The Department of Geography and Environmental Engineering

2016 AIAD Opportunities
Department of Geography and Environmental Engineering

As of 4 Dec 15
Administrative Notes

• The list of AIADs on the following pages is current as of December 4th, 2016. If you are interested in any particular AIAD, contact the OIC to notify them of your interest and find out if there are any steps you must take to be considered.

• You will also need to select your preferences for AIADs in CIS. The window for this is 19-22 January 2016.

• If you want to participate in an overseas AIAD, you will need an official passport. The OIC will direct you through this process. But to do this you will need to submit your tourist (blue) passport or a certified copy of your birth certificate, so ensure you have one or the other to submit. Realize also that if you submit your tourist passport as identification, you will likely not have it back by Spring Break.
IAD #: 13565 and 13567  
Title: JINSA Service Academy Trip to Israel  
Location: Israel, including Jerusalem, Haifa, Golan, Eilat, Negev Desert  
Sponsoring Agency: Jewish Institute for National Security Affairs (JINSA)  
First iteration: 08 JUN to 23 JUN or 25 JUL to 09 AUG (IAD # 13565);  
Second Iteration: 27 JUN to 12 JUL (IAD # 13567)  
Duration: 16 days

Sponsored by the Jewish Institute for National Security Affairs (JINSA), Cadets will travel to Israel with Cadets and Midshipmen from the U.S. Air Force and Naval Academies for 16 days. The group will tour and study historical, cultural, economic, and religious sites as well as travel to various military bases to observe training exercises and participate in staff rides. The first week consists of exploring Jerusalem and the surrounding area. The second week is spent touring military and biblical sites in the coastal and Sea of Galilee, the Negev Desert and Dead Sea Valley. The final week is spent working with Israeli Defense Force (IDF) and touring various IDF installations. Cadets will complete special readings and attend lectures/briefings given by members of the Hebrew University, Israeli Defense Force and the U.S. Embassy in order to gain a better insight to relevant social, economic, cultural and political issues of the region. Each cadet is required to produce a 2-3 page paper on an approved topic to forward to JINSA upon return. Prerequisites for this IAD are an interview and country clearance. There are two opportunities for this IAD this summer: the first runs from 08 JUN- 23 JUN OR 25 JUL- 09 AUG; OIC is MAJ Colin Tansey at x4658 or colin.tansey@usma.edu. The second runs from 27 JUN – 12 JUL; OIC is MAJ Gavin Schwan at x3540 or gavin.schwan@usma.edu. Interested Cadets should contact the respective OIC and schedule an office call.

IAD #: 13651  
Title: Urban growth and Vulnerability in Uganda  
Location: Kampala, Uganda  
Sponsoring Agency: Dept. of Geography and Environmental Engineering  
Dates: 01 JUN- 19 JUN  
Duration: 19 days

This is an opportunity for 1-2 USMA Cadets will visit Uganda from 1 JUN to 19 JUN to study urban growth and household vulnerability. This research is funded by a Minerva Research grant. Each cadet is required to write blog entries for Center of Network Sciences Blog and continue with this research upon return to USMA. Ideally, the cadets chosen will use this research as part of their honors thesis. This project involves an interdisciplinary study of the human and physical landscapes, population dynamics, environmental constraints, and economic activity within the urban and peri-urban environments in Uganda. To express interest or obtain further information, contact Dr. Amy Krakowka at x3735 or amy.krakowka@usma.edu.
IAD #: 13665
Title: Analyzing and simulating Socio-cultural Dimensions of Dense Urban Environments
Location: Aberdeen Proving Ground, Maryland
Sponsoring Agency: Army Research Laboratory
Dates: TBD, flexible
Duration: approximately 21 days (3 weeks)

This is an opportunity for one (1) cadet to work with work at Army Research Lab's Human Research and Engineering Directorate (ARL-HRED) to identify key sociocultural dimensions and then assist in the development of a mission command simulation of full spectrum operations in a dense urban environment. Prerequisites: Humanities or Social Sciences Major with interest in urban studies. Experience conducting basic research in Humanities and Social Sciences. Cadet will contribute key concepts from academic literature on socio-cultural dimensions of dense urban environments and how those dimensions would be best simulated. To express interest or obtain further information, contact Dr. Richard Wolfel at x8798 or richard.wolfel@usma.edu.
IAD #: 13631  
Title: US Institute of Peace (USIP)  
Location: Washington, DC  
Sponsoring Agency: US Institute for Peace (USIP)  
Dates: Flexible, TBD  
Duration: 21 days (3 weeks)

This is an opportunity for four (4) Cadets to intern at the US Institute of Peace in Washington, DC. USIP is the U.S.’s global conflict management center and was created by Congress to be independent and nonpartisan, working to prevent, mitigate and resolve international conflict through nonviolent means. USIP organizes its work in accordance with the three phases of conflict: prevention, mediation and resolution, and post-conflict stabilization. The Institute is made up of three centers, with a fourth set of centers whose issues cross each phase of conflict. USIP seeks USMA cadet support for the following centers: 1) Academy for International Conflict Management and Peace-building, 2) Afghanistan-Pakistan Group, 3) Center for Gender and Peace-building, 4) Rule of Law Center. For more information, access USIP’s website at [www.usip.org](http://www.usip.org). To express interest or obtain further information, contact MAJ James Sturm at x3161 or james.sturm@usma.edu.

