

DEAN'S SIGNIFICANT ACTIVITIES REPORT



DEPARTMENT: G&EnE

POC Name: CPT Nathaniel Sheehan

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DATE: 20 June 2019

Top 3-5 events, activities, and newsworthy happenings UPCOMING in the next 30 days.

1. From 10 June to 28 June, G&EnE is hosting a cadet summer intern from Duke University. During his time here, CDT Jackson McInvale is working with LTC Ben Wallen on lead concentration in soil on West Point and COL Phil Dacunto on air quality control within a SIP hut and other small G&EnE projects.
1. On 24 June, G&EnE will begin teaching EV203 "Dirt" during STAP 2. This will be the second iteration of EV203 STAP this summer as well as allow the newest G&EnE instructors to learn the material while it is taught live by another instructor to cadets.
2. At 1200 on 28 June, CPT(P) Erick Martinez will be promoted to the rank of Major in WH6004.

Top 3 events, activities, and newsworthy happenings FROM THE PREVIOUS 7 days.

1. From 15-19 June, four faculty of G&EnE attended and presented papers at the American Society for Engineering Education (ASEE) National Conference & Exposition, in Tampa, FL. COL Phil Dacunto presented a paper titled "Location, Location, Location: The Value of Disciplinary Adjacency in Enhancing Environmental Engineering Programs" by P. Dacunto and M. Butkus. CPT(P) Erick Martinez presented a paper titled "Long-term Impact on Environmental Attitudes and Knowledge Assessed over Three Semesters of an Environmental Engineering Sequence" by B. Wallen, N. Sheehan, L. Plante, E. Martinez and J. Starke (Marquette University). MAJ Kyle Murray presented a paper titled "Beer Brewing and the Environmental Engineer: "Tapping" into Experiential Learning" by K. Murray, B. Wallen, L. Plante, K. Quell and M. Butkus.
2. On 14 June, Dr. Adam Kalkstein and Maj. Chris Nixon, both G&EnE, and four cadets returned from a 2-week AIAD where they took a closer look at severe weather in the American Plains. The team visited numerous Army posts and Air Force bases to learn about severe weather preparedness at each installation. Based on cadet-led interviews with weather/safety teams at each base, the group will submit a white paper to DoD outlining a list of best practices for severe weather preparedness.
3. On 17 June, five of our faculty started support for CST. We continue to maintain our continuity with CBT Land Navigation allowing for high quality, effective, refined and

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immersive training for the New Cadets. The acting DMI 6, LTC Altavilla, validated our training plan on 19 June.

DEPARTMENT: History
POC Name: CPT Denis Alfin
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DATE: 20 June 2019

Top 3-5 events, activities, and newsworthy happenings UPCOMING in the next 30 days.

1. July 8th: History Department Arriving Faculty Workshop Begins.

Top 3 events, activities, and newsworthy happenings FROM THE PREVIOUS 7 days.

1. June 13th: CDT Kat Lauffer '21 gave the keynote address for the Siegelbaum "Sketches of Courage" Literary and Arts Competition. The award ceremony, honoring the middle school and high school winners of a competition designed to celebrate Holocaust resisters, survivors, and upstanders, occurred at the Rockland Holocaust Museum and Center for Tolerance and Education at Rockland Community College. The ceremony was attended by over 50 people from the tri-state area.
2. June 17th: Majors Delva Lovering arrived in Benin in support of the African Military Exchange Program (AMEP).

DEPARTMENT: Physics and Nuclear Engineering
POC Name: Kim M. Lee
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DATE: 20 June 2019

Top 3-5 events, activities, and newsworthy happenings UPCOMING in the next 30 days.

The Department of Physics and Nuclear Engineering will be sending 52 cadets on AIADs this summer.

During 7-11 July, Dr. Daniel Schultz will attend the Health Physics Society Meeting in Orlando, FL. He will be presenting "The Adventures of a Health Physicist in Nuclear Medicine as a Patient".

