

Dean's Weekly Significant Activities Report

17 October 2012

The Dean's Weekly Significant Activities Report is an internal report on all activities conducted within the Departments, Centers & Staff. The Report is provided to the Dean for situation awareness, throughout the organization for shared situation awareness, and to select external organizations for outreach and communication. Portions of the Dean's Weekly Significant Activities Report are further staffed in a report to the Superintendent. POC for the report is MS Lesley Beckstrom at 938-5105.

Picture of the Week



West Point, DPW Natural Resources pheasant re-stocking program. The release gave these Environmental Science seniors experience handling live birds and learning about environmental conservation.

Center for Enhanced Performance

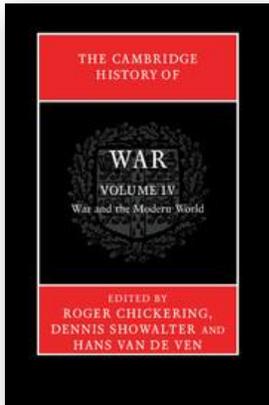
Faculty members from the Center for Enhanced Performance recently presented at the annual Association for Applied Sport Psychology conference in Atlanta, GA. Dr. Jeff Coleman presented his research in a lecture titled, "A Model of Team Leadership and its Influence on Team Cohesion and Team Outcomes" and LTC Pete Jensen presented his research in a lecture titled, "A Phenomenological Investigation of Soldier's Experience of Hand-to-Hand Combat." MAJ Travis Tillman presented his scholarly work with a poster titled, "Clear Your Mind to Clear the Way: Mental Skills to Enhance Military IED Detection". MAJ Tillman also led the Military Performance Special Interest Group and answered questions on working with military populations in applied performance psychology. POC for this event is LTC Jensen (x1168).

Department of History

Professor Sam Watson wrote the lead article in this quarter's *Journal of Military History*, "Trusting to the Chapter of Accidents": Contingency, Necessity, and Self-Constraint in Jeffersonian National Security Policy."

COL Ty Seidule presented a lecture to the Cultural Affairs Seminar entitled, 'Black Power Cadets: The Formation of African American Clubs at West Point, 1970-1976' on 9 October. COL Seidule described how the Cultural Affairs Seminar became a forum for African American cadets in the early 1970s. Unable to form a Black Student Union like most other colleges, African American cadets targeted the Contemporary Affairs Seminar (as it was called then), showed up en masse, and voted their own leadership into place. The Contemporary Affairs Seminar became a de facto Black Student Union because of a 'hostile takeover'.

Six USMA historians served as facilitators in the analysis of company, platoon, and squad small arms operations during the first Small Arms Workshop, from 9-11 October. This workshop was the third of four events in support of an initiative by the Assistant Secretary of the Army for Acquisition, Logistics, and Technology to better understand the history of the development and use of small arms. While this seminar was focused at the squad level, the discussion was wide ranging covering such topics as "overmatch" (both with respect to weapons and as an overall concept), black swans and tipping points with a view to identifying the unexpected, and identifying critical uncertainty in the realm of driving forces and alternate futures.



Professor Jen Kiesling is happy to announce the appearance of Volume 4 of the new *Cambridge History of War* entitled *War and the Modern War*, by Roger Chickering, Dennis Showalter, and Hans van de Ven. She is the author of Chapter 14 "Military Doctrine and Planning in the Interwar Era."



History major cadets Jeremy Sledge, Sara Roger, and Kevin Russell had a rare opportunity to take in the vista of West Point from the rooftop of the Cadet Chapel Bell Tower as part of their Senior History Colloquium class. The cadets are studying the History of West Point with COL Ty Seidule. Next semester they will write senior theses exploring specific aspects of West Point's history. Fort Putnam and Redoubt 4 are visible in the background behind Cadets Sledge, Roger, and Russell.



