

Stanford



Tracy Schloemer

Postdoctoral Scholar, Electrical Engineering

Bio

BIO

Tracy H. Schloemer earned her B.S. in chemistry and M.A. in educational studies from the University of Michigan. She taught high school chemistry in Denver, Colorado as a Knowles Teaching Initiative fellow and served as a lead contributor to ChemEdX. She earned her Ph.D. in applied chemistry from the Colorado School of Mines in 2019 where she focused on organic semiconductor design for improved operational durability of perovskite solar cells under professor Alan Sellinger and in collaboration with the National Renewable Energy Lab. Her current research focuses on the control and application of excitons in the Congreve Lab. Her interests outside the lab include hiking and cheering on University of Michigan "sportsball".

HONORS AND AWARDS

- Arnold O. Beckman Postdoctoral Fellow, Arnold and Mabel Beckman Foundation

STANFORD ADVISORS

- Dan Congreve, Postdoctoral Faculty Sponsor

LINKS

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Publications

PUBLICATIONS

- **Spatially Controlled Uv Light Generation at Depth Using Upconversion Micelles.** *Advanced materials (Deerfield Beach, Fla.)*
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- **Managing big data** *NATURE ENERGY*
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