

**Dean Papajohn, 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 Professor of Practice: August 2020 (full-time)

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 Sustainability Professional

**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

Tau Beta Pi

**HONORS AND AWARDS**

2021, DBIA Faculty Leadership Award, Design-Build Institute of America

2021, Senior's Choice Professor Award, Civil & Architectural Engineering and Mechanics, University of Arizona

2020, Outstanding Reviewer Award, ASCE Journal of Management in Engineering

2020, Tau Beta Pi McDonald Mentor Award

2020, Professor of the Year Award, Civil & Architectural Engineering and Mechanics, University of Arizona

2020, Senior's Choice Professor Award, Civil & Architectural Engineering and Mechanics, University of Arizona

2019, Outstanding Reviewer Award, ASCE Journal of Management in Engineering

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

**Dean Papajohn, Professor of Practice**  
**Department of 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

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**

2021-22, Facilitate curriculum update for Civil & Architectural Engineering and Mechanics lab curriculum

2021, Coordinator, Summer Engineering Academy Civil Engineering, College of Engineering, University of Arizona

2020-2021, Committee member, Student Lounge Renovation, Civil & Architectural Engineering and Engineering Mechanics, University of Arizona

2021, Committee member, Faculty Search Committee, Civil & Architectural Engineering and Engineering Mechanics, University of Arizona

2021, Committee member, Faculty Search Committee, Mining and Geological Engineering, University of Arizona

2020, Committee member, Academic Program Coordinator Search Committee, Civil & Architectural Engineering and Engineering Mechanics, University of Arizona

2020, Committee member, Faculty Search Committee, Civil & Architectural Engineering and Engineering Mechanics, University of Arizona

2019-2021, Committee member, Undergraduate Outreach Committee, Civil & Architectural Engineering and Engineering Mechanics, University of Arizona

2018-2021, 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

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

2018, Search Committee for Associate Dean of Faculty Affairs, College of Engineering, University of Arizona  
2018-2020, Committee member, Scholarship Committee, Civil & Architectural Engineering and Engineering Mechanics, University of Arizona  
2018-2021, Faculty advisor, University of Arizona Chapter of the Associated General Contractors  
2017-2021, Faculty advisor for student teams for Associated Schools of Construction Region 6 competition  
2017-2021, Arizona Builders Alliance, member  
2016-2021, Faculty advisor, University of Arizona Chapter of the Design-Build Institute of America  
2015-2021, Committee member, Undergraduate Studies Committee, Civil & Architectural Engineering and Engineering Mechanics, University of Arizona  
2011-2021, Member, Alumni Industry Council (AIC), Civil & Architectural Engineering and Mechanics, University of Arizona  
2006-2021, 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)  
2016-2021, Board member, S. Arizona Construction Career Days, Arizona Transportation Builders (ATB)  
2014-2021, Committee member, S. Arizona Construction Career Days, ATB  
2014, 2017, Facilitator, ASCE PE Exam – Construction Management review class

**PUBLICATIONS/PRESENTATIONS**

1. Papajohn, D., and El Asmar, M., (2021). Impact of alternative delivery on potential delays from request for information for highway projects. *Journal of Management in Engineering*, 10.1061/(ASCE)ME.1943-5479.0000866.
2. Molenaar, K.R., El Asmar, Papajohn, D., and Therrien, A. (2020). *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.
3. Molenaar, K.R., El Asmar, Papajohn, D., and Therrien, A. (2020). *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.
4. Molenaar, K.R., El Asmar, Papajohn, D., Therrien, A. and Sheeran, K. (2020). *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.
5. Alleman, D., Stanford, M.S., Papajohn, D., Jobidon, G. and Molenaar K.R. (2020). Characteristics of stipends and their value-adding potential in design-build US highway construction. *Journal of Legal Affairs and Dispute Resolution in Engineering and Construction*, 10.1061/(ASCE)LA.1943-4170.0000388.
6. Papajohn, D. and El Asmar, M. (2020). Percent base design and initial award performance in design-build highway projects. *Journal of Management in Engineering*, 10.1061/(ASCE)ME.1943-5479.0000759.
7. Papajohn, D., El Asmar, M., Molenaar, K.R., and Alleman, D. (2019). Comparing contract administration functions for alternative and traditional delivery of highway projects. *Journal of Management in Engineering*, 10.1061/(ASCE)ME.1943-5479.0000727.
8. Papajohn, D., El Asmar, M., and Molenaar, K.R. (2019). Tools for highway contract administration of design-build and construction manager/general contractor. *Journal of Management in Engineering*, 10.1061/(ASCE)ME.1943-5479.0000718.