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The Department of Physics and Nuclear Engineering hosted two instructors from Space & Missile Defense Command (SMDC) for Phase II of the 2nd Annual Army Space Cadre Basic Course (ASCBC) conducted as a MIAD for at West Point, 3-7 June 2019. Thirty cadets and two faculty (GENE and EECS) were immersed in training focused on the operational aspects of Army's Space Forces by attending briefings, conducting practical exercises, and completing exams on the fundamental knowledge associated with the application of Space-based capabilities across the warfighting domains. Cadet graduates of the MIAD earn the 3Y additional skill identifier (ASI) upon graduation from West Point, and active duty attendees qualify immediately. Coordination and execution support for the MIAD were completed by LTC Diana Loucks. Instructors Charles Ogden (USMA 92) and Kenneth Graw were provided by SMDC's Directorate of Training & Doctrine, Future Warfare Center, Colorado Springs, Colorado.

LTC Diana Loucks (D/PaNE) attended the annual National Science Foundation sponsored Coupling, Energetics and Dynamics of Atmospheric Regions (CEDAR) Conference in Santa Fe, New Mexico, from 18-19 June. While there, she presented and received acceptance for an Incoherent Scatter Radar (ISR) World Day experiment proposal, submitted to the International Union of Radio Science (URSI) Incoherent Scatter working Group (ISWG). LTC Loucks is collaborating with researchers at the New Jersey Institute of Technology, the University of Calgary, and the University of New Brunswick to further the scientific understanding of the mechanisms that drive Global Positioning System (GPS) scintillations in the Arctic, which can impact operations due to the resulting position and timing solution errors. During calendar year 2020, the group will have six days of control over the world-wide network of ISRs to sense the global ionosphere, two of which will be employing a GPS tracking radar mode that she worked with SRI International to develop from 2015 to present.

DEPARTMENT: Social Sciences
POC Name: LTC Josh Richardson
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DATE: Week of 17 June 2019

Top 3-5 events, activities, and newsworthy happenings UPCOMING in the next 30 days.

1. 18-21 June: **Brian Dodwell, Don Rassler, and Dan Milton** of the CTC will attend and present at the Society for Terrorism Research's annual conference at the University of Oslo, in Norway. The conference's theme is *The Data Revolution in Terrorism Research: Implications for Theory and Practice*.

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2. 17-22 June: **CTC personnel** lead portions of the *Comprehensive Security Responses to Terrorism* course at the Daniel K. Inouye Asia-Pac Center for Security Studies in Hawaii. Sessions include a panel on the Islamic State's future around the world, as well as on Islamic State Khorasan.
3. 23-28 June: **MAJ Sean McMahon and MAJ George Fust** will travel to Washington, D.C. to conduct expert interviews and archival research pertaining to two different projects focused on civil-military relations. The trip will include meetings with experts, academics and officials from U.S. government agencies (Department of Defense, State Department, William H. Perry Center for Hemispheric Defense), universities (Georgetown, Johns Hopkins SAIS), think tanks (Wilson Center, CSIS), and foreign embassies (Chile).

Top 3 events, activities, and newsworthy happenings FROM THE PREVIOUS 7 days.

1. 6 June: **MAJ Aaron Stark**, Instructor of Economics, gave a personal finance class to 20 soldiers from HHC, USMA. The two-hour session focused on the basics of savings, avoidance of debt, the Blended Retirement System, TSP, and individual retirement accounts. This engagement provided a great service to the soldiers in attendance and generated a high level of interest in similar sessions in the future.
2. 12 June: SOSH instructors from the **Economics and International Relations programs** completed the last session of **Summer Leaders Experience**. Participation throughout both sessions of SLE gave our instructors the opportunity to show these prospective students what we study in SOSH, as well as a sense of what the department is about. These sessions yielded wonderful feedback from participants.
3. 17 June: **Dr. Max Margulies** returned from having spent ten days along with **Dr. Rob Person** assisting the Mission Command Element in Poznan, Poland with the development of Campaign Support Plans to support USAREUR's Atlantic Resolve mission. Both faculty members are from the **International Affairs program**; their efforts satisfied a request from the field and serve as an example of SOSH's support to the Army.