Academic Resource Catalog

Contents

Dear Academic Community Partner,

U.S. institutions of higher education are key stakeholders of the U.S. Department of Homeland Security (DHS) and play an influential role in the homeland security mission. In 2011, DHS strengthened its outreach efforts by forming the Office of Academic Engagement (OAE), which aims to build, improve and leverage lasting relationships with the academic community.

DHS directly engages with school administrators, campus leadership, school emergency management and law enforcement personnel, faculty, and students on a range of issues. The DHS *Academic Resource Catalog,* maintained by OAE, serves as a guide to the DHS programs and resources available to the academic community.

This catalog will be updated on a yearly basis to reflect DHS's latest efforts to support and engage with the academic community. If you have suggestions for how the catalog may be improved, we welcome your feedback at AcademicEngagement@hq.dhs.gov.

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Introduction

The Department of Homeland Security (DHS) maintains numerous relationships with members of the academic community and directly engages with school administrators, campus leadership, school emergency management and law enforcement personnel, faculty, and students on a range of issues. DHS also manages the Homeland Security Academic Advisory Council (HSAAC) which provides advice and recommendations to the Secretary and senior leadership on matters related to homeland security and the academic community.

The *Academic Resource Catalog* serves as a guide to the DHS programs and resources available to the academic community. Maintained by the DHS Office of Academic Engagement, the catalog will be updated on a yearly basis to reflect the Department's latest efforts to engage with and support the academic community.

Information contained in this catalog is organized into the following categories:

- *Academic Programs and Training:* Educational programs and training associated with the homeland security discipline and available to the academic community

- *Campus Resilience and Emergency Management:* Initiatives, programs, resources, and tools to enhance and promote campus preparedness

- *Careers and Internship Opportunities:* Scholarships, internships, fellowships, and recruitment initiatives to attract professionals interested in a career in homeland security

- *Cybersecurity:* Programs, tools, and resources available to academic institutions and prospective cybersecurity professionals to support a stable, safe, and resilient cyberspace

- *Grants and Funding Opportunities:* Funding awarded to academic institutions or associations to support research and development, training, scholarships, or other homeland security-related matters

- *International Students:* DHS involvement in administering and enforcing policies related to international students in the United States

- *Public Awareness Campaigns:* Outreach, public affairs, and other communications to the academic community

- *Research:* Academic-based research that supports homeland security missions and needs

The Department is pleased to offer this resource and remains committed to building a strong and lasting relationship with the academic community. For more information on DHS and academic engagement, visit http://www.dhs.gov/topic/academic-engagement or email AcademicEngagement@hq.dhs.gov.

The Academic Resource Catalog is a product of the Office of Academic Engagement. Established in 2011, the office advances the DHS mission by building, improving and leveraging relationships with the academic community.

Academic Programs and Training

Over the past ten years, homeland security education has grown significantly, with more than 350 new certificate and degree programs created. Additionally, DHS offers a variety of training opportunities for DHS personnel, partners and citizens. Aligning these academic programs and training opportunities to DHS's mission helps create an educated and informed workforce now and in the future.

The Center for Homeland Defense and Security (CHDS). Located at the Naval Post Graduate School and sponsored by the Federal Emergency Management Agency (FEMA), CHDS has been a provider of homeland security graduate and executive level education since 2002. Homeland security leaders, including many DHS employees, receive the analytic skills and substantive expertise needed to meet the immediate and long-term leadership needs of organizations responsible for homeland defense and security. For more information, please visit: https://www.chds.us/

National Centers of Academic Excellence in Cyber Defense. The National Security Agency (NSA) and the Department of Homeland Security (DHS) jointly sponsor the National Centers of Academic Excellence in Cyber Defense (CAE-CD) program. The goal of the program is to reduce vulnerability in our national information infrastructure by promoting higher education and research in cyber defense and producing professionals with cyber defense expertise for the Nation. For more information, please visit: https://www.nsa.gov/resources/educators/centers-academic-excellence/cyber-defense/

College Credit Initiative Agreement. In February 2013, the Federal Law Enforcement Training Center (FLETC) entered an agreement with the College of Coastal Georgia to allow DHS employees who complete FLETC's three basic law enforcement training programs to earn college credit from the school. Trainees who are co-enrolled at the College of Coastal Georgia receive credit in courses related to criminal justice and law enforcement, and the credits earned through these courses can be applied towards a degree at the school or transferred to another college or university. For more information, please visit: http://www.fletc.gov/news/press-releases/signing-ceremony-for-college-credit-initiative

Emergency Management Higher Education Program. The Emergency Management Institute in Emmitsburg, Maryland developed the Emergency Management Higher Education Program with the aim of promoting college-based emergency management education for future emergency managers and other interested personnel. The primary goal of the FEMA Emergency Management Higher Education Program (HiEd) is to work with institutions of higher education, emergency management professionals, and stakeholder organizations to help create an emergency management system of sustained, replicable capability and disaster loss reduction. The HiEd Program website contains free downloadable college courses, textbooks and materials, a college list containing all the emergency management, homeland security and related programs and myriad other pertinent information. For more information, please visit: https://training.fema.gov/emiweb/edu/

The Emergency Management Institute (EMI). EMI supports DHS's and the Federal Emergency Management Agency's goals by improving the competencies of U.S. officials in emergency management at all levels of government to prepare for, protect against, respond to, recover from, and mitigate the potential effects of all types of disasters and emergencies. For more information, please visit: https://training.fema.gov/emi.aspx