MAJ Russ Vanderlugt presented his paper titled “Allen in Sitka: Formation of Alaska’s Greatest Expedition” at the Annual Alaska History Conference on October 11, 2012. Lieutenant Henry Allen, an 1882 West Point graduate and aide of General Nelson Miles, explored 1,500 miles across interior Alaska, an area considered *terra incognita* during the Russian era. In 1885, Miles described the feat as “exceeding all explorations on the American continent since Lewis and Clark, and the world’s since Livingstone.” The expedition marked in major void spaces on the map of the Far Northwest, symbolizing the twilight of America’s frontier.

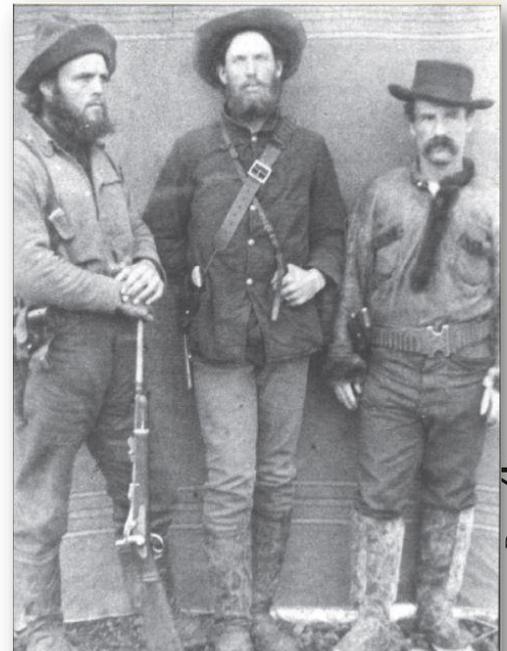
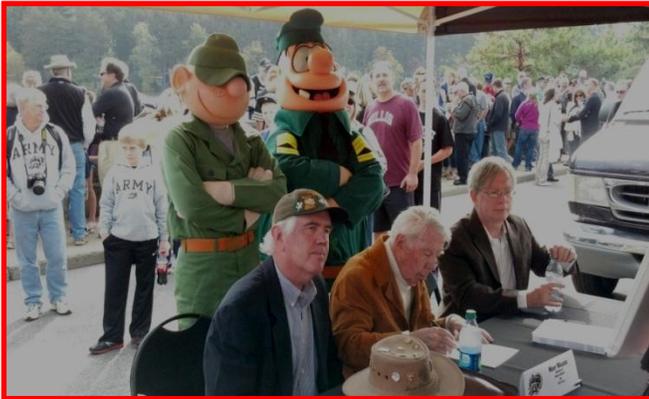


Photo from Fred Wilton Fickett papers, Archives and Special Collections, Consortium Library, University of Alaska Anchorage
 Pvt. Frederick Fickett, Lt. Henry Allen and Sgt. Cady Robertson upon completion of their expedition in St. Michael, September 1885.

Department of English and Philosophy

Past Events

1. On 6 October, cadets from the Studio Arts Forum, which is part of the Department of English and Philosophy's Cadet Fine Arts Forum, escorted Mr. Mort Walker during the Army vs. Boston College football game. Mr. Walker is the creator of the "Beetle Bailey" and "Hi & Lois" comic strips. Accompanying Mr. Walker were his two sons, Brian and Greg, who serve as "Beetle Bailey" story-boarder and co-artist, respectively. At the age of 89, Mr. Walker still remains actively involved with "Beetle Bailey," which has a readership of approximately 30 million people and receives approximately 20,000 emails per week. The Walkers signed autographs for fans in Black Knight Alley and attended the football game, where Beetle Bailey and Sarge competed in the third quarter mascot race.



Brian Walker, Mort Walker, and Greg Walker (seated L-R) with Mort Walker's most famous creations, Beetle Bailey and Sarge.



CDT CJ Koch (2015) transformed his dress white cap into a true work of art.

2. On 12 October, Dr. Marc Napolitano presented his paper, "Guidance from the (m)other side: deceased mothers as moral guides in Dickens and Rowling," at the Midwest Popular Culture Association/Midwest American Culture Association conference in Columbus, Ohio. Dr. Napolitano's paper analyzed the use of Dickensian/Victorian conventions in the fiction of Rowling, specifically in regard to the depiction of the inherently goodhearted orphan protagonist and the idealized deceased mother.

