Stanford



Stephen Proctor

Postdoctoral Scholar, Chemistry

Curriculum Vitae available Online

Bio

HONORS AND AWARDS

- Dissertation Completion Fellowship Award, University of California, Riverside (04/2026 - 09/2026)
- Richard R. Schrock Graduate Student Award, University of California, Riverside (2025)
- ORISE Participant within the DOE / SCGSR (NLR), University of California, Riverside (06/2025 - 09/2025)
- Science of Sustainability Fellowship, University of California, Riverside (2022)
- Dean's Distinguished Fellowship, University of California, Riverside (2020)

PROFESSIONAL EDUCATION

- Doctor of Philosophy, University of California Riverside (2026)
- Bachelor of Science, California State University, Chico (2020)
- Master of Science, University of California Riverside (2022)
- Ph.D. in Chemistry, University of California, Riverside (2026)

STANFORD ADVISORS

- Robert Waymouth, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Combustion Resistant Borohydrides and Their Chemical Interactions with Li-Metal Surfaces: An Experimental and Theoretical Study** *ACS CENTRAL SCIENCE*
  Tomich, A. W., Proctor, S., Yang, M., Chen, J., Zhao, Y., Chen, E., Das, T., Merinov, B. V., Goddard, W. A., Guo, J., Lavallo, V.
  2025; 11 (5): 734-741
- **Beyond the Hawthorne Reaction: Li⁺ Induced Thermal Dehydrocoupling of closo-10-vertex Carborane Anions** *INORGANIC CHEMISTRY*
  Proctor, S., Farias, P., Carta, V., Lavallo, V.
  2024; 64 (1): 757-760
- **Searching for the Truth: Elemental Analysis-A Powerful but Often Poorly Executed Technique** *ACS CENTRAL SCIENCE*
  Proctor, S., Lovera, S., Tomich, A., Lavallo, V.
  2022; 8 (7): 874-876