



COLLEGE OF ENGINEERING

Civil & Architectural
Engineering & Mechanics

The Department of Civil and Architectural Engineering and Mechanics (CAEM) at the University of Arizona invites applications for a career-track (non-tenured) faculty position at the Assistant, Associate or Full professor of practice level in Architectural Engineering. This position is part of the third year in a multi-year hiring process associated with planned growth in the Civil and Architectural Engineering programs, and are aligned with the Building a Changing World vision as a pillar within the University's Strategic Plan. A description for each of the specific areas follow:

Architectural Engineering. With this hire, we seek to hire a career-track professor of practice in the area of Architectural Engineering. The B.S. degree in Architectural Engineering has four track offerings in the areas of construction engineering management, mechanical systems, power systems/lighting, and structures with a growing, integrated emphasis in Building Sciences. Future development of graduate program(s) in Architectural Engineering is expected. The successful candidate is expected to strengthen educational opportunities in one, or more, of the four existing track areas and/or expand the curriculum through offerings in new, synergistic areas. The successful candidate will also perform additional activities to further the Architectural Engineering program that may include, but are not limited to, coordinating student club and competition activities, growing industrial ties, fundraising, undergraduate recruiting, academic advising, and graduate placement activities. (Apply to <https://talent.arizona.edu> [posting #: req12851; [direct link](#)])

Duties and Responsibilities: The successful candidate is expected to provide excellence in undergraduate and graduate teaching and education; contribute to mentoring students, including those from underrepresented backgrounds; and assist in the growth of a relatively new undergraduate program. Teaching activities are expected to include five courses per year and span across core and advanced engineering courses. The successful candidate will also be expected to contribute in meaningful ways to the interdisciplinary educational activities that complement and are synergistic within the University's Strategic Plan.

Qualifications: A Ph.D. degree, or M.S. degree and five years of experience, in the specified, or closely related, discipline is required. Licensure as a Professional Engineer (or equivalent licensure) is preferred. Candidates will be evaluated based on their alignment within the posted areas of interest and on their academic and/or professional credentials, their record of research, teaching and scholarly activities and potential for making contributions in teaching and service to the program. Candidates for the Associate or Full Professor of Practice rank must have a distinguished academic record and/or professional experience with demonstrated impact on the profession. The selected candidate may be required to provide higher education credentials during the offer discussions.

Proposed Start Date: August 14, 2023 or as negotiated.

To Apply: Please submit a cover letter that highlights practical experience to demonstrate depth and breadth of knowledge; a curriculum vita that includes a list of recent publications, and a list of four references with address, email and phone contact information; a detailed statement of

teaching interests and philosophy (3 page maximum); and a vision statement on how the applicant will seek to develop and grow a young Architectural Engineering program (2 page maximum). The application should also include a one-page diversity, equity, and inclusion statement on how the applicant's scholarship, teaching and service specifically address issues of race, social justice, and inclusive excellence in Architectural Engineering.

For full consideration, candidates are encouraged to submit all application material electronically to the University of Arizona's on-line application system at <http://talent.arizona.edu> (Position Posting Numbers above). Review of applications will begin on January 17, 2023, however, applications will be accepted until the position is filled.

For questions about the positions, please contact Dr. Dominic Boccelli, Professor and Department Head (dboccelli@arizona.edu).

EEO/AA: At the University of Arizona, we value our inclusive climate because we know that diversity in experiences and perspectives is vital to advancing innovation, critical thinking, solving complex problems, and creating an inclusive academic community. As a Hispanic-serving institution, we translate these values into action by seeking individuals who have experience and expertise working with diverse students, colleagues, and constituencies. Because we seek a workforce with a wide range of perspectives and experiences, we provide equal employment opportunities to applicants and employees without regard to race, color, religion, sex, national origin, age, disability, veteran status, sexual orientation, gender identity, or genetic information. As an Employer of National Service, we also welcome alumni of AmeriCorps, Peace Corps, and other national service programs and others who will help us advance our Inclusive Excellence initiative aimed at creating a university that values student, staff and faculty engagement in addressing issues of diversity and inclusiveness.



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The Department of Civil and Architectural Engineering and Mechanics (CAEM) at the University of Arizona invites applications for a tenured/tenure-track faculty position at the Assistant or Associate professor level in the area of Transportation Engineering. This position is part of the third year in a multi-year hiring process associated with planned growth in the Civil and Architectural Engineering programs, and are aligned with the Building a Changing World vision as a pillar within the University's Strategic Plan. A description for each of the specific areas follow:

Transportation Engineering. With this hire, we seek to hire a tenured/tenure-track faculty member with one or more research interests in the following areas that include, but are not limited to, transportation demand management; behavioral economics; travel behavior; accessibility; equity; smart communities; transportation network and fleet resilience; and multi-modal transportation planning, from an individual behavior level to a network-level scale. The successful candidate will be expected to complement existing departmental research in the field of transportation that supports the sustainable, climate-conscious design of transportation systems and integrates computational and physical systems for multi-disciplinary engineering design and operations. The successful candidate will be expected to collaborate and maintain connections across campus, with other universities, and across industry partners. These collaborations will be expected through the Center for Applied Transportation Sciences (CATS) within the CAEM Department, and housed in the College of Engineering. CATS has several established public agency connections and members, including the City of Tucson, the City of Phoenix, Pima County, and the Arizona Department of Transportation. Successful candidates will also be committed to teaching a broad selection of undergraduate and graduate courses in transportation engineering. (Apply to <https://talent.arizona.edu> [posting #: req12818; [direct link](#)])

Duties and Responsibilities: The successful candidate is expected to develop and maintain an internationally-recognized, externally-funded research program; provide excellence in undergraduate and graduate teaching and education; contribute to mentoring students, including those from underrepresented backgrounds; and contribute to scholarly activities performed within academic communities across the university. The successful candidate will also be expected to contribute in meaningful ways to interdisciplinary research and educational activities that complement and are synergistic within the University's Strategic Plan.

Qualifications: A Ph.D. degree in the specified, or closely related, discipline is required. Candidates will be evaluated based on their alignment within the posted areas of interest and on their academic credentials, their record of research, teaching and scholarly activities and potential for success in developing a funded research program and making contributions in research, teaching and service to the field. Candidates for the Associate or Full Professor rank must have a distinguished record of published research, demonstrated impact on the profession and success at securing funding to support a research program. The selected candidate may be required to provide higher education credentials during the offer discussions.

Proposed Start Date: August 14, 2023 or as negotiated.

To Apply: Please submit a cover letter; a curriculum vita that includes a list of recent publications, and a list of four references with address, email and phone contact information; and a detailed statement of research interests (3 page maximum) and teaching interests and philosophy (2 page maximum). The application should also include a one-page diversity, equity, and inclusion statement on how the applicant's scholarship, teaching and service specifically address issues of race, social justice, and inclusive excellence in Civil Engineering.

For full consideration, candidates are encouraged to submit all application material electronically to the University of Arizona's on-line application system at <http://talent.arizona.edu> (Position Posting Numbers above). Review of applications will begin on January 17, 2023, however, applications will be accepted until the position is filled.

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