

# CURRICULUM VITA

## David E. Gunderson, PhD, CPC, DBIA, MCI OB

605 SE Spring Street, Pullman, WA 99163, (509) 335-6294, dgunderson@acm.wsu.edu

### Education:

- 2005 Ph.D., Education and Human Resource Studies, Interdisciplinary Studies, emphasis on construction management and construction management education. Colorado State University
- 2002 Master of Science in Science Management, University of Alaska Anchorage
- 1982 Bachelor of Science in Construction Management, Colorado State University

### Certification:

- DBIA Professional™ certification from the Design-Build Institute of America, 5/17/2011
- Certified Member, Chartered Institute of Building (MCI OB), Ascot, England, 5/30/2007
- Postsecondary Teaching Certificate, Division of Continuing Education, Colorado State University, Fall 2005
- Certified Professional Constructor (CPC), American Institute of Constructors, 4/8/2000

### Academic Experience:

(2006 to present) Associate Professor, School of Architecture and Construction Management, Washington State University. Courses taught:

- CstM 102, Introduction to Construction Management and the Built Environment
- CstM 201, Construction Materials I
- CstM 252, Project Administration and Documentation
- CstM 356, Construction Methods and Procedures I
- CstM 357, Superstructures
- CstM 451, Project Delivery
- CstM 457, Construction Methods and Procedures II
- CstM 473, Human factors and Productivity in Construction
- CstM 499, Presentation and Construction Management Skills
- Arch 495, Seminar in Construction Management

(2004 to 2006) Assistant Professor, Department of Construction Management, Colorado State University. Courses taught:

- MC 151, Construction Materials and Methods
- MC 363, Plan Reading for Estimating
- MC 364, Advanced Construction Systems
- MC 562, Issues and Trends in Construction Management

(2003 – 2004) Visiting Assistant Professor, Department of Construction Management, Colorado State University

- MC 151, Construction Materials and Methods
- MC 364 Lab, Advanced Construction Systems

(2001 – 2002) Adjunct faculty member at the University of Alaska Anchorage. Courses taught:

- AET 102, Methods of Building Construction
- AET 290, Contract Documents and Construction Law
- AET 290, Planning and Scheduling

### **Other Teaching Experience:**

- Invited Guest Lecturer, Colorado State University, VE 792I – Seminar in Quantitative Research Methods: Mixed Methods (Fall 2013)
- Invited Guest Lecturer, Washington State University, Fin 496 – Real Estate Development: Pacific NW Real Estate Challenge (Spring 2011)
- Invited Guest Lecturer, Washington State University, Fin 496 – Real Estate Development: Pacific NW Real Estate Challenge (Spring 2010)
- Invited Guest Lecturer, Washington State University, Fin 496 – Real Estate Development: Pacific NW Real Estate Challenge (Spring 2009)
- Invited Guest Lecturer, Colorado State University, VE 792I – Seminar in Quantitative Research Methods: Mixed Methods (Spring 2009)
- Invited Guest Lecturer, Washington State University, Fin 496 – Real Estate Development: Pacific NW Real Estate Challenge (Spring 2008)
- Invited Guest Lecturer, Colorado State University, VE 792I – Seminar in Quantitative Research Methods: Mixed Methods (Spring 2007)
- Invited Visiting Professor, University of Alaska Anchorage, School of Engineering. Course taught: PM 694A – Construction Project Management. (Summer 2006)

### **Professional Teaching Outreach to the Construction Industry**

- Invited Instructor, International Carpenters Training Center, Las Vegas, Nevada. Teaching courses associated with the Superintendent Career Training program, four times per year for the United Brotherhood of Carpenters. (May 2006 to present)

### **Professional Development:**

- Professional Leave from Washington State University (January – May 2013) granted to gather data in Ireland and gain a better understanding of construction project delivery in Ireland and the United Kingdom, and to learn about the similarities and differences between construction management education in Ireland and the United States.

- NVivo8 Qualitative Data Analysis Software Workshop. Seattle, Washington. All-day workshop, March 18, 2011.
- NVivo8 Qualitative Data Analysis Software Workshop. Seattle, Washington. All-day workshop, January 30, 2009.
- Experiential Education Workshop: “Content and Experience: Finding the Balance” by WSU Extension, sponsored by CAHNRS Academic Programs, Washington State University, Pullman, Washington. Half-day workshop, November 21, 2008.
- Grant Writers’ Workshop: “Write Winning Grants” by Dr. Stephen Russell., sponsored by the Office of Grant and Research Development, Washington State University, Pullman, Washington. All-day workshop, November 6, 2008.
- Experiential Education Workshop: “Building Successful Learning Communities” by WSU Extension, sponsored by CAHNRS Academic Programs, Washington State University, Pullman, Washington. Half-day workshop, August 21, 2008.

