



Dale Burns

Phys Sci Res Assoc, Earth & Planetary Sciences

Bio

BIO

I manage the Stanford Mineral and Microchemical Analysis Facility. My primary responsibilities include developing and testing procedures for measuring major and trace element concentrations in a variety of solid materials, working with Stanford researchers (and external users) to design experiments and collect, interpret, and publish data, and overseeing the long-term development and trajectory of the Mineral and Microchemical Analysis Facility both within the Stanford School of Earth, Energy, and Environmental Sciences and in the greater Stanford community.

ACADEMIC APPOINTMENTS

- Phys Sci Res Assoc, Earth & Planetary Sciences

PROFESSIONAL EDUCATION

- Ph.D., Oregon State University , Geochemistry
- M.S., San Diego State University , Geological Sciences
- B.A., Humboldt State University , Geological Sciences

Teaching

COURSES

2023-24

- An Introduction to Quantitative X-ray Microanalysis: EPS 216, GEOPHYS 236, MATSCI 236 (Spr)
- Introduction to Igneous and Metamorphic Petrology: EPS 104 (Spr)