Assistant Professor, Tangible Media and Active Materials Design
School of Arts, Media + Engineering
Herberger Institute for Design and the Arts at Arizona State University

The School of Arts, Media and Engineering (ame.asu.edu) in the Herberger Institute for Design and the Arts at Arizona State University invites applicants for a full-time tenure-track appointment at the assistant professor level beginning Fall 2016. The successful candidate will take a leadership role in the design and the critical, cultural, or conceptual studies of tangible media, active materials and analog-computational media, and contribute significantly to the development of the education and research mission of the School.

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.

The Herberger Institute for Design and the Arts, the largest comprehensive design and arts school in the nation, is a vibrant example of the New American University philosophy. With 4,700 students, more than 400 faculty and faculty associates, 135 degrees 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, The School of Arts, Media + Engineering, The Design School, The School of Film, Dance and Theatre, The 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, the Herberger Institute is committed to positioning artists, scholars, designers, and educators at the center of public life. http://herbergerinstitute.asu.edu/

The School of Arts, Media and Engineering is a uniquely transdisciplinary program in media arts and sciences. The appointee will be supported to collaborate with other faculty in significantly advancing 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 and the Fulton Schools of Engineering in areas of common interest related to the appointee’s interests and strengths.

The School of Arts, Media and Engineering offers a PhD and a Masters in media arts and sciences, an undergraduate BA in Digital Culture (http://digitalculture.asu.edu) with concentrations in nine collaborating units spanning the arts, design, sciences and engineering. The successful candidate is expected to be involved in the development of new undergraduate and graduate curriculum in Digital Culture, and further develop our connections to the public and private sector. The school has state-of-the-art facilities for the development of embodied interactive media systems with focus on rehabilitation,
education, cultural networks and enactive art. AME faculty can access significant federal, private foundation and industry support along with clinical, education and cultural partnerships to develop and deploy these systems.

Faculty at the School of Arts, Media and Engineering direct two paradigm-shifting centers of research: the Center for Science and the Imagination (http://csi.asu.edu), and Synthesis (http://synthesis.ame.asu.edu).

Required Qualifications:
PhD or an equivalent terminal degree in Interdisciplinary Arts and Humanities, Media Arts and Sciences, Design, or closely related field. Strong links to communities of creative practice in tangible media, active materials – electronic textiles, conductive materials, electronic paper and related techniques. Familiarity with materials science, mechanical and electrical engineering, bioengineering, nanotechnology or other relevant fields. Record of scholarly publication or exhibition reflecting on sociocultural implications of these new media. Record of success in raising funding for innovative practice-based research from private or public sources.

Desired Qualifications:
We seek a candidate who can address the cultural as well as design implications of new materials that amalgamate computational with analog matter. The candidate should demonstrate highly original practice, as well as innovative practical and discursive pedagogy in both expert and DIY settings. Informed by practice, the candidate should be able to engage and reshape scholarly discourse in neighboring disciplines in design, humanities, social sciences and engineering about transdisciplinary matters such as new materiality, post-anthropocentric design, or sustainability. We seek a candidate with experience in research and education spanning arts, design, humanities and engineering.

Application Deadline:
Screening of candidates will begin immediately; for best consideration, application materials should be provided by the deadline, December 15, 2015. Reviews will occur monthly thereafter until the search is closed.

Application Procedure:
Send a letter of interest, CV, statement of research, statement of teaching vision (consistent with the transdisciplinary nature of AME), three to five representative publications and/or media products, and names, addresses and telephone numbers for three to five professional references, via one zipped attachment, to: ActiveMat-search@asu.edu. Zipped files sent to this email address are limited to 10MB. For larger files, candidates may alternatively provide a URL at which the search committee may access the candidate’s materials. 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: xinwei.sha@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 https://asu.edu/aad/manuals/acd/acd401.html See ASU’s Title IX policy at https://www.asu.edu/titleIX/