Department of Civil and Mechanical Engineering

Completed Events

1. ME450 Stability Lab: 22 cadets took part in the ME450, Mechanical Design of Army Systems, Stability Lab. Pedestrians walking within sight of the Plain were treated to the sight of numerous projectiles, in the shape of finned and non-finned Nerf™ balls, being launched on ballistic trajectories that achieved max ranges up to 262 feet from point of launch. Student teams measured launch position variables, maximum range and angle at peak altitude to compare actual trajectories to predicted trajectories from a Pre-Lab exercise. One of the key points of the lab was to learn about the importance

of fins and placement of weight in stabilizing a projectile in flight. POC is LTC Bruce Floersheim, bruce.floersheim@usma.edu.



Lab team preparing to launch a non-finned projectile.

2. ME 492 Mechanical Powertrains Steering Dynamics Laboratory: 20 cadets in ME492 conducted their steering dynamics laboratory on Tuesday, 9 October 2012. The cadets learned how to calculate proper Ackermann steering angles and then assess the steering performance of the 2012 SAE Mini Baja vehicle in real-world testing at the skid pad on North Dock. After completing these tests, they moved to the West Point Auto Craft Center for an in-depth look at vehicle suspension systems and an orientation to the facility. POC is CPT Elsa Johnson, elsa.johnson@usma.edu.





3. **CE472 Advanced Soil Mechanics Guest Speaker.** On Thursday, 11 October 12, Dr. A.J. McGinn, P.E., CEO of Brierley Associates attend the CE472 Advanced Soil Mechanics and Foundation Design course. Dr. McGinn provided an invited presentation on the design and construction of both soft ground and hard ground tunnels. Dr. McGinn is a renowned expert in this field and Brierely Associates is considered to be one of the preeminent tunnel design firms in the United States. POC is Dr. Brock E. Barry at brock.barry@usma.edu.



Dr. McGinn in the CE472

4. **Best Paper Award.** COL Stephen Ressler has been selected as the 2011 Best Paper Award winner for the American Society of Civil Engineers (ASCE) Journal of Professional Issues in Engineering Education and Practice. His paper, "Sociology of Professions: Application to the Civil Engineering 'Raise the Bar' Initiative," was published in the July 2011 issue (Vol. 137, No. 3, pp. 151–161) of the journal. POC is COL Stephen Ressler at Stephen.Ressler@usma.edu

5.



Developing Sustainability Expertise within the Army. MAJ Scott Katalenich, an Instructor in the Department of Civil and Mechanical Engineering, recently became the Army's first Institute of Sustainable

Infrastructure (ISI) Sustainability Professional. ISI was founded by the American Public Works Association, the American Council of Engineering Companies, and the American Society of Civil Engineers. Similar to how the U.S. Green Building Council developed the Leadership in Energy and Environmental Design (LEED) rating system for buildings, ISI partnered with the Zofnass Program for Sustainable Infrastructure at Harvard University's Graduate School of Design to develop Envision™ – a rating tool for infrastructure systems. With the exception of buildings (which are rated using the LEED system) all other aspects of the built environment, such as roads, bridges, pipelines, dams, levees, water treatment facilities, and power facilities, are rated using the Envision™ tool. As an ISI Sustainability Professional working on a project team, MAJ Katalenich is trained to lead others in addressing sustainability issues and build infrastructure that conserves, or even helps to restore, the natural environment. POC is MAJ Katalenich at scott.katalenich@usma.edu

- SIP-Hut Project Team visits Murus Manufacturing Facility.** As part of a project funded by the Army's Engineer Research and Development Center (ERDC) to develop a more energy efficient solution to the standard B-hut, members of the research team including Cadets Colin Hennessey (CE, '13), Kurt Musser (CE, '13), Adam Leemans (ME, '13), Brian Severson (EE, '13) and Adam Casselini (SE Sequencer, '13) and advisors COL Fred Meyer and LTC Steve Hart visited the Murus Manufacturing Facility in Mansfield, PA on 2 October. Murus manufactures structural insulated panels (SIPs) which will be the principal construction material used in constructing the B-hut replacement prototype. It is estimated that the SIP-hut will reduce energy consumption by at least 30% when compared to the B-hut. The project is planned to continue over the next two years and includes cadets and advisors from Civil Engineering, Mechanical Engineering, Electrical Engineering, Systems Engineering and Human Factors Engineering (BS&L). POC is COL Fred Meyer at karl.meyer@usma.edu.



