

We are seeking a postdoctoral scholar to work with Dr. Elisabeth Hausrath at UNLV on snow algae-microorganism-mineral interactions and astrobiology education and public outreach. Responsibilities of the position will include:

- Sampling in remote field environments of mineral, snow, algae, and bacteria,
- Laboratory analysis of collected biological and geologic samples
- Growth experiments of snow algae and microorganisms in the presence of minerals
- Presenting work at conferences and writing manuscripts for publication in peer-reviewed journals
- Curriculum development of astrobiological materials and education and outreach in the local school system

Desired attributes include significant experience performing laboratory and field work, a strong geochemical and microbiological background, and experience with fine scale analytical techniques, with experience with synchrotron techniques a plus. The ideal candidate will also have strong critical thinking, problem solving and communication skills, with the ability to work both independently and collaboratively. Requirements include a PhD at the time of appointment. The successful candidate will receive mentoring in scientific skills, manuscript and proposal writing, teaching, and other career skills. For information about our ongoing research programs please see our website here: <http://faculty.unlv.edu/hausrath/index.htm> or contact Elisabeth.Hausrath@unlv.edu.