island oil exploration and production in the Arctic Ocean.  
*Project Delivery- T&M Value- \$156,000,000*

*Dillingham Pacific Corporation/Hawaiian Dredging and Construction- Hawaiian Islands July 1981-November 1985*

**Senior Project Engineer** – A total renovation of the existing Queens Medical Center campus including the central underground utility corridor, ICU, ER, OR and In-Patient Services while the hospital and center was fully operational. *Project Delivery- A fast track CM/GC/Cost plus Fee; Project value- \$85,000,000.*

**Electrical/Mechanical Coordinator-** Ten new floors to the hospital at Queens Medical in Honolulu, Hawaii *Project Delivery- CM/GC; Project value- \$78,000,000.*

**Project Engineer** for all field coordination for the new 450 room Halekulani Hotel, Waikiki Beach. Project consisted of five buildings utilizing post tension concrete including the renovation and preservation of the “House without a Key” restaurant and sea wall. *Project Delivery- CM/GC/Cost plus Fee; Project value- \$126,000,000.*

**Cost Engineer** on a pre-cast concrete twenty-story office for the Ala Moana Pacific Center. Developed and implemented the Corporation’s first computerized cost forecasting system. *Project Delivery-Design-Build; Project value- \$56,000,000.*

*Currier Custom Homes, GCR Homes, Red Hawk Construction, Western United States, 1975, 1976, 1979, 1988, 1999, 2004, 2006, 2010*

**Residential Home Builder-** Design and construction of eighteen custom homes

*Del Guzzi Construction- Port Angeles, Washington 1979-81*

**Field Engineer/Superintendent-** Residential/multi-family developments, heavy/civil and underground utility projects throughout Washington State.

*RJJ Construction Company, Washington State 1976-1980*

**Owner/Partner-** Underground, utility, earthwork contractor

*Wheat, alfalfa farmer on 220 acres of land in Columbia Basin Project 1974-1979*

## ACADEMIC DEGREES

**Masters of Science in Engineering Management**, Washington State University, Pullman, Washington, Fall 2011

**Bachelor of Science in Construction Management/Construction Technology**, University of Washington, Seattle, Washington- June 1981

**Bachelor of Arts in Business Management/Labor Relations**, University of Washington, Seattle, Washington- May 1981

## CERTIFICATION

**BIM-AGC Certification Units 1-4, awaiting final exam** Fall 2013

**OSHA 500 Trainer- OSHA 10 hour and 30 hour Trainer Certification 2011**

**Certificate in Project Management**, Graduate School of Engineering Management, Washington State University, Pullman, Washington, 2008

**Certificate in Construction Project Management**, Graduate School of Engineering Management, Washington State University, Pullman, Washington, 2008

OSHA 30 Hour Education Safety Training- Level I (SST-1)-July 2003

OSHA 10 Hour Education Safety Training- Level II (SST II)-May 2003

START- Supervisors Training in Accident Reduction Techniques- May 2001

Certification for General Contractor License, Competent Person, State of Hawaii, 1986

Single Engine Pilot Certification, 1981-1990

## HONORS AND AWARDS

**Outstanding Teaching Award**, School of Architecture and Construction Management, College of Engineering, 2007

## PROFESSIONAL DEVELOPMENT MEMBERSHIPS & POSITIONS

**BIM Revit/Synchro training, 60 hours, Hunt Construction**, Phoenix, AZ

**Faculty Member of the Institute for Sustainable Design**, WSU Campus

**Fall Protection Systems, Alumna System Workshop**, May 2009

**LEED Certification Training-** "Building Green" Workshop, Arizona, April 2007

**Sketch Up Software Training-** 3D digital design software, April 2006

**Advanced Microsoft Project Scheduling-** March 2006

**Northwest Construction Consumer Council Member** 1992-2007

**Lean Construction Institute**, Chapter Member 2005-06

**PRIMAVERA P3e/c for Construction C102-** Managing Architecture, Engineering and Construction Projects Software Training-27 hour course- March 2004

**Strategic Planning Analysis Workshop**, Falls Management Institute-40 hours, June 1999

**Engineering Development Program**, Dillingham/Asian Cultural Business Institute, 1981-1983

## RESEARCH, PAPERS, PRESENTATIONS and PUBLICATION REVIEWS

Gunderson, David E. & Cherf, Rick, W. (2012) General Contractors' Perceptions of Subcontractor's Competencies and Attributes: A Pacific Northwest Study *Proceedings of the 48<sup>th</sup> Annual Associated Schools of Construction International Conference* Birmingham City University, Birmingham, United Kingdom

Cherf, Rick W. (2011 November). *Preconstruction Services- New Roles and Responsibilities for General Contractors*, Interviews with preconstruction directors working with Commercial Building Contractors to understand new roles, a case study. Associated Schools of Construction Region VI and VII Conference, Sparks, Nevada