IAD #: 13652  
Title: NATO Civil-Military Cooperation Center of Excellence (CIMIC COE)  
Location: Enschede, The Netherlands  
Sponsoring Agency: Civil-Military Co-operation Center of Excellence  
Dates: TBD  
Duration: 21 days (3 weeks)

This is an opportunity for four (4) Cadets to intern at the Civil-Military Co-operation Centre Of Excellence (CCOE) in Enschede, The Netherlands. The CIMIC COE is a multinational sponsored, NATO accredited, Center of Excellence. It provides added value, innovative and timely advice, and subject matter expertise on CIMIC for both civilian and military customers. The primary focuses of the organization's efforts are in enhanced education and training along with conceptual and doctrinal development. The CCOE provides interns with an opportunity to learn from the CCOE community and gain a thorough understanding of the organization and CMI/CIMIC in general. For more information, access the Center’s website at [http://www.cimic-coe.org/index.php](http://www.cimic-coe.org/index.php). To express interest or obtain further information, contact CPT Joshua Borrell at x2588 or joshua.borrell@usma.edu.
IAD #: 13633
Title: Civil Affairs
Location: Fort Bragg, NC
Sponsored by: 95th Civil Affairs BDE
Dates: Flexible
Duration: approximately 21 days (3 weeks)

This is an opportunity for Cadets to intern with units of the 95th Civil Affairs Brigade Fort Bragg, NC. Civil Affairs Brigade teams work with U.S. Department of State country teams, government and nongovernmental organizations at all levels and with local populations in peaceful, contingency and hostile environments. The cadet will be expected to participate in Civil Affairs specific training that can and will include both conventional and Special Operations Forces methods including but not limited to: exposure to language training (French), basic and advanced small arms marksmanship, Combatives, Key Leader Engagement (KLE) training, and myriad tactical field work that can, and often does, affect operational lines of effort. To express interest or obtain further information, contact CPT Nicholas Cosmas at x3253 or nicholas.cosmas@usma.edu.

IAD #: 13630
Title: Joint Task Force-Bravo
Location: Soto Cano Air Base, Honduras
Sponsored by: JTF-B
Dates: Flexible
Duration: approximately 21 days (3 weeks)

This is an opportunity for four (4) Cadets to work alongside Civil Affairs leaders and Soldiers of JTF-B in Honduras working on local aid and development projects. Cadets will work within the JTF-Bravo J9 section and participate in civil military engagement (CME) planning, synchronization, and execution designed to counter transnational organized crime, build partnership capacity, and execute foreign humanitarian assistance/disaster response. CME will involve/require interaction and collaboration (supervised) with: U.S. Army, Air Force, and Navy service personnel within JTF-Bravo; Security Cooperation Office Honduras; SOCSOUTH SF, CA, and MIST elements; USG interagency entities; partner nation military units and personnel; partner nation Government officials; partner nation local community leaders; and Non-governmental Organizations (NGOs). Cadets should be able to speak and understand Spanish at an intermediate level. To express interest or obtain further information, contact MAJ Gavin Schwan at x3540 or gavin.schwan@usma.edu.
IAD #: 13634
Title: UAF Polar Security Initiative
Location: Fairbanks, Alaska
Sponsoring Agency: U.S. Army Alaska and the University of Alaska
Dates: TBD, flexible
Duration: approximately 21 days (3 weeks)

This is an opportunity for one (1) cadet to intern with a civil military consortium comprised of US Army Garrison Fort Wainwright Alaska (USAG FWA), the University of Alaska Fairbanks (UAF), the US Center for Island, Maritime, and Extreme Environment Security (CIMES), and the Tribal Government of the Native Village of Tetlin (Tetlin). The UAF Polar Security Initiative offers a creative interdisciplinary research approach, combined with an aggressive academic curricula and professional training program, to generate knowledge that is central to addressing these institutional gaps in capabilities for sustainable Arctic management at the international, national, and local levels. These research approaches will produce information which will enable the United States to achieve operational capacity for Arctic missions dedicated to environmental protection, disaster response, search and rescue, and border security. To express interest or obtain further information, contact CPT Nicholas Cosmas at x3253 or nicholas.cosmas@usma.edu.

IAD #: 13635
Title: Blue Glass Development
Location: Washington, DC
Sponsoring Agency: Blue Glass Development, LLC
Dates: TBD, flexible
Duration: approximately 21 days (3 weeks)

This is an opportunity for one (1) Cadet to intern at Blue Glass Development, With over 20 years of experience in conflict, post-conflict, and transition environments, Blue Glass Development works alongside grassroots partners, the private sector, and governments to bring peace and stability to vulnerable populations with through technical Assistance, Capacity Building and Development and Training, Project Management, and Doctrine and Policy Development. The cadet will assist in research in the areas of the Middle East and transition activities, East Africa/Great Lakes Region, and Pakistan. To express interest or obtain further information, contact MAJ James Sturm at x3161 or james.sturm@usma.edu.
IAD #: 13636  
Title: Creative Associates  
Location: Washington DC  
Sponsored by: Creative Associates International  
Dates: Flexible  
Duration: approximately 21 days (3 weeks)