### **Refereed Journal Articles:**

McCord, Patrick J. & Gunderson, David E. (2014). Factors that Most Affect Relationships with General Contractors on Commercial Construction Projects: Pacific Northwest Subcontractor Perspectives. *International Journal of Construction Education and Research*. 10 (2). Philadelphia, PA: Taylor & Francis Group.

Gunderson, David E. & Gloeckner, Gene W. (2011). Superintendent Competencies and Attributes Required for Success: A National Study Comparing Construction Professionals’ Opinions. *International Journal of Construction Education and Research*. 7 (4) 294-311. Philadelphia, PA: Taylor & Francis Group.

Gunderson, David E., & Moore, Jennifer D. (2008). Group Learning Pedagogy and Group Selection. *International Journal of Construction Education and Research*. 4 (1) 34-45. Philadelphia, PA: Taylor & Francis Group.

Gunderson, David E. & Gloeckner, Gene W. (2007). Second Career for the Constructor: Qualifications for Construction Education Faculty. *The American Professional Constructor*. 31 (1) 7-12. Alexandria, VA: American Institute of Constructors.

Gunderson, David E. & Gloeckner, Gene W. (2006). Needs Assessment: Construction Management Doctoral Programs in the United States. *International Journal of Construction Education and Research*. 2 (3) 169-180. Philadelphia, PA: Taylor & Francis Group.

Habisreutinger, Paul & Gunderson, David E. (2006). Real Estate Reuse Opportunities within the ReGenesis Area: A Case Study. *International Journal of Construction Education and Research*. 2 (1) 53 – 63. Philadelphia, PA: Taylor & Francis Group.

Gunderson, David. E., Ra, Jang. W., Schroeder, Herb. & Holland, H. K. (2002). Needs Assessment – A Construction Management Bachelor of Science Degree Program in Alaska. *The Journal of Construction Education*. 7 (2) 86 – 96.

**Refereed Proceedings Articles:**

Farrow, C. Ben, Gunderson, David E., & Brown, Lori. (2014). The Value Provided by the Associated Schools of Construction – An Initial Study. *Proceedings of the 50<sup>th</sup> Annual Associated Schools of Construction International Conference*. Virginia Polytechnic Institute and State University, Washington, D.C.

McCord, Patrick & Gunderson, David, (2013). Subcontractor Perspectives: Factors that Most Affect Their Relationships with General Contractors – A Pacific Northwest Study. *Proceedings of the 49<sup>th</sup> Annual Associated Schools of Construction International Conference*. California Polytechnic State University, San Luis Obispo, CA

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.

Gunderson, David E. & Gloeckner, Gene W. (2011, April). Superintendent Competencies and Attributes: First Look at a National Study. *Proceedings of the 47<sup>th</sup> Annual Associated Schools of Construction International Conference*. University of Nebraska - Lincoln, Omaha, Nebraska.

Gunderson, David E. (2011, April). Superintendent Competencies and Attributes: Differences and Similarities in Various Sectors of the Construction Industry. Research in Progress Peer-Reviewed Abstract. *Proceedings of the 47<sup>th</sup> Annual Associated Schools of Construction International Conference*. University of Nebraska - Lincoln, Omaha, Nebraska.

Gunderson, David E. (2009, April). The Body of Knowledge for Construction Management Doctoral Programs: Starting the Discussion. *Proceedings of the 45<sup>th</sup> Annual Associated Schools of Construction International Conference*. University of Florida, Gainesville, Florida.

Johnson, Bradley T. & Gunderson, David E. (2009, April). Educating Students concerning Recent Trends in AEC: A Survey of ASC Member Programs. *Proceedings of the 45<sup>th</sup> Annual Associated Schools of Construction International Conference*. University of Florida, Gainesville, Florida.

Gunderson, David E. & Johnson, Bradley T. (2008). Professional Development for Construction Superintendents and Site Managers: Accommodating the Changing Competency and Attribute Requirements. *Proceedings of the RICS Construction and Building Research Conference*. Dublin Institute of Technology, Dublin, Ireland.

