



DIVISION OF POLYMERIC MATERIALS: SCIENCE & ENGINEERING

Henkel Award for Outstanding Graduate Research in Polymer Science and Engineering

Sponsored by Henkel Corporation

2020 Award Winner

Dr. Jeffrey Lopez
Stanford University



Jeffrey Lopez earned his Ph.D. in 2018 from Stanford University under the supervision of Prof. Zhenan Bao. He was awarded a NSF Graduate Research Fellowship and a NDSEG Fellowship to fund his graduate work, which focused on molecular design of new self-healing polymers and elastomers with novel mechanical properties for improving the stability of lithium ion batteries. Jeffrey is currently an Intelligence Community Postdoctoral Fellow at the Massachusetts Institute of Technology working with Prof. Yang Shao-Horn where he is studying fundamental mechanisms of electrochemical instability and ion transport in polymer electrolyte materials. Jeffrey has received multiple awards for his research including the ACS Eastman Chemical Student Award in Applied Polymer Science in 2018 and the AIChE Excellence in Graduate Polymer Research Award First Prize in 2016. Jeffrey was involved with the Stanford Polymer Collective as President from 2013-2016 supporting the polymer research community on Stanford's campus, and has worked with various programs at Stanford and MIT to promote improved access to higher education among students from underrepresented minority groups.

The 2020 Henkel award will be presented during a symposium in honor of Dr. Lopez at the American Chemical Society National Meeting in San Francisco, CA, August 16-20, 2020 in the ACS Division of Polymer Chemistry. Award nominations are administered through PolyEd, the joint polymer education committee of the ACS Divisions of Polymer Chemistry and Polymeric Materials: Science & Engineering, with generous financial support from the Henkel Corporation.