

Zachary P. Smith
Biographical Sketch

Zachary P. Smith is currently a postdoctoral scholar in the Department of Chemistry at the University of California, Berkeley. He earned his bachelor's degree in Chemical Engineering from the Penn State Schreyer Honors College, conducting research with Prof. Hank Foley on porous carbon-based materials for applications in oxygen enrichment. Zach completed his graduate training in Chemical Engineering under the guidance of Profs. Benny Freeman and Don Paul at the University of Texas at Austin, developing structure/property relationships for gas diffusion and sorption in polyimides, perfluoropolymers, and related materials. His postdoctoral training, under the guidance of Prof. Jeffrey Long, focuses on designing coordination solids (i.e., metal-organic frameworks) for selective adsorption-based separations. Zach has co-authored over 20 peer-reviewed publications and has been recognized with several awards including the Department of Energy Office of Science Graduate Fellowship and the ACS Excellence in Graduate Polymer Research Award. He was also selected as a U.S. delegate to the Lindau Nobel Laureate Meeting on Chemistry in 2013.