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ACADEMIC ACHIEVEMENTS

P.D. Engineering. University of Wisconsin (Madison Campus). May, 2003. Concentrations in facilities design, safety engineering, and engineering sciences. GPA 3.7 on A = 4.0.

M.S. Management (MBA). Purdue University (Calumet Campus). May, 1982. Concentrations in operations management, law, and economics. GPA 5.3 on A = 6.0 (≈ 3.5 on A = 4.0 equivalent).

Attended Washington State University (Pullman Campus) Fall, 1972-Spring, 1977. GPA 3.5 on A = 4.0.

B.S. Building Theory - Cum Laude (architectural engineering).

B.A. Business - Cum Laude (finance).

B.A. Economics - Cum Laude (labor economics/labor relations).

Professional Certificate – Construction Safety & Health, August, 2011 and **Professional Certificate - General Industry Safety & Health**, September, 2012, University of California-San Diego: OSHA Training Institute. (65 credits total). GPA 3.9 on A = 4.0.

Over 350 programs including **Stanford University's Stanford Sierra Construction College**. Passed State of Washington Real Estate Exam 1976. Passed Certified Cost Engineer (CCE) Exam 1983. CCE/Cert Cost Professional Certified/Recertified 1983-2023. Passed PMI Certified Project Manager Exam 1994. PMI Cert./Recertified 1994-2021. Passed Certified Professional Constructor Exam 1998: 90%. CPC Certified/Recertified 1998-2021. Passed Certified XL Tribometrist (CXL) Exam 2007: 90%. CXL Cert/Recert. 2007-2019. Passed Certified Estimating Professional (CEP) Exam 2008. CEP Certified/Recertified 2008-2023. Passed Planning & Scheduling Professional (PSP) Exam 2008. PSP Certified/Recertified 2008-2023. Passed Nevada Contractor's License Exams 1999: CMS Law/Mgmt. 99%; B-2 General Contractor 89%. OSHA 30-Hour Construction Card 2012-2022. EM 385-1-1 USACE/NAVFAC 40-Hour Construction (2012-2017). Federal OSHA-Authorized/Re-Authorized General Industry Safety Trainer, OSHA Training Institute - University of California - San Diego 2011-2023. Cal/OSHA-Authorized/Re-Authorized California Construction Industry Safety Trainer, OSHA Training Institute - University of California - San Diego 2012-2022. Federal OSHA-Authorized/Re-Authorized Construction Industry Safety Trainer, OSHA Training Institute - University of California - San Diego 2010-2022. Passed Certified Safety & Health Manager Exam 2018 (Certified CSHM 2018-2022)

PROFESSIONAL EXPERIENCE

Experience ranging from Carpenter to General Foreman, Project Engineer with multi-project responsibility, and Senior Engineer. Currently Associate Professor and Consultant.

University of Nevada - Las Vegas at Las Vegas, NV. **Asst. Professor/CM Program Coordinator** September, 1989 - June, 1995. **Assoc. Professor/CM Program Coordinator** July, 1995 – September, 1998. **Associate Professor** September, 1998 – present Construction Management Program. Coursework in construction management, cost control, cost estimating, structural design, and facility systems. **Industry Consultant** to industry organizations including owners, contractors, and A/E firms on design and construction issues, construction safety/defects, methods/materials, production and cost management issues.

Western Michigan University at Kalamazoo, MI. **Asst. Professor** Sept. 1987 - Sept. 1989. Courses in design (structures, geotechnical, foundations) and construction (estimating, scheduling, building codes, safety) with construction science and management program. Also **Industry Consultant**.

Inland Steel Corp. (ArcelorMittal) at East Chicago, IN. June, 1977 - September, 1987 in design/construction and major maintenance areas at Harbor Works Steel Mill (18,000 employment at 2,000-acre plant site). **Associate Engineer** (1 yr.), **Millwright Supervisor** (6 mo.), **Field Engineer** (3 yr.), **Project Engineer** (3 yr.), and **Senior Engineer** (2.5 yr.). Construction engineering/construction management, project controls, estimating, and design-build work including 3.5 years on \$800 million primary metals project. Also Inryco subsidiary on design-build multi-family, commercial, and warehouse projects in Illinois, Indiana and Wisconsin. **Project responsibility including civil/structural and MEP on variety of projects including:** 17-story Coal Preheat Building and Conveyor Systems (\$34 million); Preheat Annex Structure and 204' high Waterless Gas Holder (1.9 million cu. ft.); Treatment Plant/Pumping Stations (\$18 million); Coke Oven Battery/Chemical Plant (\$120 million); Boiler House/Power Station (\$73 million).

