

**Dean Papajohn, Associate Professor of Practice
Department of Civil & Architectural Engineering and Mechanics
University of Arizona**

EDUCATION

Ph.D. – Civil Engineering, Arizona State University, 2019

Dissertation: Contract administration functions and tools for design-build and construction manager/general contractor project delivery in U.S. highway construction

M.S. – Civil Engineering, University of Illinois at Urbana-Champaign (UIUC), 2004

M.A. – English, Iowa State University, 1994

B.S. – Civil Engineering, University of Illinois at Urbana-Champaign (UIUC), 1985

ACADEMIC EXPERIENCE

Date of appointment to Associate Professor of Practice: August 2015 (full-time)

Date of appointment to Adjunct Faculty: August 2012

2009-2011, Adjunct Faculty, Pima Community College, Tucson, AZ (part-time)

1994-2005, Teaching Associate & Specialist in Education, University of Illinois, Urbana-Champaign (full-time)

NON-ACADEMIC EXPERIENCE

2005-2015, Civil Engineering Manager, Pima County Department of Transportation, Tucson, AZ

1986-1992, Project Engineer, Daniel Creaney Company, Northbrook, IL

CERTIFICATIONS AND PROFESSIONAL REGISTRATIONS

State of Arizona, Professional Engineer, License 43928

State of Illinois, Professional Engineer, License 062-046141

Design-Build Institute of America, Associate

Institute of Sustainable Infrastructure, Envision Specialist

CURRENT MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

American Society of Civil Engineers (ASCE)

Design-Build Institute of America (DBIA)

Arizona Builders Alliance (ABA)

The Beavers Heavy Engineering Construction Association, faculty member

HONORS AND AWARDS

2019, Professor of the Year Award, Civil & Architectural Engineering and Mechanics, University of Arizona

2019, Senior's Choice Professor Award, Civil & Architectural Engineering and Mechanics, University of Arizona

2018, Diversity Award, Southern Arizona Women in Transportation Seminar (WTS)

2018, Professor of the Year Award, Civil & Architectural Engineering and Mechanics, University of Arizona

2018, Senior's Choice Professor Award, Civil & Architectural Engineering and Mechanics, University of Arizona

2018, Post-Secondary Educator of the Year award, American Society of Civil Engineers-Southern Arizona

2018, Blue Chip Faculty Mentor Award, University of Arizona

2017, Outstanding Reviewer Award, ASCE Journal of Management in Engineering

2017, Professor of the Year Award, Civil Engineering & Engineering Mechanics, University of Arizona

2017, Senior's Choice Professor Award, Civil Engineering & Engineering Mechanics, University of Arizona

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2016, Professor of the Year Award, Civil Engineering & Engineering Mechanics, University of Arizona
2015, Senior's Choice Professor Award, Civil Engineering & Engineering Mechanics, University of Arizona

2015, Metropolitan Pima Alliance Common Ground Award of Distinction, Aerospace Parkway project

2015, Arizona Transportation Partnering Excellence Award, La Cholla Boulevard: Magee Road to Overton Road project

2015, International Partnering Institute Award, La Cholla Boulevard: Magee Road to Overton Road project

2015, Associated General Contractors Arizona Award, La Cholla Boulevard: Magee Road to Overton Road project

2015, Southern Arizona APWA Award, La Cholla Boulevard: Magee Road to Overton Road project

2015, PAG Timothy Ahrens Partnering Award, La Cholla Boulevard: Magee Road to Overton Road project

2008, Arizona Transportation Partnering Excellence Award, Valencia Road: Mark Road to Camino De La Tierra project

SERVICE ACTIVITIES

2018-2019, Rise Together Mentorship, mentoring program for women in Civil & Architectural Engineering and Mechanics, University of Arizona

2019 Promotion Committee for Career Track Faculty, College of Engineering

2018, Search Committee for Associate Dean of Faculty Affair, College of Engineering, University of Arizona

2018-2019, Committee member, Scholarship Committee, Civil Engineering & Engineering Mechanics, University of Arizona

2018-2019, Faculty advisor, University of Arizona Chapter of the Associated General Contractors

2017-2019, Faculty advisor for student teams for Associated Schools of Construction Region 6 competition

2017-2019, Arizona Builders Alliance, member

2016-2019, Faculty advisor, University of Arizona Chapter of the Design-Build Institute of America

2015-2019, Committee member, Undergraduate Studies Committee, Civil Engineering & Engineering Mechanics, University of Arizona

2011-2019, Member, Alumni Industry Council (AIC), Civil Engineering & Engineering Mechanics, University of Arizona

2006-2019, Editorial board member, ASCE Journal of Management in Engineering

2016-2017, Judge, Partnering Awards, International Partnering Institute (IPI)

2015, Judge, ASCE Pacific Southwest Conference (PSWC)

2016-2019, Board member, S. Arizona Construction Career Days, Arizona Transportation Builders (ATB)

2014-2018, Committee member, S. Arizona Construction Career Days, ATB

2014, 2017, Facilitator, ASCE PE Exam – Construction Management review class

PUBLICATIONS/PRESENTATIONS

1. Papajohn, D., El Asmar, M. (under review). Project influence curve and initial award performance in design-build highway projects. *Journal of Management in Engineering*.
2. Papajohn, D., El Asmar, M., Molenaar, K.R., and Alleman, D. (forthcoming). Comparing contract administration functions for alternative and traditional delivery of highway projects. *Journal of Management in Engineering*.

