**Postdoctoral Scholar Open Position:**  Esser-Kahn Research Team

**Title:**

Postdoctoral Researcher

**Job Summary:**

A postdoctoral position is available in the Esser-Kahn Research Team within the Pritzker School of Molecular Engineering at the University of Chicago. The position will focus on using novel piezo-electric chemistries to improve materials properties. We are seeking a Postdoctoral Researcher who will work as part of a multidisciplinary team to innovate in materials that alter their properties with both sound and mechanical waves. The work will include working as part of collaboration between the Esser-Kahn lab and labs at the UC-San Diego, Duke and UW-Madison spanning areas of expertise in materials science, mechanics, and chemistry. Although the position will be primarily based in Chicago, the postdoctoral researcher will work as part of this larger team with regular meetings between all of the team members. Experimental duties will include running novel chemical reactions, formulating new materials, testing materials properties, 3D printing and novel design elements that may emerge there-in.

The successful candidate will be highly motivated and have a proven track record of conducting independent research. Broad experience in polymer chemistry, materials science, mechanical testing, electro-chemistry or any of the above will be considered a benefit. In addition, candidates with experience in piezo-electric reactivity will be considered a major benefit. This position will be expected to demonstrate independence in experimental design and execution, work effectively with others in a collaborative setting, present results at both national and international meetings, and ultimately publish results. A PhD degree in the chemistry, polymer or material science or related disciplines is a prerequisite.

The Postdoctoral Researcher will have the opportunity to work with collaborators of the Esser-Kahn labs and will have a unique opportunity to perform highly original, cross-cutting research between material science and engineering. This project lies at the interface between basic research and translational materials. For more information on the Esser-Kahn lab visit

https://pme.uchicago.edu/group/esser-kahn-group.

Motivated candidates should submit a curriculum vitae and a statement of research goals to Dr. Aaron Esser-Kahn @ [aesserkahn@uchicago.edu](mailto:aesserkahn@uchicago.edu)

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Staff Job seekers in need of a reasonable accommodation to complete the application process should call 773-702-5800 or submit a request via Applicant Inquiry Form.

We seek a diverse pool of applicants who wish to join an academic community that places the highest value on rigorous inquiry and encourages a diversity of perspectives, experiences, groups of individuals, and ideas to inform and stimulate intellectual challenge, engagement, and exchange.

All offers of employment are contingent upon a background check that includes a review of conviction history. A conviction does not automatically preclude University employment. Rather, the University considers conviction information on a case-by-case basis and assesses the nature of the offense, the circumstances surrounding it, the proximity in time of the conviction, and its relevance to the position.