Opfer Construction Co. at Spokane, WA. (father's firm). **General foreman** on commercial and residential projects. Employed from June to October, 1976. (Prior and subsequent employment 1965-2003 with trade experience and management positions; 2003-2005 (business wrap-up after father's death.)

Standard Oil of California (Chevron) at Richmond, CA. Estimating, design, planning, and field coordination at petro/petrochem refinery on projects for civil/structural & MEP disciplines. June - Sept. 1975.

Construction projects involving powerhouse, trona mine, and refinery: **CE Lummus** - Green River, Wyoming; coal storage facilities and mine headframe: **Morrison-Knudsen** - Green River, Wyoming; condominiums and site development: **AC/IMI Corp.** - Breckenridge, Colorado. Varied duties included trade experience, supervision, and project control. 1972-1974.

PROFESSIONAL ACTIVITIES SUMMARY

American Institute of Constructors - Constructor Member (Life).

American Society of Safety Engineers/American Society of Safety Professionals – Professional Member 2008-Present.

Association for Advancement of Cost Engineering – Fellow, Distinguished Achievement, VP '93-'94, Pres. '94-'95 NV Section.

Association for Advancement of Cost Engineering - National Director, Region 6, 1995-1997.

American Council for Construction Education - 1980 Accreditation Committee.

American Welding Society – 1979-Present (Life Member), 1982-87 Chicago Region Director.

Construction Financial Management Association - Member, LV Board of Directors 1994-Present.

Construction Management Association of America – Member 1989-Present.

Inland Steel Engineers' Association - Member 1977-1987, 1980 President.

Illuminating Engineering Society of North America - Member 1992-Present.

National Safety Council – Construction Division Member 2006-Present.

Project Management Institute – Member 1993-Present, Vice President 1994 Southern Nevada Section.

Numerous presentations and papers on variety of construction topics including: safety, design-build, drones/UAVs, cost control, insurance, constructability, quality circles, estimating, inspection, structural modifications, change order procedures, process improvement, productivity, construction defects, claims, scheduling techniques, temporary construction structures, maintenance management, and construction defect/failure analysis.

PROFESSIONAL AWARDS SUMMARY

AACE International Nevada Section – Outstanding Service Award – 2000; AACE International Nevada Section – Founder Award – 2004; AACE International – National Director Award – 1997; AACE International – Brian Dunfield Outstanding Educational Service Award – 2004; AACE International – Charles V. Keane Outstanding Service Award – 2009; AACE Fellow Award - 2013, AACE Lifetime Achievement Award - 2017, American Welding Society – Silver Member Award – 2004 and Life Member Award 2014; Tau Beta Pi National Engineering Honor Society - Life Member, 1975-present; Phi Kappa Phi National Honor Society - Life Member, 1977-present; Order Of The Engineer – Life Member, 1989-present; Project Management Institute Southern Nevada Chapter – Founding Award – 1994. UNLV Construction Management Program, etc. – Outstanding Faculty Service/Outstanding Teaching/Outstanding Faculty Member Awards (3 areas - numerous times). UNLV College of Engineering Distinguished Faculty Member Service Award – 2018.

COLLEGE ACTIVITIES AND AWARDS SUMMARY

Tau Beta Pi National Engineering Honor Society (Life), Phi Kappa Phi Honor Society - Life Member,

Outstanding Junior - Building Theory (1975), Outstanding Senior - Building Theory (1976),

WSU Engineering Council (Vice President 2 yrs.), ASWSU Student Legislature (2 yrs.),

University Planning Committee (2 yrs.), University Faculty/Administration/Student Senate (2 yrs.).

PERSONAL

Single, excellent health, height 5'11", weight 195 lb., born June, 1954. Sports include bike races and triathlons. Races including Las Vegas Half-Marathon, Sacramento Half-Marathon, Dallas Marathon, Race Around Mt. Rainier, Chrysler-Plymouth 24-Hour Bike Marathon (7th Place 1987) and Michigan National 24-Hour Bike Marathon (30-34 Age Group Silver Medal 1988).