Federal Law Enforcement Training Centers. The Federal Law Enforcement Training Centers provides services to campus law enforcement personnel through a variety of programs and courses in law enforcement techniques and training. Programs are conducted across the United States and are normally hosted by a local law enforcement agency. For more information, please visit: http://www.fletc.gov/osl

National Defense University. The National Defense University is the premier center for Joint Professional Military Education and works to develop leaders that can operate and creatively think in an unpredictable and complex world. It is under the direction of the Joint Chiefs of Staff. For more information, please visit: http://www.ndu.edu/

National Initiative for Cybersecurity Education (NICE). NICE has evolved from the Comprehensive National Cybersecurity Initiative and extends its scope beyond the Federal workplace to include civilians and students in kindergarten through post-graduate school. The goal of NICE is to establish an operational, sustainable and continually improving cybersecurity education program for the nation to use sound cyber practices that will enhance the nation's security. For more information, please visit: http://csrc.nist.gov/nice/

National War College. The National War College educates future leaders of the Armed Forces, State Department and other civilian agencies for high-level policy, command and staff responsibilities by conducting a senior-level course of study in national security strategy. The National War College provides a single-phase JPME program for mid-career U.S. military officers, civilian U.S. government officials and foreign military officers. For more information, please visit:
http://www.ndu.edu/Academics/CollegesCenters/NationalWarCollege.aspx

Naval Postgraduate School (NPS). NPS is an accredited research university operated by the United States Navy. Located in Monterey, California, it grants master's degrees, Engineer's degrees and doctoral degrees. The school also offers research fellowship opportunities at the postdoctoral level through the National Research Council research associateship program. NPS offers graduate programs through four graduate schools and 12 departments. The NPS student population is mostly active-duty officers from all branches of the U.S. Military, although United States Government civilians and members of foreign militaries can also matriculate under a variety of programs. For more information, please visit: http://www.nps.edu/

Naval War College (NWC). NWC is an accredited Professional Military Education institution providing students with opportunities to join senior and intermediate level United States and international military leaders and distinguished interagency colleagues in an intensive, ten-month program of national security studies. In addition to receiving Joint Professional Military Education certification, graduates who satisfactorily complete course requirements earn a Master of Arts Degree in National Security and Strategic Studies, fully accredited by the New England Association of Schools and Colleges. For more information, please visit: http://www.usnwc.edu/

Transportation Security Administration (TSA) Associates Program. The TSA Associates Program was launched in 2008, and in partnership with local community colleges, provides TSA's frontline workforce with the opportunity to receive a TSA Certificate of Achievement and pursue an associate's degree in homeland security. The program enables officers to enhance their career while working for TSA by holding classes at or near airports. For more information, please visit:
http://www.tsa.gov/press/releases/2012/02/24/tsa-education-program-expands-employees-all-50-states

U.S Coast Guard Academy (USCGA). The USCGA is one of the five Federal military service academies. Located in New London, CT, the Academy's mission is to produce leaders of character for service to the nation. About 300 high school graduates enroll annually, leaving four years later with a Bachelor of Science degree and commission as an Ensign. For more information, please visit: http://www.cga.edu/

U.S. Coast Guard (USCG) Auxiliary University Program (AUP). Students enrolled in the USCG AUP program complete either a two or four-year program of study incorporating basic Coast Guard and maritime education, operational training, leadership development and more advanced maritime safety and homeland security topics. Participants work together virtually from their home campuses in a variety of subjects ranging from telecommunications to leadership and management as they connect knowledge gained in the classroom with on the job experience in the field. Students that complete specified requirements are designated as an "AUP Graduate" by USCG. For more information, please visit: http://www.cgauxedu.us/

Campus Resilience and Emergency Management

Campus resilience and emergency management involves colleges' and universities' abilities to prepare for, protect against, respond to, recover from and mitigate crisis and disaster situations, which aligns with DHS's goal to build a more resilient nation.

Academia and Resilience Web Page. The Federal Emergency Management Agency's (FEMA) Academia and Resilience web page provides tools, resources, program guides and training information for campus emergency managers, faculty and students. For more information, please visit:
http://www.fema.gov/academia-resilience

Active Shooter Preparedness. DHS offers a comprehensive Active Shooter Preparedness web portal, which contains courses, materials and workshops for a variety of stakeholders, including the academic community. The portal features a webinar specifically for security officers at K-12 schools, which offers guidance on conducting security assessments of school facilities. For more information, please visit:
http://www.dhs.gov/active-shooter-preparedness

Building a Disaster-Resistant University. "Building a Disaster-Resistant University" is a how-to guide and a distillation of the experiences of six universities and colleges that have been working to become more disaster-resistant. The guide provides basic information designed for institutions just getting started, as well as for institutions that have already begun to take steps to becoming more disaster-resistant. For more information, please visit:
https://www.fema.gov/media-library/assets/documents/2288?id=1565

Community Emergency Response Team (CERT) Programs. The CERT programs educate people about disaster preparedness for hazards that may impact their area and trains them in basic disaster response skills, such as fire safety, light search and rescue, team organization and disaster medical operations. Using the training learned in the classroom and during exercises, CERT members can assist others in their neighborhood or workplace following an event when professional responders are not immediately available to help. For more information, please visit:
https://www.fema.gov/community-emergency-response-teams