Mr. Chris Bloom demonstrates the cam-lock system designed to connect Murus panels.



Cadet Colin Hennessey demonstrating the inherent strength of structural insulated panels.

Department of Geography and Environmental Engineering

1. Water conservation posters produced. NORESKO, as a part of their contract with the West Point DPW to impact soldier behavior change, partnered with the Army Environmental Command, the Brigade Energy and Environmental Cadets of West Point, and LTC Mark Smith (D/G&EnE) to produce a “Less Waste More Fight” poster directed toward conserving water. A poster will be hung in each company area to educate cadets about the fully burdened cost of transporting water within the battlefield. This poster will also be provided to the Army. In the upcoming months, posters for waste, energy, and benefits will be produced. Slogans for each of these posters were created by West Point cadets, through a survey initiated by the Brigade Energy and Environmental Officer last spring. The POC is LTC Mark Smith, mark.smith@usma.edu.



Poster caption: “Less Waste More Fight” water conservation poster describing the fully burdened cost of water transport, produced by NORESKO, Army Environmental Command, West Point Energy & Environmental Officers, and LTC Mark Smith (D/G&EnE).

2. Ring-necked pheasant re-stocking. Class of 2013 Environmental Science majors Cadet Justin Gleeson and Cadet Garrett Thul and LTC Mark Smith (D/G&EnE) assisted Mary (Marnie) Miller-Keas, intern for the West Point Natural Resources, in releasing ring-necked pheasants in support of the West Point, DPW Natural Resources pheasant re-stocking program. The release gave these Environmental Science seniors experience handling live birds and learning about environmental conservation. The POC is LTC Mark Smith, mark.smith@usma.edu.



Picture: 2013 Environmental Science majors Cadet Justin Gleeson (left) and Cadet Garrett Thul (right) release ring-necked pheasants in support of the West Point, DPW Natural Resources pheasant re-stocking program.

3. Tri-Service Academy International Program Meeting Attendance: On 9-12 October, Dr. Richard Wolfel from the Department of Geography and Environmental Engineering and the Center for Languages, Cultures and Regional Studies, joined LTC Kathy Taylor, Mr. Brent Matthews, and Ms AnnMarie Riva from the International Intellectual Development Division of the Dean's Office to represent USMA at the Tri-Service Academy International Program meeting in Colorado Springs, CO (USAFA). At the meeting, LTC Taylor and Dr. Wolfel shared with the leadership from the international offices of USNA and USAFA how USMA educates and assesses cadets in Language Proficiency, Cross Cultural Competence and Regional Expertise as part of the Study Abroad Experience. Along with the presentation, the team had an opportunity to learn how the other academies set up, execute and assess their programs and learn new methods of program development and assessment. POC is Dr. Richard Wolfel at richard.wolfel@usma.edu.

4. Faculty Conference Presentation. On Thursday October 11, Dr. Peter Siska presented a paper entitled: "Mapping of Composite Pollen from Point Sampled Data and Cartographic Generalization" at the 35th Applied Geography Conference in Minneapolis, MN. The paper discussed suitability of mapping techniques such as inverse distance method, ordinary kriging, splines and co-kriging for understanding of composite pollen patterns in a desert environment. POC is Dr. Peter Siska at peter.siska@usma.edu.

5. Faculty Conference Presentation. Last week in Minneapolis, MN, MAJ Dustin Menhart presented a lecture on "Using Terrestrial Photography to measure Stream Channel Morphology", which was an extension to his Graduate Thesis Project that took place in the Coweeta Long-Term Ecological Research Center of the Blue Ridge Mountains in North Carolina. The Applied Geography Conference is a national recognized forum for the exchange of ideas in relationship to the applicability of geographic, geomorphic, and analytical concepts and techniques. The conference merges the practical application, theory, and academic professionals who seek the breadth of GEOGRAPHIC PROBLEMS and SOLUTIONS. He received feedback from other scientists that will facilitate his teaching of EV 388B (Geomorphology) during Term 132. POC is MAJ Dustin Menhart at dustin.menhart@usma.edu.