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3. Papajohn, D., El Asmar, M., and Molenaar, K.R. (forthcoming). Tools for highway contract administration of design-build and construction manager/general contractor. *Journal of Management in Engineering*.
4. Papajohn, D., and El Asmar, M., (in progress). Impact of alternative delivery on potential delays from request for information for highway projects.
5. Blowers, P., Kiehlbaugh, K, and Papajohn, D. (in progress). Impact of collaborative learning on student performance in Statics.
6. Molenaar, K.R., El Asmar, Papajohn, D., and Therrien, A. (forthcoming). *A guidebook for post-award contract administration for highway projects delivered using design-build delivery*, NCHRP 08-104, Transportation Research Board of the National Academies, Wash. D.C.
7. Molenaar, K.R., El Asmar, Papajohn, D., and Therrien, A. (forthcoming). *A guidebook for post-award contract administration for highway projects delivered using construction manager/general contractor delivery*, NCHRP 08-104, Transportation Research Board of the National Academies, Wash. D.C.
8. Molenaar, K.R., El Asmar, Papajohn, D., Therrien, A. and Sheeran, K. (forthcoming). *Post-award contract administration for highway projects delivered using alternative contracting methods*, NCHRP 08-104 Research Report, Transportation Research Board of the National Academies, Wash. D.C.
9. Alleman, D., Stanford, M.S., Papajohn, D., and Molenaar K.R. (Under revision). Characteristics of stipends: Achieving best value in design-build US highway construction through innovation. *Engineering, Construction and Architectural Management*.
10. Papajohn, D. Alleman, D., El Asmar, M., Molenaar, K. (2018). Exploring potential delays associated with requests for information in CM/GC highway construction, *Conference Proceedings of the Construction Research Conference*, New Orleans, LA.
11. Alleman, D., Antoine, A., Papajohn, D., and Molenaar, K. (2017). Desired versus realized benefits of alternative contracting methods on extreme value highway projects, *Conference Proceedings from Resilient Structures and Sustainable Construction*, ISEC Press.
12. Alleman, D., Papajohn, D., Gransberg, D., El Asmar, M., and Molenaar, K. (2017). Exploration of early work packaging in construction manager/general contractor highway projects. *Transportation Research Record: Journal of the Transportation Research Board*, No. 2630, DOI 10.3141/2630-09.
13. Papajohn, D., Brinker, C., and El Asmar, M. (2016). Metaframework for assessment of sustainability ratings for buildings and infrastructure. *Journal of Management in Engineering*, 10.1061/(ASCE)ME.194-5479.0000478, 4016026.
14. Papajohn, D., El Asmar, M., and Brinker, C. (2016). Uncovering key criteria to assess sustainability rating systems for the built environment. *Conference Proceedings of the Construction Research Conference*, San Juan, Puerto Rico.
15. Papajohn, D., Cui, Q., and Bayraktar, M.E. (2011). Public private partnerships in U.S. transportation: A research overview and path forward. *Journal of Management in Engineering*. Jul 2011, Vol. 27, No. 3, pp. 126-135.

RECENT PROFESSIONAL DEVELOPMENT ACTIVITIES

Mar. 27, 2019, Oracle Primavera Practice in the Classroom, Webinar, John Buttelwerth

Feb. 7, 2019, Associated Schools of Construction, Faculty Workshops, Reno, NV

Oct. 17, 2018, Better Retention Through Simple Asset-Based Teaching, Paul Blowers, University of Arizona

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April 2018, Design for Learning: Making Courses and Class Session More Productive, Tom Angelo, at the University of Arizona

Feb. 8, 2018, Associated Schools of Construction, Faculty Workshops, Reno, NV

Dec. 2017, Using Research to Improve University Science Teaching, Carl Wieman, at the University of Arizona

Dec. 7, 2017, Flipping the Classroom and Other Techniques to Improve Teaching, Inside Higher Ed webinar.

Nov. 2017, Quality Matters Certification, Independent Applying the QM Rubric (APPQMR)

Nov. 2017, Club Advisor Training, University of Arizona

2017, Engineering Faculty Learning Circle, University of Arizona

June 2017, Building a Stronger Curriculum with Kiewit, Kiewit Corporation

2015-2016, College of Engineering Faculty Orientation, University of Arizona

Sept. 2016, Introduction to the Responsible Conduct of Research, University of Arizona

June 2016, Construction Research Conference, San Juan, Puerto Rico

Spring 2016, CON551 Alternative Project Delivery Methods, Arizona State University

Fall 2015, Effective Teaching Practices, 5 modules in 5 weeks, Association of College and University Educators (ACUE)

Oct. 2015, Making the Most of Faculty Mentoring workshop, University of Arizona

Oct. 2015, New Faculty Proposal Preparation workshop, College of Engineering, University of Arizona

Sept. 2015, Publish, Not Perish workshop, University of Arizona

Sept. 2015, Resources to Support Your Research workshop, University of Arizona

Aug. 2015, How Can I Use the D2L Gradebook Effectively? Workshop, Office of Instructional Assessment, University of Arizona

Aug. 2015, Faculty Orientation, University of Arizona

Aug. 2015, Design-Build Educators Workshop Scholarship, Design-Build Institute of America, Denver, CO

April 2011-2017, Arizona Roads & Streets Conference, Tucson, AZ