

DEAN'S SIGNIFICANT ACTIVITIES REPORT



DEPARTMENT: BS&L

POC Name: Evelyn Lovo-Blanco

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DATE: Nov 14, 2018

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

1. On 8 November, cadets from the Black & Gold Leadership Forum, Corbin Forum, and EXCEL Scholars met with members of the VALOR group from S&P Global in New York City. The VALOR group is an employee resource group within S&P Global that focuses on leadership development for veterans and nonveterans alike. In addition to learning about S&P and sharing some of their experiences at West Point, Cadets and VALOR participants participated in small group discussions and case studies about a variety of leadership issues. Topics such as mentorship, conflict management, and taking over as a leader in a new group. Cadets were inspired and challenged by hearing how their civilian counterparts think about and address these topics in the corporate setting.
2. On 10 November, several Corbin Leadership Forum Cadet leaders and members participated in Scout Day. Scouts of all ages enjoyed learning about the history and wear of various Cadet uniforms and especially had fun trying on the famous "tar bucket" hat worn during parades. This is the second year that the Corbin Leadership Forum participated in Scout Day and we look forward to participating in future events.

DEAN'S SIGNIFICANT ACTIVITIES REPORT



DEPARTMENT: Chemistry & Life Science

POC Name: MAJ Jeremy Hershfield

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DATE: 14 Nov 18

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

1. 16 NOV: CLS will host LTC Kurt Schaecher (Walter Reed Army Institute of Research), Dr. Aarthi Naranayan (George Mason University), and Drs. Brian Schaefer and Stephen Davies (Uniformed Services University) for the annual Microbiology Symposium lecture.
2. 16 NOV 18: American Chemical Society (ACS) Student Section participates in the Mid-Hudson Local ACS Section sponsored event to the planetarium at SUNY New Paltz.
3. 27 NOV: CLS sponsors an AIAD night in BH150 to showcase Chemistry, Chemical Engineering, and Life Science AIAD opportunities.
4. 10 – 11 DEC: Military Chemistry (MILCHEM) enrichment for CH101/151 students, supported with visiting scientists and engineers from various Army research labs and arsenals. MILCHEM focuses on how chemistry concepts studied over the semester impact research and development that support the Warfighter.

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

1. 9 and 13 NOV 18. More than 100 Cadets in Advanced General Chemistry participated in a series of hands-on enrichment opportunities that highlighted the relevance of chemistry to the application of reduction and oxidation reaction concepts in thermite, stoichiometry, and the use of fuels and oxidizers in the preparation and burning of gun powder, and gas laws and combustion reactions in the firing a potato gun. The experience enhanced the Cadets' appreciation for applications of chemistry to the military and the relevance to their development as future leaders within the profession of arms. Cadets' overwhelmingly positive response to the hands-on experiences through the years have made this an enduring event.

DEAN'S SIGNIFICANT ACTIVITIES REPORT



DEPARTMENT: Civil and Mechanical Engineering

POC Name: MAJ Samuel Greulich

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DATE: 8 November 2018

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

1. Throughout the next month, all civil and mechanical engineering capstone teams will be conducting their Complete Design Reviews (CDRs) with their sponsors.
2. On 4 December CME will host a Brown Bag Seminar: LTC Brian Novoselich, Hacking for Defense: Learn how universities are using the Mission Model Canvas and a Lean Startup Mentality to help students solve DoD problems in a semester.
3. Members of the joint CME/SE faculty ultimate Frisbee team will play for the intramural championship on 29 November.
4. Members of the Civil Engineering Club are assisting with preparation for the BEAT NAVY bonfire rally on 6 December.

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

1. The Civil and Military Engineering Club hosted MG Jeff Milhorn, CDR, NE Division USACE, on Tuesday 13 November 18 at Eisenhower Hall for their Fall Business Dinner.
2. Cadets enrolled in MC311 attended a trip section at the Cadet Chapel, observing how the mechanical principles they learned in class are used to make the pipe organ produce its beautiful notes.
3. Members of cadet capstone team WSPR seeking to create an improved suppressor for the M249 SAW collected initial data at Aberdeen Proving Ground's M-Range.