This is an opportunity for one (1) Cadet to intern at Creative Associates International in Washington DC. Since 1977, when Creative began as a domestic education development firm to its growth internationally, the firm has earned the respect of the U.S. Agency for International Development (USAID), which has funded much of its work, among other clients. The company's transformation has been guided by addressing the needs of under-served communities in conflict and post-conflict environments. Over the years, Creative has become known for innovation, flexibility and technical excellence. Interns will perform a range of tasks in association with the firm’s primary projects and services in Education and Transition. As much as possible, tasks are assigned based upon a student’s area of study though operational needs take priority. As part of the internship experience, interns create objectives and goals and are evaluated on them. For more information, access Creative’s website at [http://www.creativeassociatesinternational.com/](http://www.creativeassociatesinternational.com/). To express interest or obtain further information, contact MAJ James Sturm at x3161 or james.sturm@usma.edu.

IAD #: 13637  
Title: Civil Military Operations in the Balkans  
Location: Prishtina, Kosovo  
Sponsored by: American University in Kosovo  
Dates: TBD  
Duration: approximately 21 days (3 weeks)

Cadets will be enrolled in the Summer Program at the American University in Kosovo. The first week is a regional orientation trip to either Montenegro, Bosnia, and Serbia or Albania, Greece, and Macedonia chaperoned and paid for by AUK. The remaining four weeks are spent taking three classroom courses: War and Peace in Yugoslavia: Conflict and Diplomacy in the 1990s, Peacekeeping and Conflict Transformation, and Economics in Post Conflict Societies OR Journalism and Human Rights in Conflict Situations. Additionally, students will be immersed in basic Albanian Language training. Cadets will stay at the Velania Guest House on the AUK campus. On weekends, planned trips will take students around Kosovo to Prekaz, Prizren, Rugova Gorge, Decani, and Gjakova. Through the classroom courses, regional excursions, and interaction with local students, Cadets will be able to study the cultural, historical, political, and social factors that led to the 1990s conflict in the Balkans and how the United States, NATO, and the United Nations attempted to address the conflict through a whole of government approach. To express interest or obtain further information, contact CPT Joshua Borrell at x2588 or joshua.borrell@usma.edu.
IAD #: 13638
Title: The National Disaster Preparedness Training Center (NDPTC)
Location: Honolulu, Hawaii
Sponsoring Agency: PACOM Defense Management of Humanitarian Assistance COE
Dates: TBD, flexible
Duration: approximately 21 days (3 weeks)

The National Disaster Preparedness Training Center (NDPTC) is hosting a 3-week internship in the summer of 2016 for cadets and midshipmen in the U.S. military service academies, including the U.S. Military Academy, U.S. Naval Academy, U.S. Air Force Academy, and the U.S. Coast Guard Academy. This internship is an intensive educational opportunity for officer candidates in meteorology, oceanography, GIS, maritime search/rescue, and related fields, providing a real-world immersion in the challenges facing the disaster management and humanitarian assistance (DMHA) communities. As our nation continues our strategic “Pivot to the Pacific” and island and coastal communities become increasingly vulnerable to natural hazards, the U.S. military is becoming more involved in DMHA efforts across the Area of Responsibility of U.S. Pacific Command, which is headquartered in Hawaii. This internship will be hosted by the NDPTC in Joint Base Pearl Harbor-Hickam, Hawaii, which is a unique location that is home to many DMHA-related operations. During the 3-week period, the interns will contribute to research efforts leading to the development of NDPTC training courses as well as have the opportunity to attend course deliveries. Furthermore, the NDPTC is partnering with the following military and civilian organizations to host tours and/or hands-on training sessions for the interns: Joint Typhoon Warning Center, 17th Operational Weather Squadron, National Weather Service / Central Pacific Hurricane Center, Center for Excellence in Disaster Management and Humanitarian Assistance, U.S. Pacific Command Headquarters, FEMA Region IX: Pacific Area Office, Pacific Disaster Center, and the Asia-Pacific Center for Security Studies. To express interest or obtain further information contact, CPT Nicholas Cosmas at x3253 or nicholas.cosmas@usma.edu.

IAD #: 13639
Title: Marshall Center for European Security Studies
Location: Garmisch, Germany
Sponsored by: Marshall Center for European Security Studies
Dates: TBD
Duration: approximately 21 days (3 weeks)

The Seminar on Transatlantic Civil Security (STACS) provides civil security professionals from Europe, Eurasia and North America an in-depth look at how nations can effectively address domestic security issues that have regional and international impact. The three-week seminar examines best practices for ensuring civil security and preventing, preparing for and managing the consequences of domestic and regional crises and disasters. STACS is planned to be offered twice a year for military officers and government officials responsible for civil security policies and programs, as well as representatives of intergovernmental and nongovernmental organizations with civil security responsibilities. With its focus on the development of core knowledge and skills, STACS provides a critical professional development opportunity in the emerging field of civil security. To express interest or obtain further information, contact Maj Christopher Nixon at x0207 or christopher.nixon@usma.edu.
IAD #: 13640  
Title: Office of the US Military Representative to NATO  
Location: Brussels, Belgium  
Sponsoring Agency: NATO Headquarters  
Dates: TBD, flexible  
Duration: approximately 21 days (3 weeks)  

