

## PREP Research Associate

This position is part of the National Institute of Standards (NIST) Professional Research Experience (PREP) program. NIST recognizes that its research staff may wish to collaborate with researchers at academic institutions on specific projects of mutual interest, thus requires that such institutions must be the recipient of a PREP award. The PREP program requires staff from a wide range of backgrounds to work on scientific research in many areas. Employees in this position will perform technical work that underpins the scientific research of the collaboration.

### **Research Title:**

Video and Photo Analysis using Specialize Software (Open)

### **The work will entail:**

To support The National Institute of Standards and Technology's (NIST) Disaster and Failure Studies Program in data management of digital assets by using specialize software. The amount of data (video, photos, schematics, documents, interviews, etc.) that is collected during an investigation is huge! The project will entail the tagging, cataloging and manipulation of Exif data of photos, video and other digital media.

### **Key responsibilities will include but are not limited to:**

- data management of digital assets by using specialize software
- Tagging, cataloging and manipulation of Exif data of photos, video and other digital media.

### **Qualifications**

- Must be very proficient in working on a Mac and/or a Windows PC environment.
- Must have strong organizational and communication skills (written and oral), and the ability to follow instructions, respond to management direction, and follow through on commitments.
- Must be able to work independently.
- Must be very detail oriented.
- Proficient in Microsoft applications such as Word, Excel, and PowerPoint.
- Capable of quickly learning new software tools.
- Basic experience with Adobe products such as Photoshop, Lightroom, Illustrator, or Premier (or similar) preferred Ability to use tools needed to analyze data.

## Privacy Act Statement

**Authority:** 15 U.S.C. § 278g-1(e)(1) and (e)(3) and 15 U.S.C. § 272(b) and (c)

**Purpose:** The National Institute for Standards and Technology (NIST) hosts the [Professional Research Experience Program \(PREP\)](#) which is designed to provide valuable laboratory experience and financial assistance to undergraduates, post-bachelor's degree holders, graduate students, master's degree holders, postdocs, and faculty.

PREP is a 5-year cooperative agreement between NIST laboratories and participating PREP Universities to establish a collaborative research relationship between NIST and U.S. institutions of higher education in the following disciplines including (but may not be limited to) biochemistry, biological sciences, chemistry, computer science, engineering, electronics, materials science, mathematics, nanoscale science, neutron science, physical science, physics, and statistics. This collection of information is needed to facilitate administrative functions of the PREP Program.

**Routine Uses:** NIST will use the information collected to perform the requisite reviews of the applications to determine eligibility, and to meet programmatic requirements. Disclosure of this information is also subject to all the published routine uses as identified in the Privacy Act System of Records Notices: NIST-1: NIST Associates.

**Disclosure:** Furnishing this information is voluntary. When you submit the form, you are indicating your voluntary consent for NIST to use of the information you submit for the purpose stated.