FELLOWSHIP OPPORTUNITIES
HUMAN FACTORS ENGINEERS

The National Institute for Occupational Safety and Health (NIOSH), Division of Safety Research (DSR), Protective Technology Branch (PTB), located in Morgantown, West Virginia, has potential fellowship opportunities for Human Factors Engineers.

NIOSH is the federal agency responsible for conducting research and making recommendations for the prevention of work-related injury and illness. Our mission is to generate new knowledge in the field of occupational safety and health and to transfer that knowledge into practice for the betterment of workers. NIOSH is part of the Centers for Disease Control and Prevention (CDC) within the Department of Health and Human Services. The NIOSH Morgantown facility is a national leader in occupational safety research to prevent job-related injuries. The Division of Safety Research serves as the focal point for the Institute’s occupational traumatic injury prevention and safety research programs. The Division follows the public health model, melding in safety and engineering sciences. We use epidemiologic methods to define injury problems and to evaluate intervention efforts, and safety and engineering sciences to address human factors issues and to develop and test control technologies.

Purpose of Positions – Multiple positions may be available. The purpose of these fellowship positions is to conduct research associated with occupational driver safety, fall prevention and protection, industrial equipment and machine safety, and work physiology and personal protective technology. The fellows will conduct research that will lead to more focused recommendations to address occupational vehicle-related incidents, falls, machine-related injuries, and PPE advancement. The nature of the work includes: conducting literature reviews of safety practices and standards; developing research protocols; conducting data collection experiments; participating in developing occupational injury prevention techniques and strategies; and preparing documents and publications to present research results.

PTB currently has nine state-of-the-art research laboratories, including a Virtual Reality Laboratory, High Bay Laboratory, Vehicle Safety Laboratory, Human Factors Laboratory, and Anthropometry Laboratory. These labs support engineering and technology-based safety intervention research for reducing the incidence and severity of work-related motor vehicle crashes, slips and falls, struck-by-object injuries, and personal protective equipment (PPE) accommodation issues.

Required Skills and Abilities: Applicants must have a masters or doctoral degree in human factors engineering, safety engineering, industrial engineering, transportation safety, biomedical engineering, or a similar engineering program. Knowledge and experience with safety research, engineering design, or bioengineering is preferred. The individual must have excellent written and oral communication skills, and be able to work independently and in a team environment. Non-U.S. Citizens are eligible to apply. Salary ranges for these positions are $48,403 - $83,468 depending on education and experience and the type of fellowship.

Contact Information: Individuals interested in seeking a challenging fellowship opportunity in human factors engineering who feel they may qualify for these fellowships are encouraged to submit a resume or CV to:

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or
Christie Wolfe, Administrative Officer, swolfe2@cdc.gov, 304-285-6231

NIOSH is an equal opportunity employer. All NIOSH workplaces are smoke-free