



**The American
Institute
of Architects**

Construction Contract
Administration

an **AIA** Knowledge Community

Innovation Day: 2019 CCA Symposium

A one-day symposium on technology and innovation during construction

March 13, 2019 | Washington, DC

Speaker Biographies

Innovative CA is not an oxymoron—it's a survival strategy



Dale L. Munhall, AIA, NCARB, LEED AP
Director of Construction Phase Services, LEO A DALY

Dale Munhall, AIA, is Director of Construction Phase Services for LEO A DALY at the home office in Omaha NE. He is a registered architect, certified by the National Council of Architectural Registration Boards (NCARB), and is a LEED Accredited Professional. During his long career he has developed a unique perspective on the entire project delivery process via his early experience as a construction manager and field superintendent and as a real estate broker and part-time building code official. He has actively served on committees of the American Institute of Architects (AIA) and the Design-Build Institute of America (DBIA), and he has written numerous articles and made national presentations on various aspects of design, construction and the project delivery process. He can be reached at DLMunhall@leoadaly.com.



Kristina L. Crawley, AIA NCARB LEED AP
Commercial Practice Leader, LEO A DALY

As a licensed architect, NCARB certified and LEED professional, Kristina is the Commercial Market Practice Leader at LEO A DALY. Kristina charts the strategic processes for the market, pursues collaboration company-wide, and develops projects, relationships, and ventures nationwide in the commercial sector. She is responsible for growing, developing and leading the practice towards global leadership. Personally and primarily responsible for project management, leadership, direction, supervision, budget and fee allocation, negotiating contracts, client relationship and management, consultant contract negotiation and management, and leading the strategic development.



Timothy J. Duffy, AIA, LEED AP
Technical Director, LEO A DALY

Timothy Duffy is an architect licensed in DC, MD, VA and LA with a BS in Building Construction and Master of Architecture, and more than 30 years' experience in architecture, planning, construction management and construction. He is a Vice President and Technical Director in LEO A DALY's DC office, responsible for QA/QC and CA in the office, and has worked on a wide range of private and public projects in DC, elsewhere in the US and internationally. These include offices, laboratories, GSA Design Excellence, secure and other government facilities, corporate headquarters, educational facilities, mixed-use, hospitality, aviation, high-performance sustainable design and historic preservation. Recent projects include the Corcoran renovation in DC, the new Louis Armstrong New Orleans International Airport, the Intelligence Community Campus-Bethesda, and the Wilson School in Arlington. He has long had a strong interest in building energy performance and high performance building enclosures.

Integrating Construction Administration with Building Enclosure Commissioning (BECx)



Kelley Vogel, AIA
Associate III, Wiss, Janney, Elstner Associates

Kelley Vogel has been involved in a broad range of services encompassing new and existing building enclosures. Her projects include building enclosure commissioning, investigation, testing, analysis, design, and construction phase services. Ms. Vogel has experience with a variety of enclosure systems and their associated design, critical detailing, and installation requirements.

Prior to joining WJE, Ms. Vogel served two terms as an Americorps volunteer, working as a construction crew leader for Habitat for Humanity and as a Fellow for a Dallas-based community design center. She has worked for a variety of architectural services firms and contributed to multifamily residential, retail, and commercial renovation projects as well as providing LEED project consulting. During her graduate studies, Ms. Vogel worked as a Research Fellow with Oak Ridge National Laboratory's Building Technologies Research & Integration Center and was a contributor to "Precedents in Zero Energy Design" (Zaretsky, Routeledge 2009).



Fiona Aldous
Principal, Wiss, Janney, Elstner Associates

Fiona Aldous is a Principal with Wiss Janney Elstner Associates. She has completed numerous comprehensive technical building enclosure commissioning (BECx) projects, instructs programs in BECx, was a prime author of the NIBS Guideline 3, The BECx Process 2006 and 2012, and is convener of ISO 21105, Performance of Buildings – Building enclosure performance verification and commissioning – Programme.



J. Jay Santos, P.E.
Principal, Facility Dynamics Engineering

Jay is a principal and co-founder of Facility Dynamics Engineering. Facility Dynamics is a 30-year-old firm that focuses in commissioning and retro commissioning. They have commissioned well over three thousand projects in the past 27 years. He has overseen the commissioning of numerous large-scale complex projects. Facility Dynamics is also active in controls design, controls master planning and Fault Detection and Diagnostic software. Jay has directed the development of DDC/control master plans for numerous institutions and organizations nationally. These plans deal with procurement issues associated with DDC controls and typically include standardized approaches to system sequences, documentation and specifications.

He teaches DDC courses for the University of Wisconsin, North Carolina State, and the PGE Energy Center in San Francisco. He is a former member of the HPAC Engineering Editorial Advisory Board, ASHRAE's Professional Development and DDC Guideline Committees and currently serves on numerous ASHRAE committees for Controls and Commissioning. He also chairs the Technical Advisory Group for a DOE funded project executed by Lawrence Berkeley Labs that is developing a controls design tool for the industry.

Electronic project management: A designer's perspective



Tyson McElvain, AIA, LEED AP, CCCA
Senior Associate, Snow Kreilich Architects

With a background that ranges from concept to construction, Ty brings a passion in merging design and construction to deliver projects that are both well-conceived and well detailed. Ty has led Snow Kreilich's sustainable design initiatives and construction administration excellence across all projects. As a Director of Project Delivery, Ty is the firm's leading voice for documentation, sustainability, project specifications and construction administration. Ty also leads the studio's QA/QC process to assure integration across all disciplines.

Tyson has acted as the project architect for the LEED Gold Certified U.S. Warroad Land Port of Entry, and as the project manager for the Progressive Architect Award-winning U.S. Land Port of Entry in Van Buren, ME, also a LEED Gold certified building and Bronze Award recipient of the Holcim Awards.

From redlines to product reps, organizing information to get projects built is one of Tyson's strengths. His Certification as a Construction Contract Administrator speaks to his knowledge and commitment to shepherding projects from paper (or screen) to realization. Relationships with our consultant teams, often numbering in the half-dozen on a typical project, is one key to this success. Building consensus and keeping a diverse team on track is a critical part of delivering design projects, an aspect of our work on which Ty has focused.

Blurred boundaries: Design assist and delegated design



Mark Walsh, AIA
Principal, Technical Director, Perkins + Will

Mark has over twenty years of experience in design and construction coordination for all phases of project design and delivery, from programming and pre-design through construction contract administration. Mark's experience includes numerous project types, including higher education, K-12 education, corporate, commercial, civil, healthcare, science and technology and sports and recreation.

As Technical Director of Perkins+Will's Chicago office, Mark oversees the technical design, quality assurance/quality control and project delivery of all architectural and interior design projects delivered by that office. Mark is also the Co-Chair of the Firm Wide Technical Design Community that oversees global standards and practices, explores innovative project delivery and advances the technical excellence of the Firm. Finally, Mark is a co-founder of the Perkins+Will Innovation Incubator and has been an active member of the selection and oversight committee since the program's inception in 2007.

Immersive reality for efficient building delivery



David Fersh, AIA
Associate, SmithGroup

David Fersh is an architect and the Visualization Technology Leader for SmithGroup's national Technology in Practice Group. Based in Washington, D.C., he has worked on a variety of project types and utilizes his background in sculpture and technology to translate abstract designs into real experiences. As a technology leader, Fersh works to streamline design and documentation processes.