


Stanford

Monty Cosby

Postdoctoral Scholar, Photon Science, SLAC

 Curriculum Vitae available Online

Bio

BIO

Research Vision: To characterize and develop materials for electrochemical applications in the pursuit of improved energy technologies. Research pertains to developing novel high-throughput methods, creating on-the-fly analysis tools, and utilizing mathematical modeling to optimize materials processes.

Stanford research: Work on operando XRD, PDF, XAS, and GIWAX analysis of structural changes within perovskite photovoltaic materials.

PROFESSIONAL EDUCATION

- Bachelor of Science, University of Oregon (2017)
- Doctor of Philosophy, S.U.N.Y. State University at Stony Brook (2022)
- Ph.D, Stony Brook University , Chemistry (2022)
- B.S., University of Oregon , Major: Chemistry Minor: Economics (2017)

STANFORD ADVISORS

- Piero Pianetta, Postdoctoral Faculty Sponsor