DHS State and Local Law Enforcement Resource Catalog. The DHS State and Local Law Enforcement Catalog highlights DHS resources available to state, local, tribal and territorial law enforcement. The guide provides summaries of, and links to, training, publications, guidance, alerts, newsletters, programs and services available to non-Federal law enforcement from across DHS. For more information, please visit:
http://dhs.gov/publication/dhs-state-and-local-law-enforcement-resource-catalog

Law Enforcement Conferences, Gatherings, and Meetings. The Office for State and Local Law Enforcement maintains a comprehensive list of law enforcement conferences, gatherings and meetings across the country. These events provide campus law enforcement professionals training opportunities and the ability to share best practices with other members of the law enforcement community. For more information, please visit:
https://www.dhs.gov/sites/default/files/publications/Policy-OSLLE/2016-law-enforcement-conference-gatherings-and-meetings-2-22-2016.pdf

Guide for Developing High Quality Emergency Operations Plans for Institutions of Higher Education (IHEs). The Guide provides guidance to IHEs on best practices for taking preventative and protective measures to stop an emergency from occurring or reduce the impact of an incident. The guide aligns and builds upon years of emergency planning work by the Federal government and is a joint product of DHS and the Departments of Justice, Education and Health and Human Services. They are customized to each type of community, and IHEs can use them to create new plans as well as to revise and update existing plans. For more information, please visit:
http://www.fema.gov/media-library-data/20130726-1922-25045-3638/rems_ihe_guide.pdf

National Seminar and Tabletop Exercise Series for Institutions of Higher Education. Coordinated by FEMA and the Office of Academic Engagement, the National Seminar and Tabletop Exercise for Institutions of Higher Education is a series of campus-based events to test and promote campus resilience and emergency preparedness. The series brings together senior higher education leaders, as well as federal, state and local representatives from departments and agencies that support campus resilience to participate in workshops and work through a designed emergency scenario. For more information, please visit: https://www.dhs.gov/nttx

Protective Security Advisor (PSA) Program. DHS provides local critical infrastructure protection support and guidance for academic institutions through the PSA Program. PSAs serve as local DHS representatives for security officers at schools and institutions of higher education and coordinate requests for training and grants. PSAs also conduct specialized security assessments of school facilities that assist schools in identifying potential security vulnerabilities and risks. For more information, please visit: http://www.dhs.gov/protective-security-advisors

Research on Threat Assessments and Various Types of Targeted Violence on Campuses. The United States Secret Service (USSS) provides research and reports on violence at schools and institutions of higher education. Released in April 2010, Campus Attacks: Targeted Violence Affecting Institutions of Higher Education, contains information useful for campus safety professionals charged with identifying, assessing and managing violence risk at institutions of higher education. Additionally, the Safe School Initiative, a study of attacks on K-12 schools, was released in 2002. For more information, please visit:

https://www.secretservice.gov/data/protection/ntac/CampusAttacks041610.pdf

Tabletop and Emergency Planning Exercises. FEMA offers free, downloadable tabletop and emergency planning exercises and presentations for the private sector, including academic institutions. The exercises are designed to help organizations such as schools test emergency situations, such as a natural or man-made disaster, evaluate their ability to coordinate and test their readiness to respond. For more information, please visit: http://www.fema.gov/emergency-planning-exercises

United States Computer Emergency Readiness Team (US-CERT). US-CERT provides publications, alerts and tips and resources about cybersecurity and cyber threats. For more information, please visit: http://www.us-cert.gov/

Career and Internship Opportunities

The Department of Homeland Security offers a variety of prestigious scholarships, fellowships, internships and training opportunities to expose talented students to the broad national security mission.

DHS Internship Programs. The Department of Homeland Security offers a variety of prestigious scholarships, fellowships, internships and training opportunities to expose talented students to the broad national security mission. For more information, please visit: http://www.dhs.gov/student-opportunities-0

Cyber Student Volunteer Initiative. The Cyber Student Volunteer Initiative (CSVI) offers summer opportunities to current undergraduate and graduate students. This nationwide program provides students the chance to gain invaluable hands-on cyber experience through challenging work projects, real-life scenarios, and mentoring from DHS cybersecurity professionals. This initiative provides a way for the Department to expand the pipeline of future cyber talent which is needed to execute the unique cybersecurity missions at DHS Component. For more information, please visit: http://www.dhs.gov/cybersecurity-internship-program

Office of Intelligence and Analysis Internship Program. The Office of Intelligence and Analysis (I&A) Internship Program is for current undergraduate and graduate students looking to begin an exciting career in homeland security and intelligence. I&A offers internships in the functional areas of Intelligence Analysis, Intelligence Operations, Mission Support, Information Technology, and Data Science. The I&A Internship Program is designed to provide the experience and skills needed to produce capable and well-rounded Homeland Security intelligence professionals. For more information, please visit: https://www.dhs.gov/homeland-security-careers/office-intelligence-and-analysis-internship-program

U.S. Customs and Border Protection (CBP) Explorer Program. The CBP Explorer Program offers opportunities in character building, good citizenship, and fitness for young men and women ages 14 through 21. CBP has Law Enforcement Explorer Posts, both at ports of entry and at Border Patrol sectors, which provide Explorers with practical training and hands-on experience in federal law enforcement-related activities. For more information, please visit: http://www.dhs.gov/cbp-explorer-program