Gunderson, David E. (2008). Ranking Construction Superintendent Competencies and Attributes Required for Success. *Proceedings of the 44<sup>th</sup> Annual Associated Schools of Construction International Conference*. Auburn University, Auburn, Alabama.

Gunderson, David E., Barlow, Philip L. & Hauck, Allan J. (2007). Construction Superintendent Skill Sets. *Proceedings of the 43<sup>rd</sup> Annual Associated Schools of Construction International Conference*. Northern Arizona University, Flagstaff, Arizona.

Gunderson, David E., Moore, Jennifer D. & Adams, Michael S. (2006). Group Learning Pedagogy and Value Analysis. *Proceedings of the 42<sup>nd</sup> Annual Associated Schools of Construction International Conference*. Colorado State University, Fort Collins, Colorado.

Guggemos, Angela. A., Gunderson, David. E., Khattab, Mostafa M, & Emam, Mohamed. (2006). Creating an Online International Construction Culture Educational Experience. *Proceedings of the 42<sup>nd</sup> Annual Associated Schools of Construction International Conference*. Colorado State University, Fort Collins, Colorado.

Guggemos, Angela. A., Gunderson, David. E., Khattab, Mostafa, & Johnson, Brad. (2005). Service-Learning and Sustainability: The Foundation for an International Construction Management Course. *Proceedings of the 11<sup>th</sup> Annual International Conference on Industry, Engineering, and Management Systems*, pp. 19 – 24.

**Published Books:**

Gunderson, David E. (2008). In W. M. Timpson, & S. Doe (Eds.), *Concepts and Choices for Teaching* (2<sup>nd</sup> ed.) (p. 187-188). Madison, WI: Attwood Publishing.

Gunderson, David E. (2006). Choose Texts Carefully. In W. M. Timpson, B. Dunbar, G. Kimmel, et al. (Eds.), *147 Practical Tips for Teaching Sustainability: Connecting the Environment, the Economy, and Society* (pp. 39 – 40). Madison, WI: Attwood Publishing.

**Non Peer-Reviewed Publications**

Gunderson, David E. (January 2010 to present). Editorial (four issues per year). *International Journal of Construction Education and Research*. Philadelphia, PA: Taylor & Francis Group.

**Presentations, International**

Invited Presentation, Dublin Institute of Technology, (April 18, 2012) “Project Delivery in the United States”, Dublin, Ireland

Invited Presentation, (March 21, 2013) “The Future of Construction Management: Relationship Based Project Delivery”, Waterford Institute of Technology, Waterford, Ireland

Invited Presentation, (February 6, 2013) “Current Status of the Construction Industry in the United States: A Story of Hope for Ireland”, Cork Institute of Technology, Cork, Ireland

Invited Presentation, International Panel Discussion. (2012, April 12). *Internationalising the Professions. 48<sup>th</sup> Annual Associated Schools of Construction International Conference*. Birmingham City University, Birmingham, United Kingdom.

Invited Presentation, International Panel Discussion. (2012, April 12). *International Employability. 48<sup>th</sup> Annual Associated Schools of Construction International Conference*. Birmingham City University, Birmingham, United Kingdom.

Gunderson, David E. (2012, April 12). 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.

Gunderson, David E. & Johnson, Bradley T. (2008, September 4). *Professional Development for Construction Superintendents and Site Managers: Accommodating the Changing Competency and Attribute Requirements*. Proceedings of the RICS Construction and Building Research Conference. Dublin Institute of Technology, Dublin, Ireland.

Gunderson, David E. (2007, July 11). *Mixed Methods Research in the Traditional Quantitative Oriented Field of Construction Management Education and Practice*. Mixed Methods Research Conference. University of Cambridge, Cambridge, England.

### **Presentations, National**

Gunderson, David E. (2014, March). A Comparison of Site Manager Competencies and Attributes in Ireland with those of the Site Superintendent in the United States. Poster Presentation for Research in Progress Peer-Reviewed Abstract. *Proceedings of the 50<sup>th</sup> Annual Associated Schools of Construction Conference*. Washington, DC.

Gunderson, David E. (2014, March). The Role of the Site Manager on Construction Projects in Ireland: Competencies and Attributes Required for Success. Poster Presentation for Research in Progress Peer-Reviewed Abstract. *Proceedings of the 50<sup>th</sup> Annual Associated Schools of Construction Conference*. Washington, DC.

McCord, Patrick & David E. Gunderson, David E. (2013, April). Subcontractor Perspectives: Factors that Most Affect Their Relationships with General Contractors - A Pacific Northwest Study. *Proceedings of the 49<sup>th</sup> Annual Associated Schools of Construction Conference*. California Polytechnic State University (Cal Poly), San Luis Obispo, California.

