

## DEAN'S SIGNIFICANT ACTIVITIES REPORT



DEPARTMENT: G&EnE

POC Name: CPT Nathaniel Sheehan

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DATE: 13 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.
2. From 15-19 June, four faculty of G&EnE will attend and present papers at the American Society for Engineering Education (ASEE) National Conference & Exposition, in Tampa, FL. COL Phil Dacunto will present 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 will present 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 will present 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.
3. 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. CPT (Ret) Gabe Powell, a recent faculty member of the GIS program, gave the Keynote speech at the 2019 GEOINT Symposium in San Antonio, Texas. Gabe's address highlighted 2LT Jacob Marchillo's research that won the overall 2018 GEOINT Research Award. Gabe served as 2LT Marchillo's advisor on the capstone project. 2LT Marchillo is in flight school at Ft Rucker, Alabama and could not attend the conference because of required training.
2. From 27 May – 11 June, MAJ Zach Landis (G&EnE) and MAJ Nick Lewis (G&EnE) and 18 cadets led a joint AIAD with Air Force and VMI cadets to Poland and Israel. The AIAD focused on law, policy, and security issues effecting Israel. Cadets attended

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meetings with top military officials, members of parliament, and supreme court justices. Cadets left with a deep appreciation for the issues effecting this important ally.

3. On 11 June, G&EnE hosted a department offsite at the Beacon Institute in Beacon, NY. This allowed senior faculty to provide an azimuth check on the mission and vision of G&EnE and the way ahead for the following year.

DEPARTMENT: History  
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DATE: 13 June 2019

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

1. July 8<sup>th</sup>: History Department Arriving Faculty Workshop Begins.

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

1. June 4<sup>th</sup>: Dr. David Frey, Director of the Center for Holocaust and Genocide Studies, spoke to cadets and midshipmen from West Point, Navy, Coast Guard, and Air Force about the Armed Forces and Atrocity Prevention at the Museum of Jewish Heritage in New York. Dr. Frey discussed advances in doctrine and institutional structures that the US government has made since the early 1990s.
2. June 5-6: Dr. Rob McDonald and Dr. David Frey participated in the Lieber Institute for Law And Land Warfare 2nd Annual Military Operations Course. The course, run by West Point's Department of Law, attracted scholars, practitioners, and non-governmental organizations from across the country and from several NATO allies.
3. June 13<sup>th</sup>: Cadets and faculty return from the Cold War Staff Ride.

DEPARTMENT: Physics and Nuclear Engineering  
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The Department is conducting the Summer Leaders Experience and hosting approximately 36 candidates each day (3, 4, 5, 10, 11, and 12 June). While in the Department of Physics and Nuclear Engineering, the candidates levitate a magnet over a small sample of superconducting material cooled with liquid nitrogen, calculate what angle to fire a projectile launcher to hit a target and then test their calculation, and use different radiation detectors to identify an unknown radioactive isotope and measure the effectiveness of shielding materials. In addition, they learn how lasers work and how nuclear power is essential for meeting the world's growing energy needs.

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".

DEPARTMENT: Social Sciences  
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DATE: Week of 10 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*.
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.

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- 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.

- 4-5 June: CTC South Asia expert Dr. Amira Jadoon attended an engagement in Washington, D.C., with intelligence analysts at the National Intelligence Council. Dr. Jadoon briefed about the latest developments on the Islamic State in the Afghanistan and Pakistan region and then conducted a follow-up Q&A.
- 4-6 June: CTC Director Brian Dodwell and CTC Director of Research Daniel Milton attended the FBI's fifth annual Homegrown Violent Extremism Counterterrorism Practitioners Conference. Dr. Milton presented on a panel on Analyzing the Recent Trends of Terrorism in the Homeland.
- 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.