The Federal Law Enforcement Training Centers (FLETC) College Intern Program. The Federal Law Enforcement Training Centers (FLETC) College Intern program (CIP) provides opportunities for college students majoring in criminal justice, criminology, business, information technology, and social science-related fields of study to participate in a federal law enforcement training environment. For more information, please visit: http://www.fletc.gov/student-information/college-intern-program/

Office of the General Counsel's (OGC) Law Student Summer Volunteer Program. The OGC Law Student Summer Volunteer Program provides law students the opportunity to work at DHS in unpaid, volunteer positions in OGC's Office at DHS Headquarters in Washington, D.C. Summer Law Volunteers work on assignments that offer both valuable experience and substantial individual responsibility. For more information, please visit: http://www.dhs.gov/general-counsel-law-student-summer-volunteer-program

Homeland Security Related Science, Technology, Engineering, and Mathematics (HS-STEM) Internship Program. DHS Science and Technology Directorate Office of University Programs sponsors a 10-week summer internship program for students majoring in homeland security related science, technology, engineering and mathematics (HS-STEM) disciplines. The program provides students with quality research experiences at federal research facilities located across the country and allows students the opportunity to establish connections with DHS professionals. It is open to undergraduate and graduate students in a broad spectrum of HS-STEM Disciplines and DHS mission-relevant Research Areas. The ultimate goals of the program are to engage a diverse, educated and skilled pool of scientists and engineers in HS-STEM areas and to promote long-term relationships between students, researchers, DHS

DHS Stakeholder Engagement Assessment and research facilities to enhance the HS-STEM workforce. For more information, please visit: http://www.orau.gov/dhseducation/internships/index.html

Federal Virtual Training Environment (FedVTE).
Federal Virtual Training Environment (FedVTE) is a free online, on-demand cybersecurity training system that is available at no charge to for government personnel and veterans. Managed by DHS, FedVTE contains more than 800 hours of training on topics such as ethical hacking and surveillance, risk management, and malware analysis. For more information, please visit: https://niccs.us-cert.gov/training/federal-virtual-training-environment-fedvte

Loaned Executive Program. The Loaned Executive Program is a special opportunity (unpaid) that provides top executive-level talent from the private sector an opportunity to share their expertise with Homeland Security to fill special, discrete needs. Through the Loaned Executive Program, Homeland Security is working with the private sector on innovative solutions to our homeland security challenges. The Department is looking to the nation's top executives and industry experts to partner with us as we strive to solve problems, improve processes, and fully realize our mission. By serving as a loaned executive, you will have an opportunity to make a meaningful difference by protecting our nation. For more information, please visit: http://www.dhs.gov/loaned-executive-program

U.S. Coast Guard (USCG) Morale, Well-Being, and Recreation (MWR) Internships.

Coast Guard MWR provides a variety of recreational, sports, and leisure programs and services for all eligible patrons. The MWR Intern Program offers students earning college credit toward a degree in a MWR-related field the opportunity to gain hands-on experience, while assisting with our mission to uplift the spirits of the Coast Guard Family. For more information, please visit: http://www.uscg.mil/mwr/intern/MWRInternships.asp

National Consortium for the Study of Terrorism and Responses to Terrorism (START). START offers unpaid internships year-round on a variety of research projects. During their internship, participants are exposed to the most up-to-date theories, methods and information related to the study of terrorism. They are versed in critical questions being tackled by homeland security practitioners, policy makers and researchers, and mentored in a professional environment geared toward student success. The program is designed to prepare the next generation of homeland security scholars and practitioners through real-world research experience. For more information, please visit: http://www.start.umd.edu/education/internships

National Initiative for Cybersecurity Careers and Studies (NICCS). The NICCS website serves as a national resource for the government, industry, academia and the public to learn about cybersecurity awareness, education, careers and workforce development opportunities. It includes the Cybersecurity Training and Education Catalog, which serves as a central resource of cybersecurity training courses. For more information, please visit: http://niccs.us-cert.gov/

Nuclear Forensics Graduate Fellowship Program (NFGFP). Jointly sponsored by DHS and the Department of Defense, NFGFP provides support to graduate students pursing doctoral degrees in nuclear, geochemical and other disciplines directly related to nuclear forensics. Fellows gain unique, hands-on experience through two 10-week laboratory practicums at a Department of Energy national laboratory, Department of Defense laboratory, or a Federal agency conducting research related to technical nuclear forensics and close interaction with technical and policy experts throughout the nuclear forensics community. For more information, please visit: http://www.scuref.org/nfgf-01/

Nuclear Forensics Undergraduate Scholarship Program (NFUSP). Sponsored by the DHS Domestic Nuclear Detection Office, NFUSP provides scholarships to qualified undergraduate students pursuing degrees in disciplines relevant to technical nuclear forensics including physics, chemistry, nuclear engineering, and material science. Students gain hands-on experience at Department of Energy national laboratories and close interaction with experts throughout the national nuclear forensics community. For more information, please visit: http://www.scuref.org/nfus-01/

Office of Health Affairs (OHA) Volunteer Scholars Program. The OHA Volunteer Scholars Program offers part-time or full-time unpaid opportunities for students interested in medical and health matters. Opportunities are available in Washington, D.C. and last four weeks. For more information, please visit:

DHS Stakeholder Engagement Assessment
http://www.dhs.gov/oha-volunteer-scholars-program

Office of Public Affairs (OPA) Summer Internship Program. The DHS OPA Internship Program offers unpaid summer internships at DHS Headquarters in Washington, D.C. to current post-secondary students. Interns work on various projects related to the mission of OPA in the following areas: internal communications, incident communications, press office, speechwriting, strategic communications, new media and web communications and still photography. For more information, please visit:
https://www.dhs.gov/homeland-security-careers/public-affairs

Pathways Programs. The Pathways Programs offers clear paths to federal internships for students from high school through post-graduate school and to careers for recent graduates, and provide meaningful training and career development opportunities for individuals who are at the beginning of their federal service. As a student or recent graduate, you can begin your career in the federal government by choosing the path that best describes you and where you are in your academics. For more information, please visit:
http://www.dhs.gov/student-opportunities-0

CyberCorps®: Scholarship for Service (SFS). CyberCorps®: Scholarship for Service (SFS) is a unique program designed to increase and strengthen the cadre of federal information assurance professionals that protect the government's critical information infrastructure. This program provides scholarships that may fully fund the typical costs incurred by full-time students while attending a participating institution, including tuition and education and related fees. The scholarships are funded through grants awarded by the National Science Foundation. For more information, please visit:
http://www.sfs.opm.gov/

Seaborg Institute Nuclear Science Summer Internship Program. The Seaborg Institute Nuclear Science Summer Internship Program is a specialized internship program that seeks graduate students from research universities across the nation to work in critical skills areas related to nuclear forensics. Students are given an opportunity to join scientists in independent research projects at a national laboratory and are teamed with mentors who can help hone their skills and guide research projects for advanced degrees. For more information, please visit:
http://www.dhs.gov/seaborg-institute-nuclear-science-summer-internship-program

Secretary's Honors Program (SHP) Cyber Student Volunteer Initiative. The SHP Cyber Student Volunteer Initiative is an unpaid student volunteer program for college students pursuing a program of study in a cybersecurity-related field. Student volunteers in the program gain invaluable hands-on experience and exposure to the work done by DHS cybersecurity professionals, and perform a broad range of duties in support of DHS's cybersecurity mission. For more information, please visit:
https://www.dhs.gov/homeland-security-careers/cybersecurity-internship-program

Summer Research Team Program. Early career faculty and up to two students from Minority Serving Institutions (MSI) are selected as teams to participate in the Summer Research Team Program. The team conducts research at one of the twelve U.S. Department of Homeland Security Centers of Excellence and their partners for ten weeks during the summer. The program is designed to provide research opportunities to increase and enhance the scientific leadership at MSIs in research areas that support the mission and goals of the Department. For more information, please visit:
http://www.dhs.gov/summer-research-team-program

USCG College Student Pre-Commissioning Initiative (CSPI). The USCG CSPI scholarship program provides full payment of school tuition, fees, textbooks, salary, medical insurance and other benefits during a student's junior and senior year of college for students enrolled in an accredited college or university designated as a Historically Black College and University, a Hispanic-serving Institution, or a Tribal College and University. The scholarship also provides students with leadership, management, law enforcement, navigation and marine science skills and training, with the goal of training future officers for success and preparing them for Officer Candidate School. For more information, please visit:
http://www.gocoastguard.com/find-your-career/officer-opportunities/programs/college-student-pre-commissioning-initiative-(scholarship-program)

Cybersecurity

Cyber intrusions and attacks have increased dramatically over the last decade, and the landscape of cyber threats is constantly evolving. To ensure a stable, safe and resilient cyberspace, DHS provides several cybersecurity tools and programs.

National Centers of Academic Excellence in Cyber Defense. The National Security Agency (NSA) and the Department of Homeland Security (DHS) jointly sponsor the National Centers of Academic Excellence in Cyber Defense (CAE-CD) program. The goal of the program is to reduce vulnerability in our national information infrastructure by promoting higher education and research in cyber defense and producing professionals with cyber defense expertise for the Nation. For more information, please visit: https://www.nsa.gov/resources/educators/centers-academic-excellence/cyber-defense/

Critical Infrastructure Cyber Community (C³) **Voluntary Program**. To meet growing technological needs and to protect against evolving cyber threats, DHS is engaging with the academic community to increase cybersecurity awareness, incentivize cybersecurity, encourage the adoption of best practices, and implement a shared sense of responsibility for cybersecurity at universities and colleges. For more information, please visit: https://www.us-cert.gov/ccubedvp/getting-started-academia

Cyber Resilience Review (CRR). The CRR is a no-cost, voluntary, non-technical assessment to evaluate an organization's operational resilience and cybersecurity practices. The CRR may be conducted as a self-assessment or as an on-site assessment facilitated by DHS cybersecurity professionals. The review assesses enterprise programs and practices across a range of ten domains including risk management, incident management, service continuity and others. For more information, please visit: http://www.us-cert.gov/ccubedvp/self-service-crr

Cyber Security Advisors (CSAs). CSAs are regionally located DHS personnel who direct coordination, outreach, and regional support to protect cyber components essential to the sustainability, preparedness, and protection of the Nation's critical infrastructure and SLTT governments. CSAs offer immediate and sustained assistance to prepare and protect SLTT governments and private entities. For more information, please visit: http://www.us-cert.gov/ccubedvp/getting-started-academia