Gunderson, David E. (2011, April). Superintendent Competencies and Attributes: First Look at a National Study. *Proceedings of the 47<sup>th</sup> Annual Associated Schools of Construction Conference*. University of Nebraska - Lincoln, Omaha, Nebraska.

Gunderson, David E. (2011, April). Superintendent Competencies and Attributes: Differences and Similarities in Various Sectors of the Construction Industry. Poster Presentation for Research in Progress Peer-Reviewed Abstract. *Proceedings of the 47<sup>th</sup> Annual Associated Schools of Construction Conference*. University of Nebraska - Lincoln, Omaha, Nebraska.

Gunderson, David E. (2009, April). The Body of Knowledge for Construction Management Doctoral Programs: Starting the Discussion. Accepted and pending publication in the *Proceedings of the 44<sup>th</sup> Annual Associated Schools of Construction Conference*. University of Florida, Gainesville, Florida.

Gunderson, David E. (2009, April). Educating Students concerning Recent Trends in AEC: A Survey of ASC Member Programs. Accepted and pending publication in the *Proceedings of the 44<sup>th</sup> Annual Associated Schools of Construction Conference*. University of Florida, Gainesville, Florida.

Gunderson, David E. & Johnson, Bradley T. (2008, April). Developing a Survey Instrument: Third Phase of Mixed Methods Research on Construction Superintendent Competencies and Attributes Required for Success. Poster Presentation at the 44<sup>th</sup> Annual Associated Schools of Construction Conference. Auburn University, Auburn, Alabama.

Gunderson, David E. (2008) *Ranking Construction Superintendent Competencies and Attributes Requires for Success*. Proceedings of the 44<sup>th</sup> Annual Associated Schools of Construction International Conference. Auburn University, Auburn, Alabama.

Gunderson, David E. (2007, April). *Service-Learning in Construction Management at Washington State University*. Poster Presentation at the 43<sup>rd</sup> Annual Associated Schools of Construction Conference. Northern Arizona University, Flagstaff. Arizona.

Gunderson, David E., Barlow, Philip L. & Hauck, Allan J. (2007, April). *Construction Superintendent Skill Sets*. Proceedings of the 43<sup>rd</sup> Annual Associated Schools of Construction Conference. Northern Arizona University, Flagstaff. Arizona.

Gunderson, David E., Moore, Jennifer D., Adams, Michael S., & Adams, Ginger R. (2006, April). *Group Learning Pedagogy and Value Analysis*. 42<sup>nd</sup> Annual Associated Schools of Construction Conference. Colorado State University, Fort Collins, Colorado.

Guggemos, Angela. A., Gunderson, David. E., & Khattab, Mostafa M. (2006, April). *Creating an Online International Construction Culture Educational Experience*. 42<sup>nd</sup> Annual Associated Schools of Construction Conference. Colorado State University, Fort Collins, Colorado.

Gunderson, David E., (2005, April). *Needs Assessment: Construction Management Doctoral Programs in the United States*. Abstract and Poster Presentation at the 41<sup>st</sup> Annual Associated Schools of Construction Conference. University of Cincinnati, Cincinnati, Ohio.

Williams, Kenneth C., Berryman, Charles W., Gunderson, David E., et al. (2005, April). *Investigating ASC Member's Construction Doctoral Degrees and Related Program Efforts*.

Presentation and Report submitted to the ASC Board of Directors from the ASC Construction Doctoral Task Force at the 41<sup>st</sup> Annual Associated Schools of Construction Conference. University of Cincinnati, Cincinnati, Ohio.

### **Presentations, Regional**

Gundersob, David E. (2014). A Comparison of Site Manager Competencies and Attributes in Ireland with those of the Site Superintendent in the United States. Associated Schools of Construction Region VI and VII Conference, Sparks, Nevada.

Cherf, Rick W. & Gunderson, David E. (2012). *New Roles & Responsibilities in Preconstruction Services*. Associated Schools of Construction Region VI and VII Conference, Sparks, Nevada.

Gunderson, David E. (2011). *Construction Superintendent Competencies and Attributes: First Look at a National Study*. Associated Schools of Construction Region VI and VII Conference, Sparks, Nevada.

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.

Gunderson, David E. (2008) *Ranking Construction Superintendent Competencies and Attributes Required for Success*. Associated Schools of Construction Region VI and VII Conference, Reno, Nevada.