Cadets will have the opportunity to see how NATO operates from a firsthand perspective. Cadets will experience the United States perspective by working directly with the planners within the Office of the U.S. Military Representative to NATO. Cadets will also gain insights into a multinational environment by working with the planners within the International Military Staff, which consists of officers from all 28 NATO members. Cadets will be placed into different staff sections based upon their research interests. Possible placements include Strategic Policy and Plans and the Russia desk. Midshipmen from USNA and Army Captains who are training to become FAOs will be present as well to add to the diversity of participants that will be present during their time at NATO headquarters. To express interest or obtain further information, contact Maj Christopher Nixon at x0207 or christopher.nixon@usma.edu.

IAD #: 13641  
Title: ARCENT/Third Army Immersion in Qatar  
Location: Al Asiliyah Air Base, Qatar  
Sponsored by: US Army Central  
Dates: TBD  
Duration: approximately 21 days (3 weeks)  

A three week interdisciplinary experience in which selected cadets will combine language and culture skills as well as knowledge of civil military affairs through their observation of day to day operations at Al Asiliyah as well as through their participation with Texas A&M’s study abroad program in Doha, Qatar. Through various interactions with the Texas A&M staff and students, cadets will attain greater Arabic language proficiency as well as gain valuable knowledge about local customs and culture in Qatar. Cadets will apply cultural knowledge to national security policy through their observation of day to day operations at Al Asiliyah. Cadets will interact with officers from J5, J9 and J2 in order to gain a comprehensive picture of US and international strategy in the Middle East. Additionally, cadets will acquire valuable knowledge for possible career options as officers in intelligence or civil-military affairs. To express interest or obtain further information, contact CPT Joshua Borrell at x2588 or joshua.borrell@usma.edu.
IAD #: 13642  
Title: US Agency for International Development  
Location: Washington DC  
Sponsoring Agency: USAID  
Dates: TBD, flexible  
Duration: approximately 21 days (3 weeks)

This is an opportunity to intern with USAID. USAID extends help from the American people to achieve results for the poorest and most vulnerable around the world. That assistance does not represent a Democratic value or a Republican value, but an American value; as beneficiaries of peace and prosperity, Americans have a responsibility to assist those less fortunate to see the day when assistance is no longer necessary. The work normally assigned to an intern in most of the office divisions consists primarily of research, the writing of memoranda and the drafting and review of documents. USAID interns are regularly included in the bi-weekly meetings of the entire legal staff, during which current issues relating to USAID in general, and to specific foreign assistance programs in particular, are presented and discussed. Interns may work in one of the Agency Regional Bureaus: Africa, Asia and Near East, Europe and Eurasia, or Latin America and the Caribbean or in one of the technical sectors such as Democracy, Economic Growth, Education, Humanitarian Assistance. To express interest or obtain further information, contact MAJ James Sturm at x3161 or james.sturm@usma.edu.

IAD #: 13643  
Title: InterAction  
Location: Washington DC  
Sponsored by: Inter-Action  
Dates: TBD  
Duration: approximately 21 days (3 weeks)

This is an opportunity to intern with InterAction. InterAction offers internship opportunities in the summer term for students interested in understanding the operations of non-governmental organizations. InterAction values its interns, and they seek to provide them with unique opportunities to engage in a large variety of learning and development opportunities. Their offices hold several hundred meetings a year on various humanitarian and development topics and issues. All interns are encouraged to participate in as many events as their schedule can handle. In addition, interns often engage with key internal and external stakeholders and can leverage the relationships they build in their future careers. InterAction also seeks to provide internal learning opportunities through informational interviews, skills building brown bags and their own staff meetings, which are often full of useful information. The Humanitarian Policy & Practice Team Interns will support HPP staff in the areas of policy, practice, protection, shelter, and security. Interns will perform a variety of research, writing and administrative support tasks, with opportunities to attend meetings and network with professionals representing a variety of NGOs in the humanitarian community. Responsibilities vary and may include supporting working groups and events, research projects on a specific country, theme or crisis, and attending outside meetings on the Hill and various DC-based think tanks. To express interest or obtain further information, contact MAJ James Sturm at x3161 or james.sturm@usma.edu.
IAD #: 13644
Title: Global Communities
Location: Washington DC
Sponsoring Agency: Global Communities
Dates: TBD, flexible
Duration: approximately 21 days (3 weeks)

This is an opportunity to intern with Global Communities, an organization which envisions a world where everyone has the freedom, means and ability to live and prosper with dignity. Their mission is to create long-lasting, positive and community-led change that improves the lives and livelihoods of vulnerable people across the globe. Global Communities is an international non-profit organization that works closely with communities worldwide to bring about sustainable changes that improve the lives and livelihoods of the vulnerable. Development is not something done for people; it is something done with them. They believe that the people who understand their needs best are the people of the community itself. Global Communities seeks to make a difference by engaging with communities, governments, the private sector and NGOs as partners for good bringing together complementary strengths and shared responsibilities to work toward common goals. They envision a world where everyone has the freedom, means and ability to live and prosper with dignity. Cadet will assist management and staff in day to day activities in the Headquarters including assisting in research and review of existing programs and working with clients to develop requisite solutions. To express interest or obtain further information, contact MAJ James Sturm at x3161 or james.sturm@usma.edu.

