Connecting industry and students

Construction Engineering Management (CEM) at the University of Arizona continues to gain momentum with the support of dedicated industry partners and alumni. The photos above show construction site visits with Sundt, Hunter, and Granite. This spring Whiting-Turner joined others with a multiyear corporate commitment to financially support the CEM Endowment. CEM graduates are entering a strong job market. Read more about these and other CEM highlights below. Your generosity matters and helps CEM train the next generation of construction engineers.

Spring highlights include:

- Construction student profiles,
- Donations to the CEM Endowment,
- 2022 donations to the CEM,
- UA Chapters for AGC and DBIA
- Beavers heavy construction site visit,
- Industry speakers and construction site visits.

Meet our construction students

Miguel Martinez
UA Civil Engineering (BS May 2022)

Miguel has been working with Granite Construction for the past two years, while he has been completing his civil engineering degree with an emphasis in construction. Miguel was co-captain of the heavy civil team this year and the only team member who had previous experience competing at the Associated Schools of Construction (ASC) Region 6 & 7 competition. For his commitment to the heavy civil industry, Miguel was awarded the Beavers UA Heavy Construction Scholarship. After graduation, Miguel is joining Granite Construction full-time, where his father has worked nearly 20 years.
Andrea Flores Denogean  
**UA Civil Engineering (BS May 2022)**

Andrea is the third member of her family to graduate in civil engineering at the University of Arizona with an emphasis in construction. She has been active on our UA design-build teams and this year she was the co-captain of the commercial building team for the Associated Schools of Construction (ASC) Region 6 & 7 competition. Andrea has also served as the Marketing Officer of the American Society of Civil Engineers with responsibility for coordinating the annual career fair. Andrea has interned for Sundt and Core and will be joining Hensel Phelps full-time after graduation.

**Donations to the CEM Endowment**

This year Whiting-Turner has joined other corporate and individual supporters in contributing to the CEM Endowment. Construction Project Manager Eduardo Araiza shared, “UA CEM provides a dynamic teaching environment, full of real-world projects and examples, backed with field visits that help visualize what is being taught in class.” Please consider joining us in building up the CEM Endowment which is intended to be a sustainable funding source for CEM.

Thanks to this year’s corporate program partners

**Alta** * **BFL** * **Borderland** * **CalPortland** * **CASC**  
**Concord** * **Core** * **DPR** * **Gervasio and Associates**  
**Henry George Mackintosh Foundation**  
**Hensel Phelps** * **Holder** * **Kappcon** * **KE&G** * **Kitchell**  
**Kittle** * **M3** * **McCarthy** * **RLB** * **Sundt** * **Whiting-Turner**

Thanks to this year’s individual donors to CEM

**Travis & Shannon McCarthy, Matthew McDole**  
**Mike & Becki Nelson, Dean Papajohn**
UA Chapters for AGC and DBIA

Throughout the year, students networked with industry professionals at TAKE 5 lunches with Hensel Phelps, Kiewit, McCarthy, Kitchell, DPR, and Climatec.

Joint chapter meetings were held throughout the year. Industry speakers provided insight into industry topics and unique projects.

- Jake Parduhn (DPR) – Preparing a DB proposal for the UA Andrew Weil Center
- Jake Speck (Kiewit) – Building the South Central / Downtown Hub Light Rail extension
- Alina Vo, Rueben Olivas, & Robert Verdugo (Hensel Phelps) – Building construction
- Mike Gonzalez (McCarthy) – Preparing a DB proposal for the UA Applied Research Building
- Chase Farnsworth & Chase Gibbs (Mortenson) – Cross laminated timber construction for the Beam on Farmer
- Chris Albright (KE&G) – Leading a construction company
- Dan Elmer (JB Steel), Rene Aguirre (Wilson Electric), Susan Hoblit (Tucson Carpet) – Trade partner panel
- AJ Jeffers (Hensel Phelps) – Preparing a DB proposal
- Ian McDowel (Sundt) – What to expect in the construction industry
- Eduardo Araiza, Octavio Montoya, Taylor Pallan (Whiting-Turner) – Ferguson warehouse

Big thank yous to Arizona Builders Alliance for being our AGC chapter sponsor and to DBIA Western Pacific Region for being our DBIA chapter sponsor.
Beavers Heavy Construction Site Visit
This spring students from UA, NAU and ASU participated in the Beavers heavy construction site visit of the South Central / Downtown Hub Light Rail extension being built by Kiewit. Students learned about the site logistics of working in a congested downtown area. We also saw extensive utility relocations and the use of roller compacted concrete for bridge pier protection. The Beavers is a philanthropic organization dedicated to promoting heavy construction. This year the Beavers-UA Scholarship Endowment awarded two $4,000 scholarships to UA seniors Justin Davidson and Miguel Martinez.

Industry Speakers & Construction Site Visits
This spring our industry speakers brought the world of construction to life for our students.

- Mike Lee and Jonathan Johnson (McCarthy) – Site visit of the UA Applied Research Building
- Javier De Echavarri (ADOSH) – Construction safety
- Ian McDowell (Sundt) – RFIs
- Naresh Samtani (NCS Georesources) – Geotech for construction managers
- Austin Atteberry & Merideth Alarcio-Calron (Granite) – Site visit of Downtown Links
- Bob Martinez and the Granite team (Granite) – Quantity takeoff, Bluebeam, cost estimating, and mock bid
- Adam Sedgeman & Marvin Murphy (Hunter) – Site visit of Vista Del Oro subdivision
- Mike Lee (McCarthy) – The design-build process
- Ryan Byers, Francesca Ryan, and Ricky Krah (Holder) – Site logistics
- Tom Bersbach, Hudson Cox, and Brandon Martin (Sundt) – Site visit of the UA Chemistry Building
• Eric Cylwik (Sundt) – Virtual design and construction
• Rick Hook & Brent Bonenburger (Kitchell) – Site visit of the UA Grand Challenges Building
• Ron Stuff (Sundt) – Contracts and subcontracts
• Taylor Fulkerson (DPR) – Quality management
• Gray Major (KE&G) – Project tracking and control
• Chase Farnsworth & Ben Spencer (Mortenson) – Lean construction and pull planning

Thank you
On a personal note, I am honored to be recognized this spring with a teaching excellence award from the UA College of Engineering and the Gerald J. Swanson Teaching Excellence Prize from the UA Provost’s office. This recognition is due in large part to the strong industry and alumni support we have for CEM. Your involvement and gifts are making an impact on students and the construction industry. Thank you for your partnership.

Sincerely,

Dean Papajohn

Dean Papajohn, PE, PhD, ENV SP, Assoc. DBIA
Professor of Practice
Civil & Architectural Engineering and Mechanics
May 15, 2022

Giving
You can give online at Give Today or checks can be written to the UA Foundation and sent to: Johanne Ives, Aero & Mech Engineering Building, N515, Tucson, AZ 85721
Please designate your gift for either
• CAEM Construction Engineering Management (CEM) General Fund (for current operating expenses) or
• CAEM Construction Engineering Management (CEM) Endowed Fund (for building a sustainable funding source for CEM).
Automatic monthly or one time gifts can be set up. Thank you!