Cherf, Rick W. & Gunderson, David E. (2007, September). *What Owners/Developers Need to Understand About Selecting Their Project Team Utilizing Alternative Delivery Methods*. Construct Seattle Conference, Washington State Convention Center, Seattle, Washington.

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

Guggemos, Angela A, Gunderson, David E., & Khattab, Mostafa M. (2006, February). *An Online International Construction Culture Educational Experience*. Associated Schools of Construction Region VI and VII Conference, Reno, Nevada.

### **Presentations, Local**

Gunderson, David E., Scott, Lloyd, & Gloeckner, Gene W. (2014, March). *A Comparison of Site Manager Competencies and Attributes in Ireland with those of the Site Superintendent in the United States* Peer-reviewed Abstract and Poster Presentation at the Washington State University Showcase 2014.



Day, Julia., & Gunderson, David. E. (2014, February). *Reducing energy use in high performance buildings through teaching*. Washington State University, Wiley Research Exposition, Pullman, WA.

Cherf, Rick W. & Gunderson, David E. (2012). *New Roles & Responsibilities in Preconstruction Services*. Peer-reviewed Abstract and Poster Presentation at the Washington State University Showcase 2012.

Gunderson, David E. (2011, March). *Superintendent Competencies and Attributes: First Look at a National Study*. Peer-reviewed Abstract and Poster Presentation at the Washington State University Showcase 2011.

Gunderson, David E. & Cherf, Rick W. (2010, March). *General Contractors' Perceptions of Subcontractor's Competencies and Attributes*. Peer-reviewed Abstract and Poster Presentation at the Washington State University Showcase 2010.

Gunderson, David E. (2009, March). *Group Learning Pedagogy and Group Selection*. Peer-reviewed Abstract and Poster Presentation at the Washington State University Showcase 2009.

Gunderson, David E. (2008, March). *Ranking Construction Superintendent Competencies and Attributes Requires for Success*. Peer-reviewed Abstract and Poster Presentation at the Washington State University Showcase 2008.

Gunderson, David E. (2007, March). *Construction Superintendent Skill Sets*. Peer-reviewed Abstract and Poster Presentation at the Washington State University Showcase 2007.

## **Contracts and Grants**

### ***Authored Proposals:***

(2012, November). *Site Manager Required Duties and Responsibilities in European Countries*. Gunderson, David E. (PI), Washington State University 2012-2013 International Travel Award. (not funded).

(2010, November). *Electrical Construction Project Superintendents: Competencies and Attributes Required for Success and the Resultant Professional Development Curricula*. Gunderson, David E. (PI), Invited proposal to ELECTRI International – The Foundation for Electrical Construction. (not funded).

(2008, February). *Ranking Construction Superintendent Competencies and Attributes Required for Success*. Gunderson, David E. (PI), Washington State University New Faculty Seed Grant, (Grant Awarded: \$4,155).

(2007, November). *Identifying Construction Superintendent Competencies and Attributes*, Gunderson, David E. (PI), Washington State University; Johnson, B. (Co-PI). Invited proposal to the Mechanical Contractors Education and Research Foundation. (not funded).

(2007, May). *Required Competencies for Construction Project Superintendents*. Gunderson, David E. (PI), Washington State University Travel Grant, (not funded).

(2007, February). *Required Skill Sets for Construction Project Superintendents*. Gunderson, David E. (PI), Washington State University New Faculty Seed Grant, (not funded).

***Co-authored proposals:***

(2004-2006) *International Project Management: A Multi-Culture Approach*, Khattab, M. (PI), Guggemos, A. (Co-PI) and Gunderson, D. (Co-PI), U.S.-Middle East University Partnerships Program for U.S. Middle East Partnership Initiative (MEPI) with the Association Liaison Office for University Cooperation in Development, \$207,671.

**Consulting Experience:**

Professional Development Consultant, Morley Builders, Santa Monica, California. Interviewed Morley Builders personnel at the home office in Santa Monica and at a jobsite in Hollywood, and provided a report on current field operations with recommendations for improvement. (July/August 2013)

Professional Development Consultant, Howard S. Wright, Northern California Area Office. Met with Howard S. Wright personnel in Northern California and provided a report on current field operations with recommendations for improvement. (July 2011)

Professional Development Consultant, Western Partitions, Inc. Portland, Oregon. Work with corporate management to develop professional training for employees. Consulting includes research to determine strengths, weaknesses, opportunities and threats faced by this specialty contractor. (December 2008 to December 2010)

Curriculum Development Consultant, University of Alaska Anchorage. Work with current faculty in the development of the curriculum for the new Bachelor of Science in Construction Management. (2005 – 2006)

**Work Experience Summary:**

More than 30 years experience in the construction industry including 20 years of extensive experience in construction project management including cost control, scheduling, estimating, construction inspection, quality control, contract administration and legal aspects of project execution and claims avoidance, and superintendence. Ten additional years experience in hands-on aspects in the construction industry including construction foreman and carpenter.