IAD #: 13645
Title: Barbaricum
Location: Washington DC
Sponsoring Agency: Barbaricum
Dates: TBD, flexible
Duration: approximately 21 days (3 weeks)

This is an opportunity to intern with Barbaricum. Since 2008, Barbaricum has supported government clients with full-scale Communications, Technology-Enabled Services, Research and Analysis, International Development, and Cybersecurity services to grow people, partnerships, and business. Our passion is innovation and we are committed to client value, mission support, and effective technical solutions. We are also a Service-Disabled Veteran-Owned Small Business (SDVOSB) and SBA HUBZone-certified company located in Washington, DC with contracts across the GSA AIMS 541 schedule. Our success stems from the innovative approach our team takes to government services. We are explorers in constant pursuit of ways to improve performance and deliver quality. Barbaricum identifies, analyzes, deploys, and assesses new technologies to address capability gaps and augment workflows for our clients. We provide a suite of technology-enabled services – research & development, education training, rapid prototyping, requirement identification, validation and visualization, implementation, integration, and testing and evaluation – to address rapidly evolving technological needs. To express interest or obtain further information, contact MAJ James Sturm at x3161 or james.sturm@usma.edu.
**IAD #: 13646**
**Title:** Linking the World  
**Location:** Dallas, TX  
**Sponsored by:** Linking the World  
**Dates:** TBD  
**Duration:** approximately 21 days (3 weeks)

This is an opportunity to intern with Linking the World International’s HALO (Help and Locate Operations) program. HALO is a Global Unmanned Aerial Vehicle (UAV) Program which utilizes UAVs to provide NGOs and first responders with imagery for immediate situational awareness in disaster response settings such as after Typhoon Haiyan in the Philippines. The HALO team typically arrives at the forefront of first responders, providing high value imagery, in real-time, to coordinate relief efforts, hazard analysis, and infrastructure weaknesses. The quality of situational awareness available to first responders can be the difference between life and death. Traditional aerial Search and Rescue (SAR) operations in traditional fixed wing aircraft and helicopters is cost prohibitive, while ground teams require significant ground resources and are limited in their coverage. The small, highly maneuverable UAVs with high-resolution cameras bring SAR activities for a fraction of the cost, risk and resources. Besides locating victims, the UAVs of Project HALO have been specifically created with small payload capabilities outside of data acquisition tools, can include radios, medicines, water and communication hot spots, where needed in remote and/or inaccessible locations until the first SAR teams can extract survivors. To express interest or obtain further information, contact CPT Nicholas Cosmas at x3253 or nicholas.cosmas@usma.edu.

**IAD #: 13647**
**Title:** PTP Consulting  
**Location:** Washington DC  
**Sponsoring Agency:** Protect the People  
**Dates:** TBD, flexible  
**Duration:** approximately 21 days (3 weeks)

This is an opportunity to intern with PTP Consulting (PTP). PTP provides innovative solutions for people in crisis. Whether disaster strikes a populated area, civilians are trapped by an internal conflict, refugees have spilled across the border, or violence is being perpetrated against a specific group of people, PTP offers a response. Protecting people in today’s crisis requires partnership. The humanitarian community stands to benefit from the wide range of interest that private corporations and the security sector have shown in emergency response, developing capabilities that can be more widely shared within the international community. We build partnerships that protect people. Protect the people offers a wide range of services. Subject Matter Expertise; experts for training exercises, tailored briefings, and serious games on the protection of civilians, humanitarian assistance and disaster relief (HA/DR), refugees and internal displacement, the United Nations system, and issues of women, peace and security. Market Research; detailed analysis and in-depth research on the emergency sector market for products or services and turning ideas into a global strategy for entering the humanitarian market. Consulting; field assessments, project support, strategic planning, and capacity building for any team. Private sector partnerships for emergency response. To express interest or obtain further information, contact MAJ James Sturm at x3161 or james.sturm@usma.edu.
IAD #:  13648
Title:  Partners for Democratic Change
Location:  Washington, DC
Sponsoring Agency:  Partners for Democratic Change
Dates:  TBD, flexible
Duration:  approximately 21 days (3 weeks)

This is an opportunity for one (1) cadet to intern with the Africa Program of Partners for Democratic Change. The Africa team has been engaged in the West Africa to enhance governance and citizen security through improved citizen engagement in security sector reform (SSR). Partners has identified a need for a diagnostic tool to help those engaged in SSR to better assess the reform needs and opportunities in an SSR environment. The cadet will assist in development of this tool with responsibilities including: background research of SSR and current diagnostic tools, visual design of the scorecard associated with the tool, and direct engagement with the tool design process. For more information, access the organization’s website at http://www.partnersglobal.org . To express interest or obtain further information, contact MAJ James Sturm at x3161 or james.sturm@usma.edu.

