Postdoctoral Researcher - Surface Patterning for Functional Materials
Air Force Research Laboratory – Soft Matter Materials Branch

The Soft Matter Materials Branch (RXAS) at Air Force Research Laboratory (AFRL) is seeking a postdoctoral appointee to join the Flexible Electronics Group. The focus of this group is to create flexible, embedded, reconfigurable, or stretchable electronics with unique form factors tailored to a final application. We concentrate on the integration and packaging of electronic components, and we rely heavily on additive manufacturing as a fabrication technique. This particular position will be focused on generating novel methods to pattern surfaces with functional materials for the development of flexible electronics. Expertise in top-down patterning techniques such as nano-imprint lithography, transfer printing, or electrohydrodynamic jet printing is desired, as well as bottom up self-assembly approaches like block-copolymer templating. Must be able to plan, initiate, and conduct fundamental scientific research. Must work collaboratively with other researchers and be able to publish and present developed technology. A Ph.D. in materials science, physics, electrical engineering, chemistry or related field is required. Applicant must be a US citizen.

If interested in this postdoctoral position please contact Abby Juhl at abigail.juhl.1@us.af.mil.