

University of Arizona
Construction Engineering Management
Connecting industry and students
Fall 2024 Update



Industry partnerships bring vitality to UA Construction Engineering Management (CEM). The photo above shows a site visit to the Arizona Public Media Facility with DPR and Martin, White, & Griffis. CEM Fall highlights include:

- Donations to the CEM Endowment and program, & Construction Team donors,
- Beavers scholarship recipients,
- 2024 National DBIA Student Competition,
- AGC and DBIA chapters & Industry speakers for CE483

Donations to the CEM Endowment

This year Kiewit joined our group of corporate sponsors with a \$5,000 annual donation. The CEM Endowment helps bring long-term stability to the CEM program. Kiewit is also involved with guest presentations, mentoring, and recruitment. We are grateful for Kiewit's investment in the next generation of UA construction engineers.



Thanks to all our corporate program partners

**Borderland * Granite * Hensel Phelps * KE&G * Sundt
Kiewit * Whiting Turner * Gervasio and Associates
Henry George Mackintosh Foundation * the Beavers**



Donations to our UA Student Construction Teams

UA construction students compete in the national Design-Build Institute of America competition and the Associated Schools of Construction (ASC) Region 6&7 competition in Reno, NV. Generous donations from our industry partners and alumni allow our student teams to travel to these conferences. The **Heavy Civil Team** and the **Commercial Building Team** will be traveling to Reno in February 2025.

Thanks to our Construction team sponsors

**Alta * CalPortland * Chasse * CORE * DPR
Ellison-Mills * Kraemer * Lloyd * M3 * McCarthy
RLB * Tofel Dent * Spencer Brown**

And thanks to our individual donors to CEM

**Barry Abbott, Dave & Dede Areghini, Becki Nelson,
Mike Hoover & Marie Torres, Travis & Shannon McCarthy,
Sal Caccavale, Phil Hall, Matthew McDole,
Dorothy Chavez-Dolan, Dean Papajohn**

UA Students Receive \$10,000 Beavers Scholarship

This is the second year that two UA construction students were selected for the national Beavers scholarship, **Keegan Kyrolainen** and **John Conron**. During their freshman year, Keegan's and John's interest in heavy construction was sparked through the UA Beavers Internship program. They joined a cohort of students in a construction internship preparation seminar and the summer after their freshmen year they started internships with **Granite** and **Sundt**, where they have interned for two summers. Keegan has worked in the field in southern Arizona on airport and highway projects and in the office doing quantity takeoff. John spent one summer in Tempe doing quantity takeoff and one summer in Texas working on a highway project. These experiences have deepened their interest in heavy construction. This year Keegan is the co-captain of the UA Heavy Civil team and John is a member of the UA Heavy Civil team.



Additionally, **Sophia Della Croce** and **Josh Martinez** each received the \$3,800 UA Beavers scholarship. Sophia has been involved in the UA Beavers Internship program since her freshman year and has interned for 3 years with **PCL**, where she will be starting full-time after graduation in May. Josh has interned with **Barnard** and **Smyth**.



2024 UA Design-Build Team Earns First Place Nationally

Lauren Johnson (junior in architectural engineering, Reuel Florendo (junior in civil engineering), Macie Balkan (senior in civil/construction engineering), Kenadee Carruthers (senior in civil engineering), and Lily Trenkamp (junior in architectural engineering) came together to form UA's winning design build team. This team took on the challenge of preparing an SOQ, proposal, and presentation for a \$100M airport terminal. The strong relationships the team built came through in their work and the judges at the Design-Build Institute of America (DBIA) Conference in Dallas were impressed with the team's professionalism and preparation. So much so, that Lauren was also recognized with the Best Individual Presenter Award. The UA team is featured in this [article](#) from DBIA.



Associated General Contractors and Design-Build Institute of America Chapters

Our UA students held regular chapter meetings with a great line up of industry speakers. The clubs also organized a social event at a Diamond Back's game and volunteered at Southern Arizona Construction Career Days in October, at the Arizona Transportation Builders Dinner and Auction in November, and at the Arizona Builder's Alliance Work Day in December.



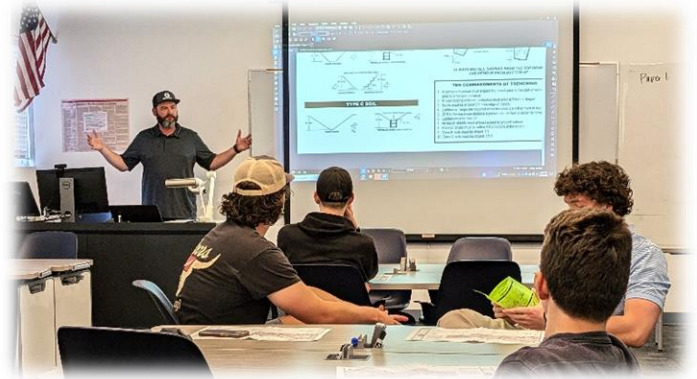
- **Whiting Turner:** Mark Franko and Drake Prowse presented on the Maravilla Senior Living project.
- **Hensel Phelps:** Alina Vo and Gabby Acosta presented on the Paradise Valley and the Mosaic Quarter projects.
- **GLHN, M3, McCarthy, and Tofel Dent:** participated in the rapid resume review.
- **DPR & Swaim:** Shashikala Sriram, Shiann Claridge, and Laura Vertes presented on design-build collaboration for the AZPM project.
- **Lloyd:** Brad Lloyd, Paul Pena, Ed Cochran, Dennis Manley, and Grant Hornung presented on the Pima County Northwest Services Building.
- **TAKE 5 Lunches:** with Zona, Hensel Phelps, Kiewit, and HDR.



Industry speakers in CE483

We are grateful for the many industry speakers in *CE483 Construction Cost Estimating* who provided real world context and relevancy which is highly motivating for our construction students.

- **DPR:** Jake Parduhn and Shiann Claridge presented on interpreting MEP plans.
- **Hensel Phelps:** Gabe Mitchell and Cameron Baird presented on concrete estimating.
- **BnBuilders:** Travis Shollin presented on RFIs & schedules, and their cost implications.
- **Kiewit:** Mike Carrell, Charlie Mack, and Denise Renteria presented a hands-on workshop with InEight estimating software.
- **RLB:** Josh Marks and Levi Naas presented on markups and contingencies.
- **JB Steel:** Chris DeYoung presented on steel estimating.
- **Granite:** Paul Preston presented on trenching and underground utilities.



Thank you

This year I was honored to be named by the UA College of Engineering as a Craig M. Berge Faculty Fellow in recognition of teaching excellence. With this award comes an annual amount of \$8,000 for three years which I will be directing toward the CEM Endowment. I am grateful to work with supportive colleagues, motivated students, and generous alumni.

The activities you read about in this update and many more are made possible by your generous donations and participation. We are grateful for your partnership.

Sincerely,

Dean Papajohn

Dean Papajohn, PE, PhD, ENV SP, DBIA Assoc.
Professor of Practice
Civil & Architectural Engineering and Mechanics
January 9, 2025

Giving

You can give online at [Give Today](#) or checks can be written to the UA Foundation and sent to:

Dean Papajohn, UA Civil Engineering Bldg., 1209 E. 2nd St., Tucson, AZ 85721

Please designate your gift for either

- **CAEM Construction Engineering Management (CEM) Endowed Fund** (for building a sustainable funding source for CEM) or
- **CAEM Construction Engineering Management (CEM) General Fund** (for current operating expenses).

Automatic monthly or one-time gifts can be set up. Thank you.

