

Steven A. Call, Ph.D.

School of Design + Construction
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Refereed Journal Papers Accepted

1. Call, S., Sullivan, K., and Smithwick, J. (2018). “The US Healthcare Facilities Management Industry's State of Hiring from Facilities Management Academic Programs,” *Journal of Facility Management Education and Research*. 2018, Vol 2, No. 1, pp. 19-25.
2. Call, S., Sullivan, K., and Smithwick, J. (2018). “Employment Barriers into US Healthcare Facilities Management Industry for New Facilities Management Graduates,” *Journal of Facility Management Education and Research*. 2018, Vol 2, No. 2, pp. 53-61.
3. Call, S., Sullivan, K., (2019). “An Educational Framework for Healthcare Facilities Management: Preparing Future Professionals,” *Journal of Facility Management Education and Research*. 2019, Vol 3, No. 1, pp. 8-17.

Teaching Experience

Assistant Professor, *Washington State University – School of Design + Construction*

- Construction Management (Cst_M) 460: Construction Cost Accounting
 - 6 credit hours (2 sections)
 - 56 construction management/engineering undergraduate students
 - Topics covered: time value of money, accounting methods, cost control, financial statements and analysis, cash flow, general overhead and profit, capital planning, real estate finance, bonding
- Construction Management (Cst_M) 202: Materials II
 - 3 credit hours
 - 100 architecture and construction management/engineering undergraduate students
 - Topics covered: Building enclosures, roofing, glass and glazing, windows, special construction, interior partitions, exterior and interior finishes, ceilings and floors, building systems
- Construction Management (Cst_M) 473: Human Productivity in Construction
 - 3 credit hours
 - 62 construction management/engineering undergraduate students
 - Topics covered: ethical, multicultural, and environmental leadership, intelligence and personality, motivation and communication, management, power, and virtual teams

Adjunct Professor, *Brigham Young University – Ira A. Fulton College of Engineering and Technology*

- Construction & Facilities Management (FMP/CFM) 450/200: Healthcare Facility Engineering - *Three semesters*
 - 3 credit hours
 - Approximately 30 multidisciplinary (facilities, construction, business) undergraduate students
 - Topics covered: clinical operations, infection control, regulatory and code compliance, healthcare design, systems, and construction methods

Graduate Teaching Assistant, *Arizona State University – Del E. Webb School of Construction*

- Construction Management (CON) 530: Facilities Operations & Maintenance – *Six semesters*
 - Topics Covered: Building Systems, Maintenance Strategies, Maintenance Planning and Scheduling, Predictive and Preventative Maintenance, Computerized Maintenance Management Systems, Central Plant Operations, Building Controls and Automation
- Construction Management (CON) 531: FM Building Energy Management – *Two semesters*
 - Topics Covered: Energy Metrics, Energy Star, Managing Site Electrical Power, Commissioning, Energy Auditing, Financial Analysis.
- Construction Management (CON) 532: Facilities Project Management – *Four semesters*
 - Topics covered: Scope of Work, Budget Estimates, Project Schedules, Communication Plans, Change Orders, Administrative Payment Applications, Life Cycle Cost Analysis.
- Construction Management (CON) 598: FM Real Estate & Property Management – *Three semesters*
 - Topics covered: Property Acquisition, Leasing and Disposition, Space Planning and Utilization, Portfolio Performance, Health and Safety, Emergency Planning.
- Construction Management (CON) 598: FM Finance & Communication – *Three semesters*
 - Topics covered: Accounting Principle and Practices, FM Metrics, Financial Analysis and Business Cases, Outsourcing Concepts, Contract Management.

Invited Presentations

1. Call, S. (2018). “The Healthcare FM Attrition Problem,” *American Society for Healthcare Engineering (ASHE), Succession Planning Committee*. July 16, 2018. Seattle, WA, (14 Attendees).
2. Call, S. (2019). “The Healthcare FM Attrition Problem: A Guide to Improving Succession Planning,” *International Facilities Management Association: FM Research & Benchmarking Institute*. September 25, 2019. Webinar (71 Attendees).
3. Call, S. (2019). “Meta-Analysis of the Healthcare Facility Management Workforce: A Framework to Address the 2030 Succession Challenge,” *International Facilities Management Association: World Workplace*. October 17, 2019. Phoenix, AZ, (17 Attendees).

Accepted Presentations

1. Call, S. (2019). “Meta-Analysis of the Healthcare Facility Management Workforce: A Framework to Address the 2030 Succession Challenge,” *Associated Schools of Facilities Management, Fall Colloquium*. October 15, 2019. Phoenix, AZ, (19 Attendees).

Education

Ph.D., Construction Management – August 2019

Arizona State University

- Dissertation: “Meta-Analysis of the Healthcare Facility Management Workforce: A Learning Framework to Address the 2030 Succession Challenge”

M.S., International Real Estate – July 2015

Florida International University

B.S., Facilities Management – April 2006

Brigham Young University

Awards

L.C. Jacobson Graduate Fellowship – Ira A. Fulton School of Sustainable and the Built Environment, 2017- 2018.

Ilse B. Almanza Scholarship – American Society for Healthcare Engineering, 2017.

Leadership & Professional Service

Journal of Facility Management Education & Research Editorial Committee, 10/2018 – present.

Brigham Young University Construction & Facilities Management Industry Advisory Council, 1/2012 – 8/2019.

CoreNet Global Salt Lake City Chapter Membership Co-chair, 1/2013 – 10/2015.

Professional Affiliations

American Society for Healthcare Engineering.

Professional Licenses

Real Estate Sales License (7439434-SA00) – Utah Division of Real Estate, 9/2009 – 9/2011.