**Work Experience:**

6/96 to Alcan General, Inc., P. O. Box 91535, Anchorage, Alaska 99509

- 12/02      Project Manager  
Responsibilities included estimating for lump sum competitively bid and design-build projects, writing and administering subcontract agreements and purchase orders, administering contract with the Owner, project scheduling, and subcontractor and supplier coordination. Responsible for pricing and submitting change order proposals to the owner and architect, and writing change orders to subcontractors and suppliers. Supervisor: Terry Fike, President.
- \$5,000,000 University of Alaska Fairbanks Fine Arts Complex Renewal – Phase I, Fairbanks, Alaska
  - \$7,000,000 City Police Station, Fairbanks, Alaska.
  - \$20,420,000 Teeland Middle School, Wasilla, Alaska.
  - \$8,100,000 Creekside Park Elementary School Renovations & Additions, Anchorage, Alaska.
  - \$6,130,000 Taku Elementary School Addition & Modifications, Anchorage
  - \$5,250,000 Providence Seward Medical Center, Seward, Alaska.
  - Five tenant improvement projects at Providence Medical Center, Anchorage, Alaska with a combined value of \$1,200,000. Projects include new heart center, laboratory, and offices.
- 3/94 to      Hoffman Construction Company of Alaska, Anchorage, Alaska  
6/96      Operations Manager  
Project management responsibilities included writing and administering subcontract agreements and purchase orders, administering contract with the Owner, estimating/writing proposals and negotiating change orders with the Owner for:
- \$8,000,000 U. S. Army Reserve Center, Fort Richardson, Alaska.
  - \$10,800,000 Lake Hood Elementary School, Anchorage, Alaska.
- 5/93 to      Denali General Contractors, Anchorage, Alaska  
12/93      Superintendent  
Responsible for project construction including labor and material costs and logistics for two projects in Bethel, Alaska:
- \$680,000 two-story addition and remodel of the local housing authority offices.
  - \$330,000 metal storage building on a concrete foundation for the Army National Guard (most structures are placed on piling, deep foundations, rather than shallow foundations).
- 2/93 to      The Bernheim Companies, San Francisco, California  
4/93      Construction Management Consultant

Provided constructability review of design drawings, construction cost estimate, and value engineering for a \$1.7 million seismic rehab and remodel for a five story unreinforced masonry commercial building.

- 8/89 to 1/93 Midstate Construction Corp., Petaluma, California  
Superintendent  
Responsible for project start-up, construction quality, subcontractor coordination, schedule, labor and material costs, and safety on commercial projects ranging from \$150,000 to \$3 million.
- 12/88 to 8/89 Morrison-Knudsen Company, Inc., Long Beach, California  
Quality Control Manager  
Provided coordination of the close-out portion of the \$27 million Main Yard and Shops contract, Part of the Long Beach Los Angeles Light Rail Project including development of the maintenance facility final punch lists, approved and verified the submission/performance of all testing, training, and O & M Manual requirements.
- 7/87 to 12/88 Morrison-Knudsen Company, Inc., Long Beach, California  
As general contractor on the \$32 million C435 Aerial Structures contract, part of the Long Beach - Los Angeles Light Rail Project, M-K built five cast-in-place concrete bridges.
- Quality Control Engineer (4/88 to 12/88) Implemented and maintained the Contractor Quality Control Plan to assure the work performance by M-K, including subcontractors and suppliers, to be in conformance with the Contract Documents.
  - Assistant Project Engineer (7/87 to 4/88) Supervised four engineers responsible for field engineering, cost, schedule, procurement, and project controls.
- 10/85 to 7/87 Morrison-Knudsen Company, Inc., Soldotna, Alaska  
Resident Engineer  
Program management for the three-phase addition/remodel at Soldotna Elementary School in Soldotna, Alaska, and a new K through 12 school in Hope, Alaska.
- 4/85 to 10/85 Morrison-Knudsen Company, Inc., Anchorage, Alaska  
Construction/Quality Assurance Engineer and Owner's Representative  
Provided management coordination of the Design-Build contract for construction of the 18-hole Anchorage Golf Course for the Municipality of Anchorage.
- 12/83 to 4/85 Morrison-Knudsen Company, Inc., Anchorage, Alaska  
Scheduling Engineer  
Responsible for scheduling and submittals on Phase 1A of the \$80 million multi-phase Providence Hospital Expansion Project.
- 6/82 to 12/83 Morrison-Knudsen Company, Inc., Boise, Idaho and Dallas, Texas  
Construction Engineer

Special projects in the home office, and Dallas Arco Tower 49 story high-rise.