IAD #:  13649
Title:  Civil Information Management in Africa
Location:  Vicenza, Italy
Sponsoring Agency:  US Army Africa
Dates:  TBD, flexible
Duration:  approximately 21 days (3 weeks)

This is an opportunity for one (1) cadet to work with US Army Africa G9 Section. The G9 defines mission goals, program objectives, and available resources to support the execution of Civil-Military Operations. In this offering, cadets may conduct research on countries and/or cultures that are or will be affected by AFRICOM/USARAF missions to identify civil affairs information requirements and seek to better integrate this wide variety of social, historical, political, environmental, technological and industrial data to assess the impacts of the military mission on the targeted region, its populations, infrastructures and available resources. The ongoing synchronization of intelligence and information and the coherent manipulation of existing data will allow better visualization of the volatile, uncertain, complex, and ambiguity within the operating environment for the staff of US Army Africa and set the conditions for a civil common operation picture. To express interest or obtain further information, contact Maj Christopher Nixon at x0207 or christopher.nixon@usma.edu.
This is an opportunity for one (1) Cadet to work in the Eighth Army G9 Section. Eighth Army deters North Korean aggression against the Republic of Korea (ROK). Should deterrence fail, Eighth Army leads Non-combatant Evacuation Operations (NEO) and generates combat power for USFK/UNC/CFC decisive operations in the Korea Theater of Operations. On order, Eighth Army forms a Combined Joint Task Force (CJTF) and conducts Unified Land Operations. The G9 defines mission goals, program objectives, and available resources to support the execution of Civil-Military Operations. In this offering, cadets may conduct research on countries and/or cultures that are or will be affected by Eighth Army missions to identify civil affairs tactics, techniques and procedures required for mission support. They will do this by gathering and evaluating a wide variety of social, historical, political, environmental, technological and industrial data to assess the impacts of the military mission on the targeted region, its populations, infrastructures and available resources while considering pertinent legal directives and host nation agreements that stipulate mission parameters and affect relationships with allied nations and partners. A key element of this learning experience will be to assess the presence of various support organizations (e.g., United Nations, Red Cross, international/government support agencies, and Charity organizations) and other allied forces in the operational region to evaluate the nature and level of support provided or required by such entities. To express interest or obtain further information, contact CPT Joshua Borrell at x2588 or joshua.borrell@usma.edu.
GENE IADs: Environmental Program

IAD #: 13613
Title: US Army Construction Engineering Research Lab (CERL)
Location: Champaign-Urbana, IL
Sponsoring Agency: CERL
Dates: Flexible
Duration: Approximately 21 days (3 weeks)

This AIAD will give cadets an opportunity to work on different environmental engineering themed projects sponsored by CERL researchers that focus on water treatment, energy and other topics that impact upon US infrastructure development. This AIAD is structured in four phases. Phase 1 will consist of finalizing planning on the scope of work to be completed. Phase 2 will be completing the orientation and safety training conducted at the organization’s headquarters. Phase 3 will be integration into the research lab or specified field work site(s). Phase 4 will be an outbrief (phonecon) with the AIAD host organization POC and USMA OIC. For more information, contact MAJ Rob Nahabedian, WH5414, 938-4620, E-mail: robert.nahabedian@usma.edu.

IAD #: 13664
Title: Uniformed Services University of the Health Sciences (USUHS)
Location: Bethesda, MD
Sponsoring Agency: Uniformed Services University of the Health Sciences (USUHS)
Dates: Flexible
Duration: Approximately 21 days (3 weeks)

This AIAD is an opportunity for a Cadet to intern at the Occupational & Environmental Health Science (OEHS) Division at the Uniformed Services University in Bethesda, MD. The Cadet will assist in field work, sample collection, and data analysis supporting current environmental research. Some upcoming summer projects include monitoring the effects of different environmental conditions on fecal indicator organisms in natural waters and evaluating the transfer of airborne contaminants into condensation water in air handlers. In the first project, the cadet will take stream water samples and record environmental factors such as precipitation, temperature, and sanitary sewer locations. The Cadet will use a geographic information system (GIS) to plot spatial and temporal changes between samples. Additionally, the cadet will assist in the cultivation of the indicator organisms (total coliforms and E. coli) using the quanti-tray most probable number (MPN) method. The Cadet will integrate with the research team to draw correlations between the proliferation of the indicator organisms and environmental factors. These correlations will inform more predictive environmental models. In the second project examining air handlers, the cadet may have the opportunity to assist in experimentation using state-of-the-art environmental chambers. The Cadet may help design or modify the testing environment and collect data. Results may dictate better controls protective of human health. The dates for each AIAD are flexible. For more information, contact CPT David Zgonc, WH5410, 938-2679, E-mail: david.zgonc@usma.edu.
IAD #: 13612  
**Title:** U.S. Department of Health and Human Services (HHS)  
**Location:** Various locations in the U.S., specific locations to be determined.  
**Sponsoring Agency:** U.S. Department of Health and Human Services (HHS)  
**Dates:** Flexible  
**Duration:** Approximately 21 days (3 weeks)