Cybersecurity Evaluation Tool (CSET®). The Cyber Security Evaluation Tool (CSET®) is a DHS product that assists organizations in protecting their key national cyber assets. It was developed by cybersecurity experts under the direction of the DHS Industrial Control Systems Cyber Emergency Response Team. The tool provides users with a systematic and repeatable approach to assessing the security posture of their cyber systems and networks. It includes both high-level and detailed questions related to all industrial control and IT systems. For more information, please visit: http://ics-cert.us-cert.gov/assessments

National Cybersecurity & Communications Integration Center (NCCIC). The NCCIC is a 24x7 cyber situational awareness, incident response, and management center that is a national nexus of cyber and communications integration for the Federal Government, intelligence community, and law enforcement. For more information, please visit: https://www.dhs.gov/about-national-cybersecurity-communications-integration-center

National Initiative for Cybersecurity Education (NICE). The National Initiative for Cybersecurity Education (NICE), led by the National Institute of Standards and Technology (NIST), is a partnership between government, academia, and the private sector focused on cybersecurity education, training, and workforce development. The mission of NICE is to energize and promote a robust network and an ecosystem of cybersecurity education, training, and workforce development. NICE fulfills this mission by coordinating with government, academic, and industry partners to build on existing successful programs, facilitate change and innovation, and bring leadership and vision to increase the number of skilled cybersecurity professionals helping to keep our Nation secure. For more information, please visit: http://csrc.nist.gov/nice/about/index.html

Protective Security Advisor (PSA) Program. DHS provides local critical infrastructure protection support and guidance for academic institutions through the PSA Program. PSAs serve as local DHS representatives for security officers at schools and institutions of higher education and coordinate requests for training and grants. PSAs also conduct specialized security assessments of school facilities that assist schools in identifying potential security vulnerabilities and risks. For more information, please visit: http://www.dhs.gov/protective-security-advisors

Software Assurance Market Place (SWAMP). SWAMP is an online, open-source, collaborative research environment that allows software developers and researchers to test their software for security weaknesses, improve tools by testing against a wide range of software packages and interact and exchange best practices to improve software assurance tools and techniques. For more information, please visit: https://www.mir-swamp.org/

Stop. Think. Connect. The Stop.Think.Connect. Campaign is a national public awareness campaign aimed at increasing the understanding of cyber threats and empowering the American public to be safer and more secure online. Cybersecurity is a shared responsibility. We each have to do our part to keep the Internet safe. When we all take simple steps to be safer online, it makes using the Internet a more secure experience for everyone, please visit: http://www.dhs.gov/stopthinkconnect

Stop.Think.Connect. Academic Alliance. Opportunities with technology and the Internet appear to have no limit. Academia is often at the forefront of expanding our ever-evolving cyber universe. As new ground is forged and the benefits of a digitally connected world are enhanced, academia has an opportunity to lead by example in ensuring the online practices of students, faculty, staff, alumni, and the community are as secure as possible. The Stop.Think.Connect. Academic Alliance is a nationwide network of nonprofit colleges and universities committed to promoting safer online practices. For more information, please visit: http://www.dhs.gov/stopthinkconnect-academic-alliance

United States Computer Emergency Readiness Team (US-CERT). US-CERT strives for a safer, stronger Internet for all Americans by responding to major incidents, analyzing threats, and exchanging critical cybersecurity information with trusted partners around the world. For more information, please visit: http://www.us-cert.gov/

Grants and Funding Opportunities

DHS provides several grant and funding opportunities to states, urban areas, tribal and territorial governments, non-profit agencies and the private sector to strengthen our nation's ability to prevent, protect, mitigate, respond to and recover from terrorist attacks, major disasters and other emergencies in support of the National Preparedness Goal and the National Preparedness System.

Centers of Excellence (COEs). The DHS S&T Centers of Excellence (COEs) develop multidisciplinary, customer-driven, homeland security science and technology solutions and help train the next generation of homeland security experts. For more information, please visit: http://www.dhs.gov/st-centers-excellence

Citizenship and Integration Grant Program. The Citizenship and Integration Grant Program has been a part of a multifaceted effort to provide citizenship preparation resources, support, and information to immigrants and immigrant-serving organizations since 2009. The program has awarded a total of $63 million through 308 competitive grants to immigrant-serving organizations in 37 states and the District of Columbia. The program has helped more than 156,000 permanent residents prepare for U.S. citizenship. For more information, please visit: https://www.uscis.gov/citizenship/organizations/ grant-program

Countering Violent Extremism (CVE) Grant Program. The Department of Homeland Security Countering Violent Extremism Grant Program is the first federal grant funding available to non-governmental organizations (NGOs) and institutions of higher education to carry out countering violent extremism programs.