6. Faculty Presentation – Local Outreach. On 16 October, Dr. Jon Malinowski gave

a presentation in Cornwall-on-the-Hudson. His talk offered a visual tour of the historical architecture of West Point and then focused on the national design competition of 1903 that solicited designs for new buildings at West Point. This competition won by Cram, Goodhue and Furguson created the architectural landscape that has become the iconic vision of West Point that we enjoy today. The presentation was given as part of a series of talks sponsored by the Hudson Highlands Nature Museum. Point of contact is Dr. Malinowski at jon.malinowski@usma.edu.



7. Center for the Study of Civil-Military Operations Research Planning Meeting. Center for the Study of Civil-Military Operation's (CSCMO) John Melkon, Minerva Research Initiative's Kristine Ringler, and University of Upsalla's (Sweden) PhD candidate Lisa Karlborg held a 12 October planning session for a tri-lateral research collaboration among CSCMO, Minerva and Uppsala. The title of the project is "Civilian Perceptions of International Armed Forces: Mapping the perceptions of the local population of ISAF Troops in Kabul, Afghanistan". The scope of this fieldwork is twofold. First, the researchers aim to map local perceptions of ISAF troops across different sections of the civilian population in order to identify local variations in how civilians perceive the presence of international troops. Second, the researchers proximity to the respondents presents a unique opportunity to probe this variance and search for key factors that help explain individual assessments of international troops. In so doing, the researchers intend to evaluate how various methods currently used by international troops to achieve local acceptance and support are, in fact, received by civilians in the host community. POC is John Melkon at john.melkon@usma.edu.



Picture: Mr. John Melkon, Ms. Kristine Ringler, and Ms. Karlborg discuss researching civilian perceptions of international armed forces in Kabul, Afghanistan.

AARS

Gross Attendance Report
9 - 16 Oct 2012

Date	CADET ABSENCES	ABSENCES	ARRIVED LATE	DEPARTED EARLY	TOTAL
16-Oct-12	107	164	34	5	203
15-Oct-12	157	224	40	5	269
12-Oct-12	232	409	46	7	462
11-Oct-12	259	496	33	1	530
10-Oct-12	208	326	36	2	364
09-Oct-12	119	204	55	4	263

Cadet Absences equals number of cadets absent 1 or more class period

Absences are the number of classes missed by the cadets that were absent

Department of Chemistry and Life Science

1. Annual C&LS Tailgate a Smashing Success!!

On Saturday 13 Oct 2012, the Department of Chemistry and Life Science hosted the “Clobber Kent State!” Tailgate at the Buffalo Soldiers Pavilion at West Point New York. Cadets of the AIChE Club did a fantastic job working the tailgate resulting in a great event! Cadets of the AIChE Club planned, developed, and executed the highest quality Dept of C&LS tailgate to date! The special teams for this event deserve great credit for their hard work, namely the West Point Chocolate Factory Cadets Ruiz and Hill and the Kicking Mule Brewing Company Cadets Letarte, Prior, and Todd. Club members Fitzgerald, Dillard, Nguyen and Goldstein were instrumental in getting the mission accomplished. The event also featured catering by “Skeeters” of the West Point Bowling Alley, home made beer and chocolate from the AIChE Club, a very active game room provided by the BOSS facility, and very special groups of attendees from alumni to visiting Manhattan College Students. The event was a smashing success with “Army Strong!” and dedicated faculty support coming from, LTC Adam Walton, Dr. Eileen Kowalski, MAJ Jim Gifford, MAJ Bill McCalmont and LTC Robert “Boze” Bozic.



Cadets, guests and DC&LS family and friends gather to sing “Happy Birthday” to Cadet Alex Goldstein, the West Point ChemE Car Team CIC who celebrated his 21st birthday at the “Clobber Kent State!” tailgate.