The U.S. Department of Health and Human Services is the U.S. government's principal agency for protecting the health of all Americans and providing essential human services, especially for those who are least able to help themselves. Within the HHS is the Office of the Assistant Secretary for Preparedness and Response (ASPR), which is a leader in preparing the nation and its communities to respond to and recover from public health and medical disasters and emergencies. Similarly, within ASPR is the Office of Emergency Management, which supports state and local partners when requested, prepares the nation's healthcare system, and connects people to real-time public health and medical emergency information. Cadets will conduct an internship with HHS by supporting the national office in Washington, D.C. or one of the 10 regional offices across the U.S. After an initial overview of ASPR and OEM, Cadets will have the opportunity to work in a specific area based on Cadet preference and academic background, but may include work involving disaster response or recovery, disease control and prevention, healthcare research and quality, and national healthcare policies. For information, contact MAJ Lauren Koban 938-4135, E-mail: lauren.koban@usma.edu.

IAD #: 13587  
**Title:** U.S. Army Public Health Center  
**Location:** Aberdeen Proving Grounds, MD with possible TDY  
**Sponsoring Agency:** U.S. Army Public Health Center, APG, MD (http://phc.amedd.army.mil)  
**Dates:** Flexible  
**Duration:** Approximately 21 days (3 weeks)

Cadets will perform an internship hosted by the U.S. Army Public Health Center at Aberdeen Proving Ground, MD. Cadets will participate in environmental engineering studies in the subjects of drinking water, hazardous waste management, air pollution, or wastewater treatment. TDY travel from Aberdeen Proving Ground is likely for hands-on work. The prerequisites for this AIAD are successful completion of EV385B or EV350, Introduction to Environmental Engineering. It is also preferred to have completed EV401 (Physical and Chemical Treatment). The dates for this AIAD are flexible. For information, contact MAJ Ran Du, E-mail: ran.du@usma.edu.
GENE IADs: Environmental Program

IAD #: Coordinated through CME
Title: U.S. Army Corps of Engineers
Location: Various districts in the U.S.
Sponsoring Agency: U.S. Army Corps of Engineers
Dates: Flexible
Duration: Approximately 21 days (3 weeks)

Cadets will participate in one of several ongoing projects within Corps of Engineers districts or laboratories across the country. IADs with USACE are primarily coordinated through the Department of Civil and Mechanical Engineering, yet specific projects focusing on environmental engineering opportunities are available. Locations in past years included Boston, MA; Detroit, MI; Minneapolis-St.Paul, MN; New York City, NY; Vicksburg, MS, Baltimore, MD, Albuquerque, NM. The dates for this AIAD are flexible and can occur in any one of the training blocks this summer. For more information, MAJ Ran Du, WH5413, 938-3124, E-mail: ran.du@usma.edu

IAD #s: Coordinated through PANE
Title: United States National Laboratories
Location: Los Alamos, NEW MEXICO; Livermore, CALIFORNIA; Albuquerque, NEW MEXICO
Sponsoring Agency: U.S. Department of Energy (DOE)
Dates: Flexible
Duration: 4 weeks

The Department of Physics and Nuclear Engineering is the lead department for these AIADs. D/GENE cadets may be competitive based on research interests. These AIAD opportunities are for individually supervised research and study programs conducted at one of the DOE National Labs. The program is designed to familiarize students with advanced experimental procedures and techniques, and to acquaint them with essential features of independent research. The projects will cover a wide range of subject areas that will be tailored to the abilities and interests of the cadets who apply. AIADs may be scheduled anytime between the end of Graduation Week and the start of Reorganization Week but are least four weeks in duration. There is a national application to participate in this AIAD. If you are considering this AIAD as an option, start the application process early in the spring term. If selected, we can work to accommodate your summer, but late applications will not be accepted. For more information, contact CPT Ran Du, WH5413, 938-3124, E-mail: ran.du@usma.edu
IAD #: 13591
Title: U.S. Army Environmental Command
Location: Fort Sam Houston, TX
Sponsoring Agency: U.S. Army Environmental Command
Dates: Flexible
Duration: Approximately 21 days (3 weeks)

The US Army Environmental Command's (USAEC) mission is to lead and execute Army cleanup and environmental quality programs, providing technical expertise to enable Soldier readiness and sustainable military communities. The USAEC vision is to be the Army's preeminent provider of environmental expertise to its leaders, commands, Soldiers and communities. The USAEC is made up of archaeologists, architects, biologists, chemists, chemical engineers, civil engineers, entomologists, environmental engineers, environmental scientists, foresters, geologists, historians, mechanical engineers, natural resource specialists, physical scientists and wildlife biologists all committed to sustaining the environment for a secure future while enabling training for our Soldiers. The selected cadet will participate in one or more of the following areas: cleanup, environmental quality, environmental compliance, pollution prevention, quality assurance and quality control, and training management. Prerequisites for this AIAD are to be a rising Cow or Firstie, an environmental engineering or science major (or taking the environmental engineering sequence), with a strong interest in the environment. The dates for this AIAD are flexible. For more information, contact LTC Smith, WH5324, 938-3136, E-mail: mark.smith@usma.edu

IAD #: 13590
Title: United States Forest Service
Location: Various
Sponsoring Agency: United States Department of Agriculture
Dates: Flexible
Duration: Approximately 21 days (3 weeks)