These grants will provide state, local and tribal partners and community groups—religious groups, mental health and social service providers, educators and other NGOs—with the ability to build prevention programs that address the root causes of violent extremism and deter individuals who may already be radicalizing to violence. For more information, please visit: https://www.dhs.gov/cvegrants

Pre-Disaster Mitigation Grant Program (PDM). The PDM Program provides funds to states, territories, tribal governments, communities and universities for hazard mitigation planning and the implementation of mitigation projects prior to a disaster event. Funding these plans and projects reduces overall risks to the population and structures, while also reducing reliance on funding from actual disaster declarations. For more information, please visit: http://www.fema.gov/pre-disaster-mitigation-grant-program

Preparedness (Non-Disaster) Grants. FEMA provides state and local governments with preparedness program funding in the form of Non-Disaster Grants to enhance the capacity of state and local emergency responders to prevent, respond to, and recover from a weapons of mass destruction terrorism incident involving chemical, biological, radiological, nuclear, and explosive devices and cyber-attacks. For more information, please visit: http://www.fema.gov/preparedness-non-disaster-grants

Scientific Leadership Awards (SLAs). The DHS Scientific Leadership Award Program helps develop enduring homeland security science and engineering research and education programs at MSIs by supporting the development of homeland security science and engineering teaching initiatives, curriculum development and scholarships. These awards support the development of enduring educational and research capabilities within the MSI communities, which include Historically Black Colleges and Universities, Hispanic Serving Institutions and Tribal Colleges and Universities. Each Scientific Leadership Award recipient is required to partner with a COE. For more information, please visit: https://www.dhs.gov/science-and-technology/minority-serving-institutions-program

Student Tools for Emergency Planning (STEP). The STEP Program was designed by teachers and provides students and their families with concrete strategies to prepare for and deal with various emergencies. For more information, please visit: http://www.fema.gov/student-tools-emergency-planning-step

International Students

International students bring invaluable contributions to our nation, and DHS is committed to advancing the opportunities for international students to study in America while maintaining the integrity of the immigration process.

Alien Flight Student Program (AFSP). AFSP screens prospective non-citizen flight student candidates before they can undergo flight training in the United States. AFSP was created in response to the September 11, 2001 attacks. The mission of the program is to ensure that international students seeking training at flight schools regulated by the Federal Aviation Administration do not pose a threat to aviation or national security. For more information, please visit: http://www.flightschoolcandidates.gov/afsp2/?act_type=c&section=WN

Arrival/Departure Enforcement. U.S. Customs and Border Protection (CBP) directly interacts with international students as they enter, and exit, the United States at designated ports of entry. CBP officers are responsible for inspecting the necessary paper work international students must have in order to legally study in the United States. For more information, please visit: https://www.cbp.gov/newsroom/spotlights/arrivaldeparture-history-now-available-i-94-webpage

E-Verify. Prospective employers use E-Verify to validate an international student's eligibility to work in the U.S. For more information, please visit: http://www.uscis.gov/e-verify

Field Representative Unit. Field representatives are part of the Student and Exchange Visitor Program (SEVP) and serve as direct day-to-day liaisons between SEVP and certified schools, and those schools seeking initial SEVP certification. The SEVP Field Representative Unit enhances national security by fostering regulatory adherence and Student and Exchange Visitor Information System data integrity. For more information, please visit: http://www.ice.gov/sevis/schools#tab3

Entrepreneur Pathways. Entrepreneur Pathways is designed to enhance communications with the entrepreneurial community and provide foreign entrepreneurs with the tools and information to determine which visa category is most appropriate for their circumstance. For more information, please visit: http://www.uscis.gov/eir

Entrepreneurs in Residence (EIR). Ending in 2013, EIR was an initiative to utilize industry expertise to strengthen DHS's policies and practices surrounding immigrant investors, entrepreneurs and workers with specialized skills, knowledge or abilities. The initiative included outreach to student entrepreneurs, by identifying better ways to reach student entrepreneurs and disseminating information about the immigration pathways that may allow international students to stay in the United States to start a business after completing their education. For more information, please visit: http://go.usa.gov/TfuG

Project CAMPUS Sentinel. Project CAMPUS Sentinel is an outreach initiative that focuses on opening communication channels between school officials and local United States Immigration and Customs Enforcement (ICE) agents. Through this outreach, ICE works to build partnerships between ICE field offices and schools to detect and combat school fraud and visa exploitation. For more information, please visit: https://www.ice.gov/counterterrorism-and-criminal-exploitation-unit

USCIS Service Center Adjudications. Service Center adjudicators review international student applications for immigration benefits such as employment, practical training, and change of nonimmigrant status. For more information, please visit: http://www.uscis.gov/visit-united-states/change-my-nonimmigrant-status-category/change-my-nonimmigrant-status

Student and Exchange Visitor Program (SEVP). SEVP acts as a bridge for government organizations that have an interest in information on international students. SEVP certifies United States institutions to enroll international students and monitors school and international student compliance through the online database, the Student and Exchange Visitor Information System (SEVIS). For more information, please visit: http://www.ice.gov/sevis/

SEVP Response Center (SRC). The Student and Exchange Visitor Program (SEVP) SRC serves as the single point of contact for international students and school officials for questions related to policy and process. SRC staff receives questions via telephone and e-mail, serving as the voice of SEVP for the program's stakeholders on a day-to-day basis. For more information, please visit: http://studyinthestates.dhs.gov/contact

Study in the States. The Study in the States initiative includes a focus on streamlining the student visa process, enhancing coordination among government agencies and keeping international students better informed about student visa rules and regulations. As part of the overall initiative, the Student and Exchange Visitor Program launched the Study in the States website, which serves as an innovative information hub for the international student community by bringing together the various Federal agencies that play a role in implementing our student visa and exchange visitor programs. It offers the latest information and resources for international students and school officials through blog posts, news articles, interactive guides and videos. For more information, please visit: http://studyinthestates.dhs.gov/

