Post- Baccalaureate Position Available at CU DENVER NIST PREP Program

Posting Job Description: Charpy Standards Program

NIST ORG (Div/Group): Fatigue and Fracture Group

NIST GRADE EQUIVALENT: ZP-II
Based on candidate’s education and experience, the candidate is equivalent to a NIST grade level.

LENGTH OF TERM (if applicable):

START DATE: ASAP
END DATE: 2023-10-31

SUMMARY OF THE POSITION: Do tasks for Charpy standards program such as geometric measurements, hardness testing and Charpy testing of specimens. Tasks also include Charpy machine maintenance, standards database maintenance, budgeting, purchasing of steel, heat treatment, machining, upkeep of quality control. Assistance with research, such as machine learning for Charpy machine verification, fixturing and data analysis for instrumented strikers.

Metallographic preparation of steels for microscopy. This includes cutting of specimen blanks, setting in holders, grinding and polishing, and etching of specimens.

LEVEL OF APPOINTMENT:
- **Postbac**: This researcher must start an appointment within 5 years of a bachelor’s degree and has an appointment limit of 5 years.
- **Work Location**: Physically at NIST (Boulder, CO)
- **Schedule of Appointment**: full time
- **Total Hours per week**: 40

AREA OF STUDY: Degree in engineering, physical sciences, or related STEM fields. *Candidates with other degrees will also be considered with the appropriate technical and organizational skills.*

SALARY RANGE DETERMINATION: Suggested salary: $61k

For more information contact:

For possible consideration and to process this position, qualified candidates should send resumes to Professor Mark Golkowski mark.golkowski@ucdenver.edu and Professor Hamid Fardi hamid.fardi@ucdenver.edu.

[https://engineering.ucdenver.edu/research/prep-research-program](https://engineering.ucdenver.edu/research/prep-research-program)