

Postdoctoral Research Scholar for Andean Archaeology

Description

The Elemental Analysis Facility (EAF) is a multi-sited lab at The Field Museum of Natural History in Chicago and at the School of Human Evolution and Social Change at ASU. We work to further the scientific understanding of human evolution, culture, society, and diversity through field and collections-based research. EAF researchers are archaeological scientists who use modern technology to study the human story. We participate in survey and excavation projects around the globe and in collections-based research on existing archaeological items at the Field Museum, at ASU, and beyond. We aim to elucidate the nature of human economic activity and interconnections between societies over the millennia. The EAF contains instrumentation that allows for the rapid compositional analysis of materials collected during excavations and field work conducted by our teams. These methods of compositional analysis are also revealing new information about collections that have been housed at museums like the Field for over a century.

We are seeking applications for a full-time Postdoctoral Research Scholar to work under the supervision of Dr. Ryan Williams. We are searching for a highly motivated researcher to join our group to work on projects related to Andean archaeology, compositional chemistry, landscape analysis, and statistical analysis of elemental compositional data.

The successful candidate will be working with elemental analysis data, as well as collecting new data. Some travel, including international, may be involved. Data analysis, collaborative writing of research results, and independent work are required. Operational knowledge of X-ray fluorescence spectrometry, mass spectrometry, and/or Raman spectroscopy is desirable.

This is an in-person, full-time, fiscal-year, term-limited 1-year position, which may be renewable for a second year, contingent on continued satisfactory performance, the availability of funding and the needs of the University. The anticipated start date is July 1, 2024. All Postdoctoral Research Scholar appointments are for one year, July 1st through June 30th.

The fiscal year (12-month) salary for this Postdoctoral Research Scholar position is \$50,000 along with competitive benefits through ASU, including health insurance, and paid vacation and holidays. This position is located at the Arizona State University at the Tempe campus.

Qualifications

Minimum Qualifications

- A PhD in Anthropology, Archaeology, or related fields by the time of appointment.
- Applicants must be within five years of receipt of their PhD to be considered.
- Demonstrated commitment to working with faculty, staff, students and communities to advance the principles of the ASU [Charter](#)

Desired Qualifications

- Experience with compositional analysis analyses of archaeological samples and statistical analyses of elemental data.
- Demonstrated supervisory experience with student researchers.
- Evidence of excellent organizational and project management skills.

- Experience working independently and collaboratively in a team.
- Experience working collaboratively with other departments and programs, across disciplines on grant-funded projects, publications, or activities.
- Evidence of commitment to creating and maintaining an inclusive environment.

Application Instructions

To apply, please submit application materials electronically to <http://apply.interfolio.com/145384>. Required materials include:

1. a letter of interest describing how you meet the required and desired qualifications
2. a current curriculum vitae, and
3. up-to-date contact information (including email addresses) for three (3) professional references.

General questions about this position may be directed to Dr. Williams at prwill@asu.edu.

Initial deadline for complete applications is May 26, 2024 if position not filled, review of complete applications will occur every two weeks thereafter until the search is closed.

Background check is required for employment.

Arizona State University is a VEVRAA Federal Contractor and an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, protected veteran status, or any other basis protected by law. (See <https://www.asu.edu/aad/manuals/acd/acd401.html> and <https://www.asu.edu/titleIX>.)

In compliance with federal law, ASU prepares an annual report on campus security and fire safety programs and resources. ASU's Annual Security and Fire Safety Report is available online at <https://www.asu.edu/police/PDFs/ASU-Clery-Report.pdf>. You may request a hard copy of the report by contacting the ASU Police Department at 480-965-3456.