



Arizona State University

Engineering Faculty opening in *Human Activity Capture and Analysis*

The School of Arts, Media and Engineering (AME) and the School of Electrical, Computer and Energy Engineering (ECEE) at Arizona State University are seeking a jointly appointed faculty member. Of particular interest is the area of *Human Activity Capture and Analysis* with emphasis on health, education or cultural applications. Candidates are sought at the assistant, associate or full professor level.

The School of Arts, Media and Engineering (AME - <http://ame.asu.edu>), at the Herberger Institute for Design and the Arts and the Ira Fulton Schools of Engineering, is a leading transdisciplinary program in media arts and sciences. It offers a PhD in media arts and sciences, an undergraduate BA with focus in digital culture and new media concentrations in the graduate degrees of 12 collaborating units spanning arts, design, sciences and engineering. The School has state of the art facilities for the development of embodied interactive media systems with focus on rehabilitation, K-12 education, cultural networks and enactive art. Significant federal, private foundation and industry support along with clinical, education and cultural partnerships contribute to the development and deployment of these systems. Sensing and modeling components of the systems are developed in partnership with ECEE.

The School of Electrical, Computer and Energy Engineering leads academic programs with more than 50 faculty members, 500 undergraduates and 700 graduate students. The school's programs include extramural research funding of more \$20M and BSE, MSE, MS and Ph.D. degree programs. The school's commitment to interdisciplinary programs is promoted by ECEE faculty leadership of interdisciplinary interactions across the Fulton Schools of Engineering, across colleges at ASU, and with collaborators at other institutions.

The appointee will have their tenure home with AME and take a leadership role in the development of the research and education mission of AME. The appointee's efforts will merge with efforts of other AME faculty for the achievement of significant advancements in experiential media. The appointee will further connections between AME and ECEE in areas of common interest and areas related to the appointee's interests and strengths.

Required Qualifications: Terminal degree in Engineering, Computing, Media Arts and Sciences or closely related field; significant research record in human activity capture and analysis and interactive media commensurate with the level of the appointment; strong external income and teaching record (for senior level appointments).

Desired Qualifications: Record of interdisciplinary collaboration; experience in research and education spanning sciences, engineering and the arts; experience in industry-university collaborations.

Application Deadline: November 1, 2010; if not filled, every FOUR weeks thereafter until search is closed. Anticipated start date is August 16, 2011.

Application Procedure: Send a letter of interest, CV, statement of research and teaching vision (consistent with the transdisciplinary nature at AME), three representative publications and/or media products, and names, addresses and telephone numbers for three professional references, via one zipped attachment, to: haca-search@asu.edu. For more information, please email: hari.sundaram@asu.edu.

Background Check Statement:

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