Opportunity Title: CDC Health and Safety Engineering Fellowship
Opportunity Reference Code: CDC-NIOSH-2020-0092

Organization
Centers for Disease Control and Prevention (CDC)

Reference Code
CDC-NIOSH-2020-0092

How to Apply
A complete application consists of:

- An application
- Transcripts – Click here for detailed information about acceptable transcripts
- A current resume/CV, including academic history, employment history, relevant experiences, and publication list
- One educational or professional recommendation. Your application will be considered incomplete, and will not be reviewed until one recommendation is submitted.

All documents must be in English or include an official English translation.

If you have questions, send an email to ORISE.CDC.NIOSH@orau.org. Please include the reference code for this opportunity in your email.

Application Deadline
5/11/2020 3:00:00 PM Eastern Time Zone

Description
*Applications will be reviewed on a rolling-basis.*

A research opportunity is currently available with the Division of Field Studies and Engineering (DFSE), within the National Institute for Occupational Safety and Health (NIOSH), at the Centers for Disease Control and Prevention (CDC) in Cincinnati, Ohio.

Under the guidance of a mentor, the participant will be involved in experiments to gather data on hazardous exposures in the workplace. Some workers may be exposed to hazardous levels of noise, dust, respirable crystalline silica and carbon monoxide, for example. Measurements of these exposure levels will be made. Engineering controls will be tested to see if improvements in exposure levels can be made. The acceptability of the engineering controls to workers will also be assessed. During the appointment, some travel to different parts of the U.S. may or may not be required. Much of the data-gathering may take place outdoors. It is estimated that 5% or less of research hours may be spent outdoors.

The learning objectives for the participant during this opportunity will include: methods of measuring exposures to noise, dust, respirable crystalline silica and carbon monoxide, and statistical analysis of these data. The use of engineering controls in preference to personal protective equipment may reduce hazardous exposures to workers.

Anticipated Appointment Start Date: May 26, 2020

This program, administered by ORAU through its contract with the U.S. Department of Energy to manage the Oak Ridge Institute for Science and Education, was established through an interagency agreement between DOE and CDC. The initial appointment can be up to one year, but may be renewed upon recommendation of CDC contingent on the availability of funds. The participant will receive a monthly stipend commensurate with educational level and experience. Proof of health insurance is required for participation in this program. The appointment is full-time at CDC in the Cincinnati, Ohio, area. Participants do not become employees of CDC, DOE or the program administrator, and there are no employment-related benefits.

Qualifications
The qualified candidate should have completed at least two years of college-level education and be currently pursuing an undergraduate or graduate degree in one of the relevant fields.

Preferred skills:

- Knowledge of design of experiments and statistics
- Familiarity with outdoor power equipment
- Spanish language skills

Eligibility Requirements

- **Degree:** Currently pursuing a Bachelor's Degree, Master's Degree, or Doctoral Degree.

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- Engineering (27)
- Life Health and Medical Sciences (2)