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

9. 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 Congress*, New Orleans, LA.
10. 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.
11. 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.
12. 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.1943-5479.0000478.
13. 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.
14. 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**

- Spring 2022, Engineering Faculty Learning Community, University of Arizona  
Jan. 5 and 7, 2022, Student Engagement Educator Workshop, University of Arizona, Office of Instruction and Assessment  
Nov. 15, 2021, Career Champions series, Creating Career Development Experiences, University of Arizona  
Oct. 29, 2021, Career Champions: Creating Career Development Experiences for Students, University of Arizona  
Oct. 15, 2021, Career Champions: Career Readiness Foundations, University of Arizona  
Summer 2021, Engineering Faculty Learning Community, University of Arizona  
July 22, 2021, Stacking the Deck with Modular Construction, Gannett Fleming  
May 10, 2021, Accelerating Sustainable, Resilient Infrastructure and How to Measure Success, American Society of Civil Engineer webinar with Tom Smith (ASCE), Anthony Kane (ISI), Michael Munich (Madison Metropolitan Sewerage District), Samantha Medlock (Senior Counsel House Select Committee on the Climate Crisis)  
Apr. 20, 2021, Student Success Conference, University of Arizona  
Mar. 25, 2021, Moving the Transportation Profession Forward: A Panel Conversation for Women's History Month, Kittelson & Associates webinar  
Feb. 4, 2021, Civic Engagement and Service Learning Across the Disciplines, Victoria Soto (UT Austin) and Seth Pollack (CSU-Monterey Bay), UA Center for University Education Scholarship  
Feb. 3, 2021, How the Pandemic Made Me a Better Educator, Amy Bernstein and Francesca Gino, Harvard  
Jan. 6-8, 2021 Master Class on Effective Teaching (12 hours), American Society for Engineering Education  
2020, Sustainable Infrastructure and the Role of Envision, Institute of Sustainable Infrastructure  
2020, Lessons Learned from Envision v2, Institute of Sustainable Infrastructure  
2020, Remote pilot certificate  
May 17, 2020, Foundations in Lean Construction, Certificate of completion from Associated General Contractors  
April 9, 2020, University of Arizona Panel Discussion: Adaptation and Best Practices for On-line Teaching, Andrea Romero, Vice Provost for Faculty Affairs  
Mar. 2020, Construction Research Congress 2020, Session Chair on Infrastructure Systems & Sustainability

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

Mar. 2020, University of Arizona Office of Instruction and Assessment, webinars on instructional technologies with Zoom, Panapto, and Assessment

Feb. 6, 2020, Associated Schools of Construction, Faculty Workshops, Reno, NV

Jan. 29, 2020, Envision Platinum-Two Large Scale Wastewater Infrastructure Projects, Institute of Sustainable Infrastructure

Jan. 14, 2020, Ship Canal Water Quality Project, Institute of Sustainable Infrastructure

Dec. 2019, Envision V3 Training Modules, Institute of Sustainable Infrastructure

Dec. 18, 2019, Strengthening NYC DEP's Sustainability through Programmatic Application of Envision, Institute of Sustainable Infrastructure

Dec. 4, 2019, Envision the Westminster Way, Institute of Sustainable Infrastructure

Sept. 2019– May 2020, UA Learning Initiative Faculty Learning Community

Sept. 6, 2019, Teaching Distracted Minds, UA Faculty Workshop, James Lang

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

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

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