8\78 to 8/82 Worked part-time during the summer months and holiday breaks for several construction companies in Worland, Wyoming as a foreman, carpenter, and concrete finisher while pursuing a Bachelor of Science degree in Construction Management.

6/72 to 8/78 Worked for several construction companies in Wyoming as a foreman, carpenter, concrete finisher, and laborer.

### **Honors and Awards:**

- Recipient of the 2013 Design-Build Institute of America Distinguished Leadership Award.
- Outstanding Teaching Award for 2011 from the School of Architecture and Construction Management, Washington State University.
- CII Distinguished Professor Award for 2011 from the Construction Industry Institute, Austin, Texas.
- Best Conference Paper Award at the 47<sup>th</sup> Annual Associated Schools of Construction Conference. (2011). University of Nebraska - Lincoln, Omaha, Nebraska.
- Associated Schools of Construction National Outstanding Researcher Award for 2011
- Recipient of the 2007, Associated Schools of Construction National Teaching Award from Region VII
- Recipient of the 2005, Associated Schools of Construction National Teaching Award from Region VI
- Nominated for a 2004 Community Civility Award, City of Fort Collins and Colorado State University
- Phi Kappa Phi, National Honor Society, elected by the chapter at University of Alaska Anchorage, April 2002
- Alumni Association Student Service Award, College of Professional Studies, Colorado State University, May 1982
- Sigma Lambda Chi, Honorary Construction Society, Kappa Chapter, Student Member, 1980 to present

### **Memberships:**

- Member, Lean Construction Institute, 2010 to present

- Member, Chartered Institute of Building, 2007 to present
- Member, Design-Build Institute of America, 2006 to present.
- Member, Phi Kappa Phi (Scholastic Honor Society), 2002 to present
- Member, American Institute of Constructors, 2000 to present.
- Member, Sigma Lambda Chi (Honorary Construction Society), 1980 to present.

**University Service:**

- Member, Teaching Work Load Committee, College of Engineering and Architecture, February, 2012 to December 2012.
- Member, PhD Committee, School of Architecture and Construction Management. August 2011 to May 2012.
- Member, Committee to Review the Dean of the College of Engineering and Architecture, October 2010 to January 2011.
- Co-Chair, School of Architecture and Construction Management Research Committee, August 2009 to December 2010.
- Member of the Research and Arts Committee, Washington State University, December 2007 to December 2009.
- Member of the Faculty Senate Task Force on Internationalization, Washington State University, Spring 2007 to Fall 2008.
- Integrated Education Committee, School of Architecture and Construction Management, Washington State University, Fall 2006 to present.
- Scholarship Committee, School of Architecture and Construction Management, Washington State University, Fall 2006 to Spring 2008.
- Coach, Design-Build Institute of America, Design-Build National Student Competition, November 2012, 1<sup>st</sup> Place at the National DBIA Convention, New Orleans, Louisiana.
- Coach, Associated Schools of Construction (ASC) Design-Build Student Competition Team, Washington State University, September 2006 to present.
  - 2013, 3<sup>rd</sup> Place at the Far West Regional ASC Student Competition
  - 2012, 3<sup>rd</sup> Place at the Far West Regional ASC Student Competition
  - 2011, 1<sup>st</sup> Place at the Far West Regional ASC Student Competition
  - 2009, 3<sup>rd</sup> Place at the Far West Regional ASC Student Competition
- Coach, Associated Schools of Construction (ASC) Integrated Project Student Competition Team, Washington State University, September 2012 to January 2013
- Coach, Associated Schools of Construction (ASC) Preconstruction Services Competition Team, Washington State University, September 2011 to February 2012