2. Annual C&LS Chemical Engineering Advisory Board Meeting, 11-12 Oct 2012

The Chemical Engineering Program held its 7th annual advisory board meeting on 11-12 October 2012. The board meeting included program briefings, cadet interviews, and brainstorming sessions to improve the program. We had top universities represented by senior chemical engineering faculty, including Columbia, RPI, and Stanford. Army participants included the Deputy Commander of the USACE Huntsville District, as well as representatives from Functional Area 52 and the student detachment. We also had representatives from industry, including ConocoPhillips, SRI, and Simulation Solutions. Attendees traveled from as far as California to be here, and those who could not make it in person are actively providing input by correspondence. By all accounts, the board members genuinely enjoy coming to West Point and meeting with us and particularly enjoyed meeting with the cadets, who represented the Academy in outstanding fashion. We received some excellent feedback that is very "actionable" that will go a long way to improving our program. The board also feels that the chemical engineering program is in excellent shape moving forward to the record year.

Department of Behavioral Sciences and Leadership

Completed Events

Follow BS&L on Facebook: <http://www.facebook.com/pages/West-Point-NY/Department-of-Behavioral-Sciences-Leadership/44253274507>

Faculty Presentations.

On 15 Oct, Dr. Matthews and collaborators from the University of Texas at Austin and Brown University presented the following poster; "The relationship among sleep-wake cycles, CLOCK genotype, and associative memory performance in college students, during an annual meeting of the Society for Neuroscience in New Orleans. **POC: Dr. Mike Matthews, BSL, x3696.**

Faculty Outreach:

On 15 October 2012, fifty-eight executive MBA students and faculty members from the University of Pretoria's Gordon Institute of Business Science (GIBS) visited West Point. They had lunch at the West Point Club and were given briefings on leader development and strategic leadership by Dr. Mike Hennelly and LTC Todd Woodruff. The GIBS program at the University of Pretoria is one of the top fifty business schools in the world and the Management Program in the Department of Behavioral Sciences and Leadership will be working to establish a relationship with this business school in the future. **POC: Dr. Mike Hennelly, BSL, x5001.**

Faculty Support:

On 16 Oct, COL Bernie Banks, BS&L Department Head, met with officials from the Special Warfare Education Group (SWEG) in order to discuss matters related to Advanced Civil Schooling and program design. In addition, SWEG met with MAJ Neil Hollenbeck one of the directors of the West Point Negotiation Project in order to gain insight on the project. Their intent is to integrate negotiation education into the PME system for special operations personnel and wanted some feedback on principle negotiation methods. **POC: LTC Patricia George, BSL, x5589.**

Department of Systems Engineering

The D/SE is supporting Dr. David Carey and the Tobyhanna Army Depot (TYAD) by providing faculty research and Cadet Capstone Teams to address selected strategic issues at TYAD. Tobyhanna Army Depot (TYAD) is the largest, full-service electronics maintenance facility in the Department of Defense (DoD). On 6 Sep, D/SE capstone teams traveled to Tobyhanna Army Depot for initial meetings with project stakeholders. The Cadet Capstone Projects will address the Firefinder Radar Repair Flow, an Equipment Technology Obsolescence strategy, a Process Improvement for Repair Logistics (a Lean Six Sigma project) and a new Shelter Integrity Test Methodology (EECS Design Project).



Cadets and Faculty Advisors with COL Gerhard Schröter, TYAD Commander



Cadets Chiazio Ezekannagha and Trex Jasien in front of the Firefinder Radar Repair Line

COL Michael Aid, Commander of Aviation Center Logistics Command, visited with D/SE Capstone Teams 4-5 OCT 12. COL AID provided Aviation Logistics Subject Matter Expertise to the "Flightline of the Future" Capstones and SE450 Capstone Projects. COL AID also shared his experiences with Army Aviation and the importance of Aviation Logistics.



COL Aid addressing SE300 cadets

The paper "The US Army Projects Effect of Merit Pay on Payroll Growth," by Guy Huntsinger, Roger Chapman Burk, and Timothy Trainor, appeared in the July-August 2012 issue of the scholarly journal *Interfaces*. The paper uses a combination of Markov modeling and system dynamics to estimate the long-run effect of various merit pay policies on the total payroll of an organization.