Systematic Alien Verification for Entitlements (SAVE) Program. SAVE is an inter-governmental initiative designed to aid benefit-granting agencies in determining an applicant's immigration status. Federal, state or local government agencies or licensing bureaus participate in SAVE to verify immigration status of individuals requesting benefits. The program is an information service for benefit-granting agencies, institutions, licensing bureaus and other governmental entities. For more information, please visit: http://www.uscis.gov/save

Web-based Training Course for Designated School Officials. The Student and Exchange Visitor Program (SEVP) web-based training course titled "SEVIS Training for School Officials" is a training which provides instructions to designated school officials their responsibilities and those of the foreign students in meeting their obligations in Student and Exchange Visitor Information System (SEVIS). The course will assist newly designated school officials who need additional guidance on completing various actions required to update and maintain student information in SEVIS, it will also serve as a useful resource tool for the veteran school officials. For more information, please visit: http://www.ice.gov/sevis/schools

Public Awareness Campaigns

DHS works to engage and educate the public as well as private sector partners through events and initiatives with the goal of raising awareness about homeland security and increasing the resiliency of the nation in the event of a terrorist attack, major disaster, or other emergency.

Campus Outreach. The Office for Civil Rights and Civil Liberties holds roundtable discussions and other events at campuses and with young leaders as part of its community engagement efforts. For more information, please visit: http://www.dhs.gov/topic/civil-rights-and-civil-liberties

DHS Blue Campaign. The DHS Blue Campaign is a DHS-wide initiative to coordinate and enhance DHS's anti-human trafficking efforts. The campaign offers comprehensive resources for recognizing the indicators of human trafficking and knowing how to report suspected instances of human trafficking to law enforcement, as well as resources for potential victims. For more information, please visit: http://www.dhs.gov/blue-campaign

DHS for a Day. The DHS for a Day program is designed to increase public-private collaboration across the country through increased education and awareness activities. The program has included events specifically for members of the academic community, including college and university presidents and campus law enforcement. For more information, please visit: http://www.dhs.gov/about-dhs-day

If You See Something, Say Something ™ campaign. The If You See Something, Say Something™ campaign is a program to raise public awareness of indicators of terrorism and terrorism-related crime and to emphasize the importance of reporting suspicious activity to the proper state and local law enforcement authorities. DHS offers a variety of digital and print marketing materials for academic institutions as part of the campaign. For more information, please visit: http://www.dhs.gov/if-you-see-something-say-something-campaign

Ready Campaign. Launched in February 2003 and run by the Federal Emergency Management Agency, Ready is a national public service advertising campaign designed to educate and empower Americans to prepare for and respond to emergencies including natural disasters and potential terrorist attacks. The campaign includes training and planning resources for the higher education community, through its Campus Ready program. For more information, please visit: http://www.ready.gov/campus

Stop. Think. Connect. The Stop.Think.Connect. Campaign is a national public awareness campaign aimed at increasing the understanding of cyber threats and empowering the American public to be safer and more secure online. Cybersecurity is a shared responsibility. We each have to do our part to keep the Internet safe. When we all take simple steps to be safer online, it makes using the Internet a more secure experience for everyone, please visit: http://www.dhs.gov/stopthinkconnect

Youth Preparedness Council. The Federal Emergency Management Agency (FEMA) provides multiple resources to educate children about emergency preparedness and encourages them to bring practical information home to their parents. As part of this effort, FEMA announced the formation of its first Youth Preparedness Council in July 2012. The Council supports FEMA's emphasis on, and dedication to, involving the whole community in preparedness related activities. A select group of youth leaders serve on a national council and voice their opinions, experiences, ideas, and solutions to help strengthen the nation's resiliency for all types of disasters. For more information, please visit: http://www.ready.gov/youth-preparedness

Research

DHS taps the expertise of the nation's institutions of higher education to address pressing homeland security needs and incorporate scientific findings into DHS's operations.

National Centers of Academic Excellence in Cyber Defense. The National Security Agency (NSA) and the Department of Homeland Security (DHS) jointly sponsor the National Centers of Academic Excellence in Cyber Defense (CAE-CD) program. The goal of the program is to reduce vulnerability in our national information infrastructure by promoting higher education and research in cyber defense and producing professionals with cyber defense expertise for the Nation. For more information, please visit: https://www.nsa.gov/resources/educators/centers-academic-excellence/cyber-defense/

Centers of Excellence (COEs). The COE network is an extended consortium of hundreds of universities generating ground-breaking ideas for new technologies and critical knowledge, while also relying on each other's capabilities to serve DHS's many mission needs. For more information, please visit: http://www.dhs.gov/st-centers-excellence

Summer Research Team Program for Minority Serving Institutions (MSIs). The DHS Summer Research Team Program for MSIs provides research opportunities to increase and enhance scientific leadership at MSIs in research areas that support the mission and goals of DHS. In addition, the program is designed to provide faculty and students with limited DHS research experience an opportunity to understand the mission and research needs of DHS and make advances in research areas of importance to DHS, while strengthening the talent pool of scientists and engineers. For more information, please visit: http://www.orau.gov/dhseducation/faculty/index.html