The Forest Service, part of the U.S. Department of Agriculture, is a multi-faceted agency that protects and manages 154 national forests and grasslands in 44 states and Puerto Rico and is the world’s largest forestry research organization. Forest Service experts provide technical and financial help to state and local government agencies, businesses, private landowners to help protect and manage non-federal forest and associated range and watershed lands. The Forest Service develops partnerships with many public and private agencies to augment work planting trees, improving trails, providing education on conservation and fire prevention, and improve conditions in wildland/urban interfaces and rural areas. The Forest Service also promotes sustainable forest management and biodiversity conservation internationally. The mission of the Forest Service is to sustain the health, diversity, and productivity of the nation’s forests and grasslands to meet the needs of present and future generations. Prerequisites for this AIAD are to have a strong interest in the environment, and its sustainability. The dates for this AIAD are flexible. For more information, contact LTC Smith, WH5324, 938-3136, E-mail: mark.smith@usma.edu
IAD #: 13624  
Title: Net Zero Energy, Water, Waste  
Location: Washington, D.C.  
Sponsoring Agency: Deputy Assistant Secretary of the Army, Installations, Energy and Environment  
Dates: Flexible  
Duration: Approximately 21 days (3 weeks)

Selected cadet will work in the office of the Deputy, Assistant Secretary of the Army for Installations, Energy and Environment, Pentagon, Washington, D.C., responsible for policy and oversight of sustainability and environmental initiatives; resource management, including design, military construction, operations, and maintenance; base realignment and closure (BRAC); privatization of Army family housing, lodging, real estate, and utilities; and the Army’s installations safety and occupational health programs. Selected Cadet may work on a net-zero energy, waste, or water project. Prerequisites for this AIAD are to be a rising Cow or Firstie, and a strong interest in environmental issues affecting Army Installations. The dates for this AIAD are flexible. For more information, contact LTC Smith, WH5324, 938-3136, E-mail: mark.smith@usma.edu

IAD #: 13627  
Title: PEO Ammo  
Location: Kingsport, TN, Picatinny Arsenal, NJ, or Columbia University (NY City)  
Sponsoring Agency: Program Executive Office, Ammunition  
Dates: Flexible  
Duration: Approximately 21 days (3 weeks)

Cadets will work on an environmental engineering themed project sponsored by Program Director, Joint Services that addresses specific concerns for the treatment of waste streams from the production of explosive materials. Potential locations include Holston Army Ammunition Plant (Kingsport, TN), Picatinny Arsenal (Picatinny Arsenal, NJ), and Columbia University (New York, NY). The dates for this AIAD are flexible. For more information, contact CPT Rogers, WH5315, 938-3938, E-mail: richard.rogersiii@usma.edu
IAD #: 13623
Title: The National Geospatial-Intelligence Agency (NGA) InnoVision Directorate
Location: Fort Belvoir, VA
Sponsoring Agency: National Geospatial Intelligence Agency (NGA)
Dates: Flexible
Duration: Approximately 3 weeks

The National Geospatial-Intelligence Agency (NGA) is the both the Department of Defense and Intelligence Community's primary geospatial analysis and support organization. The InnoVision Directorate is NGA's research and development (R&D) component. Cadets on this IAD work with a geospatial research scientist on geospatial programs supporting warfighters in the field. NGA is located 20 minutes south of Washington, D.C. at Fort Belvoir, VA. For more information, contact Dr. John Brockhaus, WH5302, (845) 938-2063, E-mail: John.Brockhaus@usma.edu.

IAD #: 13625
Title: Simulations and Training Technology
Location: Orlando, FL
Sponsoring Agency: RDECOM’s Simulation –Training-Instrumentation (STRI) Branch
Dates: TBD
Duration: Approximately 3 weeks

Cadets will use GIS applications and other geospatial data investigation tools in support of the RDECOM's Simulation –Training-Instrumentation (STRI) Branch while they assist in building a modeled database of West Point. They will work with other cadets from other departments, scientists and students from the University of Central Florida. Study will occur in June or July. Exact dates are flexible based on cadet availability. Prerequisite for this IAD is that the cadet has successfully completed EV203. Remote Sensing, GIS, Surveying and/or Photogrammetry would be useful for this IAD. For more information, contact MAJ Darren Kerr, WH5400, (845) 938-3509, E-mail: Darren.Kerr@usma.edu.
IAD #: 13626
Title: Geospatial Engineering
Location: Fort Belvoir, VA
Sponsoring Agency: Army Geospatial Center/United States Army Corps of Engineers
Dates: TBD
Duration: Approximately 3 weeks

The Army Geospatial Center (formerly known as the Topographic Engineering Center or TEC) is located at Fort Belvoir VA. It is the Army's research and support center for geospatial technology. It is a research and development lab whose role is to test, field, and support geospatial equipment and concepts for the Army. They work with state-of-the-art technologies and equipment related to mapping, surveying, GIS, GPS, and remote sensing. Prerequisite for this IAD is that the cadet must have successfully completed Remote Sensing, GIS, and Cartography. For more information, contact LTC Edson, WH5311, (845) 938-3531, E-mail: Curtis.Edson@usma.edu.