The paper "Closed-Form Approximation of Revisit Rate by Low-Altitude Satellites" by Roger Chapman Burk has been accepted by *The Journal of Spacecraft and Rockets*. The paper presents Dr. Burk's newly-developed formula that quickly and accurately calculates the average number of times per day a low-altitude satellite will pass over a given surface location.

Department of Foreign Languages

Completed Events

Arabic. Four Arabic SAP cadets are currently in their sixth week of classes at al-Akhwayn University (AUI) in Ifrane, Morocco. Cadet Cantrell participated in AUI's Islamic Arts and Culture Club trip to Azrou last week to perform social work at an orphanage. The project's focus is tutoring, but for this first week, the AUI students just got to know the kids through games and playing basketball, catch, and football. They especially liked "حبابا" which is the game of Tag. She is excited to continue in this project for the rest of the semester. In addition to the time she spent at the orphanage, she also learned much from the discussion on the way back, as her Moroccan friends quizzed her about the election and what she thought about the candidates: "We care because who you elect affects Morocco."



In this photo: Cadet Cantrell, foreground, with other AUI students and children from the Azrou orphanage preparing for a game of tag.



In this photo: Cadet Cantrell prepares to cycle through the Atlas Mountains with the Extreme Sports Association at AUI.

This weekend, all cadets on Semester Abroad in Morocco will participate in the Casablanca Marathon.

Four Arabic cadets are currently in their sixth week of classes at Al Qasid University in Amman Jordan. Last Friday, the cadets headed for Wadi Mujib following the second rain in Amman. They explored enclaves, caves, canyons, and running water through “dry” river beds in the desert. Cadets are performing well academically in the face of internships at Amman National School, presentations, skits, quizzes, and upcoming term-paper drafts. Additionally, the cadets have been meeting regularly with their designated language partners and cultural dialogue groups.



In this photo: Cadets Schumacher, Marino, Reynolds and Reeves were invited to a Bedouin tent at Wadi Rum for tea and conversation.

Cadet Christian Reeves has engaged in months of preparation for the “Amman International Marathon,” an annual run sponsored by several Arab and Western corporate partners. Part of the funding raised via the event is employed in the international combat against breast cancer (hence, the event is held during “Breast Cancer Awareness” month). The other cadets will be in attendance to root on CDT Reeves and two other USNA participants this Friday morning.

French. SAP cadets are currently in classes at their respective universities; eight at St. Cyr, two at Université Catholique de Lyon, and two at Université Catholique de Lille.

All Saint-Cyr cadets are currently involved in field training with the French Foreign Legion in Nîmes, France.

All French SAP cadets currently in France have been invited to join the West Point Society of Paris by Adam Falk for a dinner at École Militaire in Paris on 20 October 2012.

German. German SAP cadets continue their immersion experiences at their academic institutions in Hamburg and Munich, Germany, and Wiener-Neustadt, Austria. Cadets at the Austrian Military Academy enjoyed a trip to the Austrian Academy’s shooting range. Cadets Hamski, Huddle, Brune, and Canacci shot a variety of different infantry weapons including the Sturmgewehr 77, Scharfschiesser 69, and the Maschinengewehr 47. Cadets at the military university in Munich enjoyed a session of tactics engaging their German military counterparts in a paintball competition.

On Tuesday 23 October, the German Language Forum in its first Filmabend for the semester will view the Hollywood blockbuster Stalingrad in the German language.

Portuguese: Dr. Rebecca Jones-Kellogg and Dr. António Igrejas attended the American Portuguese Studies Association (APSA) 2012 Conference at the University of Iowa on 4-6 October 2012. Dr. Jones-Kellogg presented the paper "Learning to 'ler nas entrelinhas' in Luis Fernando Verissimo's O Jardim do Diabo." (Reading in-between the lines in O Jardim do Diabo-The Devil's Garden by Luis Fernando Verissimo) Dr. António Igrejas presented the paper "Subsídios para a leitura de Os Grãos-Capitães de Jorge de Sena como sequência de contos." (Reading Os Grão-Capitães by Jorge de Sena as a Short Story Sequence)

Russian: Russian SAP cadets in Odessa, Ukraine completed their fifth week of study at the Odessa Language Study Centre.

