



PRITZKER SCHOOL OF
MOLECULAR ENGINEERING

THE UNIVERSITY OF CHICAGO

Postdoctoral Scholar Open Position: Sihong Wang Lab

Title:

Postdoctoral Scholar (in polymer bio-electronics)

Job Summary:

Postdoctoral Scholar position on polymer bio-electronics available at the University of Chicago. The Sihong Wang research group in the Pritzker School of Molecular Engineering seeks outstanding applicants for a postdoc position, with the start time as early as October 2020 or soon thereafter. Interested candidates with the background in electrochemistry, biosensing, polymer electronics, electronic device physics, polymer synthesis, and/or polymer physics are welcomed to contact Prof. Wang (sihongwang@uchicago.edu) with a CV and names of at least three (3) references. Minorities and women are strongly encouraged to apply.

Information about the Sihong Wang Research Group:

The research in the Wang group focuses on the development of soft polymeric materials and devices that can merge electronics with biological systems in both mechanical & chemical characteristics, as well as energy flow. The target is to provide a new technological platform for biomedical studies. These developments largely rely on the fundamental study of the combinations of exceptional (opto)electronic/energy functionalities, mechanical softness, and bio-compatibility, in single material systems.

Prior to joining the University of Chicago in 2018, Prof. Sihong Wang was a postdoctoral fellow in chemical engineering at Stanford University from 2015 to 2018. He received his PhD in materials science and engineering at Georgia Institute of Technology in 2014, and his BS in materials science and engineering at Tsinghua University in 2009. Prof. Wang has published 58 peer-reviewed publications in high-impact journals including *Nature*, *Science*, *Nature Materials*, *Nature Electronics*, *Nature Communications*, *Science Advances*, *Advanced Materials*, *Energy & Environmental Science*, etc., with >12,000 citations to his work and a Google Scholar H-index of 52. Wang is also a named inventor on 5 US patents.

Wang was named to MIT Technology Review 35 Innovators Under 35 (TR35) Global List in 2020. He was also awarded the Material Research Society (MRS) Postdoc Travel Award, MRS Graduate Student Award, MRS Best Poster Award Nominee, Certificate of Merit for the oral presentation at ACS National Meeting, etc. His first-authored invention of “self-charging power cells” was selected as the one of the Top 10 Breakthroughs in Physics Science for the year of 2012, by the Institute of Physics magazine *Physics World*.

More information can be found at <http://wanglab.uchicago.edu>