SMU | BOBBY B. LYLE SCHOOL OF ENGINEERING

POSITION ANNOUNCEMENT

POST-DOCTORAL RESEARCH AND TRAINING IN 3-D PRINTING, PRINTED ELECTRONICS, AND SOFT ROBOTICS

The Department of Mechanical Engineering at Southern Methodist University is seeking an outstanding postdoc to join a groundbreaking NSF-sponsored National Robotics Initiative research program working to develop next-generation additive manufacturing (AM) technology and its application to the fabrication of soft robotic components. Today's AM processes can only build structures using a single class of material (e.g., a polymer or a metal), but not both. Our program—at the intersection of additive manufacturing, printed electronics, and soft robotics—seeks to overcome this "grand challenge" of additive manufacturing and will enable monolithic, multi-material fabrication of devices with built-in actuators, sensors, and circuitry. See http://www.smu.edu/Lyle/Departments/ME/Labs/LAMRA for more information.

The successful candidate will work and receive training and mentoring as a postdoctoral scholar with a dynamic team of faculty and students, led by a 27-year veteran of the AM industry. The position provides salary for up to two years and is available beginning in the fall 2014 semester. A doctoral degree in mechanical or electrical engineering, or materials science and engineering is preferred. Other degrees including chemical engineering and experimental physics will be considered. Experience with advanced manufacturing, machine design, materials science, chemical engineering, and/or robotics is a plus.

If you are interested in this unique opportunity please email a curriculum vitae (no phone calls will be accepted) to:

Adam Cohen
Clinical Associate Professor
Director, Laboratory for Additive Manufacturing, Robotics, and Automation
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http://www.smu.edu/Lyle/Departments/ME/People/Faculty/CohenAdam

SMU will not discriminate on the basis of race, color, religion, national origin, sex, age, disability, or veteran status. SMU is committed to nondiscrimination on the basis of sexual orientation. Hiring is contingent upon the satisfactory completion of a background check.