Russian SAP cadets in Voronezh, Russia, completed their seventh week of study at Voronezh State University.

BG Trainor, West Point Dean of the Academic Board, and COL McPeak, Head of the Department of Foreign Languages, traveled to Voronezh, Russia, to visit the four West Point cadets studying Russian there this semester. BG Trainor and COL McPeak observed all aspects of the cadets' daily lives and met with Voronezh State University administrators and instructors. Moscow's "Zvezda" (Star) TV program, an official channel of Russia's Ministry of Defense, televised a brief story about the visit and about the history of West Point's relationship with Voronezh State University that is now in its 11th year. (link to TV story: <http://tvzvezda.ru/news/forces/content/201210110937-mniy.htm>)

Eighty-five cadets in upper level Russian courses traveled on a mandatory trip section to Brighton Beach on 11 October. The occasion marked the sixth anniversary of the tradition of cadets interacting with Russian émigrés at the Shorefront Y Cultural Center. One unique feature for this visit was the presence of Partisans and Holocaust survivors, many bearing numerous medals and obviously well into their 80's and 90's.



In this photo: Upper level Russian language course members interacting with Russian immigrants in Brighton Beach.

The Department of Foreign Languages will host Belle Nuit, an operatic gala concert featuring celebrated soprano Olga Makarina and accompanied on the piano by Albert Stanziano on Thursday, 1 November at Eisenhower Hall.

Department of Physics and Nuclear Engineering

Completed Events

Colloquium: on 15 October, LTC Kraig Sheetz presented a colloquium to the Department of Physics and Nuclear Engineering. The presentation titled "A Primer on Ultrashort Pulse Lasers" discussed the specific components that must be included in laser cavity design to enable the mode-locked formation and dispersion stability of ultrashort (femtosecond) pulses. He also discussed non-linear optical effects that come into play when dealing with the extreme peak intensities (gigawatts/cm²) of ultrashort pulses, and how many of these optical effects can be leveraged in non-linear microscopy applications.

Future Events

National Laboratory Visit: On 22 October, Mr. Jonathan S. Ventura (Executive Advisor to Principal Associate Director for Weapons Programs), Los Alamos National Lab (LANL); Mr. Barry Goldman, Manager, Undergraduate & Graduate Internships, Lawrence Livermore National Lab (LLNL); and Dr. Douglas Wall, Senior Manager, NW Operations, Assurance, Planning & International Programs Deputy COO, NWSMU, Sandia National Lab (SNL) will visit USMA to discuss research and IAD(A) opportunities at the National Labs with cadet and faculty. They will talk with cadets at a lunchtime trip section and faculty and cadets during an L hour colloquium. Both will take place in the P&NE Department Conference Room. There are opportunities for research in all academic disciplines at the National Labs.

Trip Section: On 25 October, MAJ Brian Champine will travel to Berwick, PA with his Instrumentation and Shielding (NE452) class to visit the Susquehanna Nuclear Facility. Cadets will use and observe radiation detection instrumentation and shielding that is not available in the classroom or laboratory environment. The cadets will also interact with professional nuclear engineering staff at a world renowned nuclear facility, which includes USMA graduates and other former military members. Resources include power reactor instrumentation, radiation protection, radioactive used fuel storage management, and thermal and radiation shielding. This is a culmination event for the course in which cadets can see the application of the principles that they have learned in the course, and interact with professionals working in the field of their chosen major.

Trip Section: On 6 November, Dr. Tom Lainis will travel to Schenectady, NY with his Science and Policy (PH456) class to visit the GE Research Facilities. This trip will allow cadets to meet with teams of scientists, engineers, and managers to both see the focus of the US industry and to discuss material that has been discussed in the class with industry.

The Institute for Innovation and Development

Research Operations: The chart below shows the status of the research funding received so far.

FY13 Research Funds			
Processing:	1	\$	9,000
Spendable:	2		175,817
Received to Date:	3	\$	184,817