



Office of University Programs (OUP) Workforce Development Initiatives

The Office of University Programs Workforce Development initiatives enable Department of Homeland Security (DHS) Centers of Excellence (COEs) to engage with and cultivate the next generation of homeland security professionals and provide growth and development opportunities for the current workforce.

STUDENT INTERNSHIP OPPORTUNITIES



Homeland Security Professional Opportunities for Student Workforce to Experience Research (HS-POWER)

HS-POWER provides substantive work-based learning opportunities to graduate and undergraduate students majoring in a broad spectrum of homeland security related science, technology, engineering, and mathematics (STEM) disciplines to include political and social sciences as well as DHS mission-relevant research areas. Interns gain quality research and work experience with DHS Components, federal research facilities, and other STEM-focused entities nationwide. HS-POWER also provides interns with invaluable opportunities to cultivate relationships with DHS personnel, researchers, and fellow students.

When to Apply: Approx. September – December

HIGHLIGHTS: CENTER-DEVELOPED TRAINING OPPORTUNITIES FOR THE DHS WORKFORCE



DHS-Tailored Workshops:

The Center for Accelerating Operational Efficiency (CAOE) is available to host and facilitate **specialized workshops to create synergy between DHS, leading researchers, and industry experts** using real-life case studies in a working-group format. Workshop goals are individualized and vary by the requesting Component or office, but the events are often used as an opportunity to develop new solutions and/or identify ways to effectively mitigate risks. Examples of CAOE-facilitated workshops are: "Supply Chain Resilience Issues, Problems, and Solutions for the Homeland Security Enterprise (SCRIPS)," "The Future of the Risk Sciences in Homeland Security Workshop," and "Privacy-Enhancing Technologies (PETs) Workshop."



Epidemiology 101 and Epidemiology 102:

The Cross-Border Threat Screening and Supply Chain Defense (CBTS) and the Institute for Infectious Animal Diseases (IIAD), partnered to create Epidemiology 101 and Epidemiology 102 for Customs and Border Protection (CBP). This two-course curriculum provides field personnel important knowledge on animal and plant infectious diseases and disease epidemiology that is directly implemented in daily operations. The training has been **delivered to more than 27,000 CBP Officers and 2,700 CBP Agriculture Specialists**.



Training on Intelligence and Evidence Gathering in Darknet Environments:

The Criminal Investigations and Network Analysis (CINA) Center has developed a training that will teach law enforcement agents how to collect and analyze darknet data. The training will be able to guide the **exploration of potential policing approaches and applications to a wide range of online crime**. The training is being developed in response to the rapid development of complex illicit supply chain structures that support the flow of illegal goods and services within the underground economy. Investigators need training in cost-effective intelligence and evidence gathering from darknet environments to be able to evaluate threats generated by malicious online actors and collect extensive evidence regarding their operations on darknet platforms.



HIGHLIGHTS: CENTER-DEVELOPED TRAINING OPPORTUNITIES FOR THE DHS WORKFORCE (CONT.)



Empowering Law Enforcement by Creating Internet of Things Cybersecurity Training:

The Critical Infrastructure Resilience Institute (CIRI) has developed a training platform and curricula to **enhance the investigative skills of law enforcement by focusing on Internet of Things (IoT) devices** found in and around crime scenes, such as cameras and doorbells. This project will transition to market, offering specialized training on the forensic and tactical impacts of IoT devices, equipping law enforcement officers to better collect evidence and improve operational effectiveness.



Training on the Plan Integration for Resilience Scorecard (PIRS)[™]:

The Coastal Resilience Center (CRC) developed the Plan Integration for Resilience Scorecard (PIRS)[™], a method for analyzing local plans a community may use for climate and hazard resilience response to uncover inconsistencies. **PIRS[™] highlights areas that need improvement to ensure that all plans are working together.** CRC partnered with the American Planning Association to offer training on PIRS[™] through interactive eLearning modules. Planners and allied professionals learn how to effectively collaborate across local agencies and departments to collect and evaluate local plans and their impacts on community resilience.



Training and Education Research and Implementation Strategies for Homeland Security Intelligence Community:

The National Counterterrorism Innovation, Technology, and Education (NCITE) Center is **examining which technologies are best for a developing the workforce in counterterrorism and targeted violence**, and which technologies in the commercial sector could benefit the DHS and U.S. Intelligence Community (IC) workforce. This research will provide a baseline for homeland security intelligence and training and education, and recommendations on how best to implement these developmental activities within the current workforce structure to build the next generation of analysts and IC leadership.