- Coach, Associated Schools of Construction (ASC) Commercial Competition Team, Washington State University, September 2007 to February 2009
  - 2009, 2<sup>nd</sup> Place at the Far West Regional ASC Student Competition
- Committee Chair, Curriculum Revisions: CON 364, Construction Project Administration; CON 365, Construction Estimating; CON 366, Integrated Field Engineering; CON 367, Construction Contracts; CON 461, Construction Scheduling. Colorado State University, September 2005 to May 2006.
- Committee member, Undergraduate Curriculum Assessment, Colorado State University, September 2004 to May 2006.
  - ✓ Senior Capstone Course Committee
  - ✓ Junior Capstone Course Committee
- Departmental Curriculum Committee member, Colorado State University, September 2003 to May 2006
- Scholarship Committee, Colorado State University, 2003 to 2006.
- Faculty Advisor, Associated General Contractors Student Chapter, Colorado State University, August 2003 to May 2006.
- Faculty Advisor, Habitat for Humanity Student Chapter, Colorado State University, February 2003 to May 2006.
- Coach, Associated Schools of Construction (ASC) Commercial Competition Team, Colorado State University, 8/2003 to 5/2006.
  - 2005, 2<sup>nd</sup> Place at the National ASC-AGC Student Competition
  - 2005, 1<sup>st</sup> Place at the Rocky Mountain Regional ASC Student Competition
  - 2004, 2<sup>nd</sup> Place at the Rocky Mountain Regional ASC Student Competition

### **Professional Service:**

- Editor-In-Chief, *International Journal of Construction Education and Research*, Associated Schools of Construction, January 2010 to present
- Associate Editor, *International Journal of Construction Education and Research*, Associated Schools of Construction, August 2008 to December 2009.
- Acknowledged in *Construction Jobsite Management* (2011) by W. R. Mincks and H. Johnston, Clifton Park, NJ: Delmar, for providing professional review and contributions.
- Acknowledged in *Design-Build: Design-Build Essentials, Book 1* (2011) by B. J. Jackson, Clifton Park, NJ: Delmar, for providing professional review and contributions.
- Reviewer, *International Journal of Construction Education and Research*, Associated Schools of Construction, January 2005 to August 2008.
- Reviewer, *Journal of Mixed Methods Research*, Sage Publications, July 2007 to present.
- Reviewer, *Journal of Performance of Constructed Facilities*, American Society of Civil Engineers, 2006 to present.

- Reviewer, *The American Professional Constructor*, Journal of the American Institute of Constructors, 2006 to present.
- Reviewer, *Proceedings of the Associated Schools of Construction*, 2005 to present.
- National Director, American Institute of Constructors, April 2006 to April 2009.
- Moderator for Research Presentations Session at the 44<sup>th</sup> Annual Associated Schools of Construction Conference. University of Florida, Gainesville, Florida.
- Moderator for Research Presentations Session at the 43<sup>rd</sup> Annual Associated Schools of Construction Conference. Northern Arizona University, Flagstaff. Arizona.
- Moderator for Research Presentations Session at the 42<sup>nd</sup> Annual Associated Schools of Construction Conference. Colorado State University, Fort Collins, Colorado.
- Member, Professional Advisory and Development Board, Department of Construction Management, Colorado State University, 2003 to 2006.
- Judge for the Associated General Contractors of Colorado Awards for Construction Excellence , 2003
- Associated General Contractors of Alaska Education Committee member, 2001 and 2002.
- Member of the Associated General Contractors of Alaska labor relations negotiations teams for contract negotiations with the Carpenters Union and the Masons and Cement Finishers Union (2001).

### **Community Service:**

- Palouse Habitat for Humanity, Vice President of the Board of Directors, January 2007 to December 2009.
- Palouse Habitat for Humanity, Member of the Board of Directors, October 2006 to December 2009.
- Pastoral Council President, Sacred Heart Catholic Church, Pullman, Washington, August 2009 to September 2011
- Pastoral Council Member, Sacred Heart Catholic Church, Pullman, Washington, October 2007 to September 2011
- Fort Collins Habitat for Humanity, Vice President of the Board of Directors, January 2004 to May 2006.
- Fort Collins Habitat for Humanity, Board of Directors member, March 2003 to May 2006.
- Building Committee, Blessed John XXIII Catholic Church, 2006
- Habitat for Humanity –Anchorage, Board of Directors Vice President, September 2001 to December 2002.



- Habitat for Humanity – Anchorage, Construction Committee member, January 1998 to December 2002
- Habitat for Humanity – Anchorage, Project Director and Site Supervisor for houses sponsored and built by the Catholic community, August 2000 to November 2002.