Cherf, Rick W... Book Review for *Building Construction- Principles, Materials, and Systems, Chapters 28-30-Transparent Materials, Glass Aluminum Wall Systems and Chapters 31-32 Roofing Systems*, Mehta, Madan, Scarborough and Diane Armpriest, Prentice Hall Boston December 2009

Cherf, Rick W... Book review and editor for *Choosing Project Success – A Guide for Building Professionals*, Pareto Building Improvements, Westchester Illinois December 2009

Gunderson, David E., Cherf, Rick W., Wiberg, T. & Williams, G. (2010) *Partnerships between Industry and Academia for Research and Professional Development: A Case Study*. Associated Schools of Construction Region VI and VII Conference, Sparks, Nevada

Cherf, Rick W. & Gunderson, David E., *What Owners/Developers Need to Understand About Selecting Their Project Team Utilizing Alternate Delivery Methods*. Construct Seattle/Design Trends Conference, Seattle, Washington September 2007

Cherf, Rick W, *Design/Build Post Frame Building*, a 1200 square foot wood structure documenting project for publication on type of structure methods and sequencing in Whitman County Fall-Winter 2006-2007



Gunderson, David E., Cherf, Rick W. & Peschel, Jason B., *Interdisciplinary Integrated Education at Washington State University*, Associated Schools of Construction Region VI and VII Conference, Reno, Nevada, February 2007

Manuscript review for Lessons learned from *Design/Build Projects of Incineration Plants in Taiwan* for the Journal of Performance of Constructed Facilities, ASCE-American Society of Civil Engineers. Fall 2006

Speaker/panelist for *Design-Build in Washington*, Spokane, Washington- Topics covered the owner's perspective related to the design-build delivery method for the public sector. *October 2004*

Presenter/Speaker for the *Construction Management/Design-Build Seminar*, Seattle, Washington- The seminar covered the legal, bonding, insurance and risk aspects regarding design-build delivery in both the public and private sectors. *Dec 2003*

Presenter and panelist for the *Fifth Annual Northwest Construction Consumer Council-Conference and Exposition*- The breakout session detailed techniques utilized during a shutdown sequence at a Petroleum Refinery *November 2003*

Presenter and panelist for the *Northwest Energy Council Workshop*- The panel discussed the impact of a craft based incentive program in regards to production and safety during a fast track designed project. *July 1993*

## OUTREACH EDUCATION

**BIM Integrated Education Symposium- Facilitator** for six BIM specialists giving seminars on current BIM topics. Fall 2013

**Industry Show Case- Facilitator** for monthly presentations on current topics in the Built environment. Specialists are brought in to cover relevant topics in the industry. 2012-2013

**A+CM Integrated Education Symposium**, Facilitator for Request for Proposals, Team Building and Leadership, Financing and Pre-Design Analysis; Quality in Design Documentation and Communication, Specifications and Scheduling, February 2006 to October 2008

**Constructing America Lecture Series**, addressing current topics in the industry: Pre-Construction Services; Strategic Business Planning; In-House Design-Build Contracting; Responsible Wealth: Real Estate Development- 2005 to present.

The Northwest Construction Consumer Council School Competition, ***Past to Present, Building the Great Pyramid to Lean Construction***- Led a team to submit a proposal and presentation to build the pyramids in present day. *April 2006*

**Cougar Quest**, Washington State University, a workshop for grades 7-8 and 9-12 that explores the construction building process. *July 2004*

## UNIVERSITY/COMMUNITY SERVICE

**Director Search Committee Member**, School of Design and Construction search for new director. Summer 2013

**Member of Faculty Senate Task Force on Internalization**, Washington State University Spring 2006

**Center for Materials Design and Research Committee**- Member of committee for a proposed capital campaign to expand the linkage between engineering, WMEL, architecture and construction management

**Washington Achievers Scholars Mentoring Program**, Washington Education Foundation, Pullman, provide mentoring for multicultural students 2005-2006

**A+CM Integrated Education Committee-** Providing a program of study integrating Architecture and Construction Management.

**Construction Industry Liaison-** Point of contact for all industry contacts for internship and graduate interviewing of students for employment. *2003 to present*

**Habitat for Humanity,** Exterior finish leader for home in Moscow, Idaho Fall 2006

**Harvest House Remodel Project,** Project Coordinator providing construction services for remodeling a day-use facility for challenged adults living in the community fall 2006

**Sunnyside Elementary Greenhouse Project,** under Professor Michael S. Owen provided Construction/Design Coordination for the project in the summer of 2005.

**Freedom Soup and Meal Kitchen,** Sedro Woolley Volunteer- 2002

**Junior Achievement Instructor/Advisor-** School year 1984 and 2002

#### PERSONAL INFORMATION

Born July 3, 1957 Married with two daughters.