

**Assistant Professor of Urban Infrastructures – School of Arts, Media and Engineering  
Herberger Institute for Design and the Arts at Arizona State University**

The School of Arts, Media, Engineering (AME, <http://ame.asu.edu>) and the School for Computing, Informatics and Decision Systems Engineering at Arizona State University are seeking outstanding candidates for a joint tenure-track position beginning in Fall 2018 in the area of urban computing and infrastructures. Ideal candidates will have experience in developing platforms, architectures, and algorithms for urban environments, as well as studying the cultural, economic, and societal impacts of intelligent infrastructure. We seek candidates to become leaders in an area bridging AME's strengths in experiential systems and techno-cultural studies with the design of sociotechnical systems and infrastructure at the scale of cities.

The tenure home is expected to be in the School of Arts, Media and Engineering, but other considerations can be made depending upon the applicant's qualifications. Based on specific candidate profiles, we expect the candidate will be jointly appointed in one of the programs in the Fulton Schools of Engineering, most likely Computing, Informatics and Decision Systems Engineering (CIDSE), or possibly Sustainable Engineering and the Built Environment (SEBE), or Engineering of Matter, Transport, and Energy (SEMTE). We are particularly interested in candidates interested in fostering inter-disciplinary scholarly collaboration: including but not limited to engineering, science, health, arts, and/or humanities.

Arizona State University is a new model for American higher education, an unprecedented combination of academic excellence, entrepreneurial energy and broad access. This New American University is a single, unified institution comprising four differentiated campuses positively impacting the economic, social, cultural and environmental health of the communities it serves. Its research is inspired by real world application blurring the boundaries that traditionally separate academic disciplines. ASU serves more than 80,000 students in metropolitan Phoenix, Arizona, the nation's fifth largest city. ASU champions intellectual and cultural diversity, and welcomes students from all fifty states and more than one hundred nations across the globe.

ASU's Herberger Institute for Design and the Arts, the largest comprehensive design and arts school in the nation, is a vibrant example of the of the New American University philosophy. With nearly 5,000 students, more than 400 faculty and faculty associates, 135 degree options and a tradition of top-ranked programs, the Herberger Institute is built on a combination of disciplines unlike any other program in the nation. The institute includes the School of Art, School of Arts, Media and Engineering, The Design School, School of Film, Dance and Theatre, School of Music, and the ASU Art Museum. Through recognizing that design and the arts are critical resources for transforming society and solving complex problems, ASU's Herberger Institute is committed to positioning artists, scholars, designers, and educators at the center of public life. [herbergerinstitute.asu.edu](http://herbergerinstitute.asu.edu)

The School of Arts, Media and Engineering is a leading transdisciplinary program in media arts and sciences. The appointee's efforts will merge with efforts of other faculty for the achievement of significant advancements in experiential media and more broadly the relation between culture and computing. The appointee is expected to further existing research connections between the School of Arts, Media and Engineering in areas of common interest related to the appointee's interests and strengths.

The School of Arts, Media and Engineering offers a PhD in media arts and sciences, an undergraduate degree in Digital Culture (<http://digitalculture.asu.edu>) with concentrations spanning the arts, design, sciences and engineering.

**Required Qualifications:**

PhD in Computer Engineering, Environmental Engineering, Architecture, Urban Planning, Civil Engineering, Industrial Engineering, or some closely related field, with a specialization in smart cities, urban computing, or intelligent infrastructures. Some teaching experience at undergraduate or Masters levels. Demonstrated ability to define, lead, and find support for PhD research.

**Desired Qualifications:** Demonstrated success in one or more of the following areas: Ability to communicate technical ideas to non-specialized audiences. Ability and willingness to collaborate on applications with wide social impact, but attentive to socio-cultural and historical contexts. Ability to mentor graduate students or advanced undergraduates in research projects. Willingness to engage in engineering research that can leverage and deepen collaborations with design, architecture, arts and the humanities.

**Instructions to Apply:** Send a letter of interest, CV, statement of research, statement of teaching vision (consistent with the transdisciplinary nature at AME), three to five representative publications and/or media products, and names, addresses, and telephone numbers for three to five professional references to: <http://apply.interfolio.com/47314>. Please note that if a URL is provided, the site must include only the above requested documents in order for the application packet to meet the requirements. For more information, please email: [edfinn@asu.edu](mailto:edfinn@asu.edu) .

**Application Deadline:** The application deadline is January 26th, 2018; if not filled, every week thereafter until search is closed. Screening of candidates will begin immediately; for best consideration, application materials should be provided by 01/26/2018.

For information about the School of Arts, Media and Engineering, visit <https://artsmediaengineering.asu.edu/>

ASU conducts pre-employment screening for all positions, which includes a criminal background check, verification of work history, academic credentials, licenses and certifications.

Arizona State University is a VEVRAA Federal Contractor and an Equal Opportunity/Affirmative Action Employer. All qualified applicants will be considered without regard to race, color, sex, religion, national origin, disability, protected veteran status, or any other basis protected by law. See ASU's complete non-discrimination statement at [asu.edu/aad/manuals/acd/acd401.html](http://asu.edu/aad/manuals/acd/acd401.html). See ASU's Title IX policy at [asu.edu/titleIX](http://asu.edu/titleIX)