DEAN'S SIGNIFICANT ACTIVITIES REPORT



DEPARTMENT: G&EnE

POC Name: CPT Charles Ouellette

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DATE: 15 November 2018

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

1. **Postponed from 08 November:** On 16 November, the Center for Languages, Cultures and Regional Studies (CLCRS) will host its next forum with WH4327. Dr. Jeff Watson will be presenting the following. Dr. Jeff Watson from the Department of Foreign Languages will present “Building Research-based AIADs with Cadets: Preparing for the Capstone” detailing his research trip to India in 2017 with six cadets as part of a research project funded by the Army Research lab. He will discuss how CLCRS can help support such cadet research endeavors as preparation for capstone projects.
2. On 19 November, Dr. Adam Kalkstein will discuss his recent sabbatical to Israel, in Washington Hall, Room 6004. The talk is titled, “From Research to Rabbis: An Eventful Year of Cultural Immersion in Israel.” Please contact MAJ John Dzwonczyk if you are interested in attending.
3. On 26 November, LTC Ben Wallen and cadets enrolled in EV301 – Environmental Science for Scientists and Engineers will visit the Wheelabrator power plant in Westchester, NY to learn about waste-to-energy technologies.
4. On 27 November, MG (Ret.) Dean Sienko, Vice President of Health Operations for the Carter Foundation, will deliver a guest lecture about his work to eradicate guinea worm in Africa, to cadets enrolled in EV450 – Environmental Engineering for Community Development. The lecture will be in Washington Hall, Room 5300, and is open to all.
5. On 3 December, incoming faculty member, MAJ(P) Elizabeth Weaver will be promoted to the rank of LTC in Washington Hall, Room 6004. POC is MAJ John Dzwonczyk.

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

1. On 9 November, LTC Mindy Kimball discussed her most recent Operational Experience with faculty from G&EnE in Washington Hall, Room 6004. The talk was titled, “Warfighter Challenges: The Future Is Dense, Urban, and We Are Not Ready.”

DEAN'S SIGNIFICANT ACTIVITIES REPORT



DEPARTMENT: History

POC Name: MAJ Ben Flores

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DATE: 15 November 2018

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

1. THU 15 NOV: Evening Lecture for HI301/HI301X ("Challenges of McClellan's Leadership in the Civil War," presented by Dr. Ethan Rafuse, Charles B. Ewing Chair in Military History) in TH144
2. SAT 1 DEC: HI398: Society and Culture in American History trip section to NYC
3. SAT 1 DEC – SUN 2 DEC: Saratoga Staff Ride
4. Amy-Navy Week: Various activities associated with the Army game uniform
5. WED 12 DEC: Superintendent visit to D/History (1500-1600)

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

1. On Friday, 9 November, cadets from Professor David Gioe's HI498 attended a lecture at the Yale Club of NYC by Christopher Andrew, emeritus professor at the University of Cambridge and Britain's leading intelligence historian. Professor Andrew spoke on the secret history of codebreaking from the Middle East, Europe, and North America. After the presentation the cadets were able to have a private lunch in the club's dining room with Professor Andrew, who also signed their textbooks.
2. CPT Claudio Innocenti and 4 cadets from Phi Alpha Theta went to the Dutchess County Court Office in Poughkeepsie, NY, on 7 NOV 2018. They looked at how to digitize historical records and how to file them away in an archive so that future generations can conduct research into the way Americans used to live. Mr. Will Tatum, the Dutchess County historian, helped them look through and archive judicial records to demonstrate how the legal system worked in one of the most ethnically diverse regions in New York during the early 19th century.
3. Dr. David Frey gave a series of lectures at Stockton University on 7-8 November. Invited by the Stockton University Schoffer Holocaust Resource Center and the Stockton University Veterans student association, Dr. Frey spoke to multiple classes and audiences about the Armed Forces and Atrocity Prevention, Holocaust Memory in Germany, and the Power of Witness: Victims and Perpetrators at the Trial of Adolf Eichmann.

DEAN'S SIGNIFICANT ACTIVITIES REPORT



DEPARTMENT: USMA Library

POC Name: Christopher Barth

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DATE: 8 November 2018

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

In commemoration of the centennial of the end of WWI, the USMA Library is hosting two exhibits in November. They are both currently on the 2nd floor of the library.

1. The Belgium Expeditionary Corps of Armored Cars (November 6-18, 2018) is a traveling exhibit created by the Belgian National Institute for Veterans and Victims of War for the Belgian Ministry of Foreign Affairs, and endorsed by the United States WWI Centennial Commission.
2. World War I: Lessons and Legacies is a poster exhibit on loan from the Smithsonian that explores the war and its lasting impact and far-reaching influence of American life. It will be on display through November 30, 2018.

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

1. The USMA Library supported instruction for 13 sections of EN101. The library's liaison to the Department of English and Philosophy, Susan Lintelmann, prepared items from the Special Collections and Archives to share and demonstrate to cadets the power of language, and letter writing. Current cadets viewed letters from previous cadets to examine the physical items as artifacts, and to note that cadet concerns have not changed very much in the last 100+ years.

DEAN'S SIGNIFICANT ACTIVITIES REPORT



DEPARTMENT: Mathematical Sciences

POC Name: Meghan Kiser

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DATE: 14 Nov 2018

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

1. On 1 December, West Point's Center for Leadership and Diversity in STEM (CLD STEM) will be hosting a daylong event to engage 40 middle school girls from New York City in STEM workshops. Cadets from the Society of Women Engineers (SWE) will support the workshop.
2. On 7 December, a LEADS workshop will be held at Temple University in Philadelphia, PA leading up to the Army-Navy game. CLD STEM will conduct a high school workshop on Programmable Circuits.
3. On 11 December, CLD STEM and COL Mike Yankovich will conduct a STEM activity for approximately 65 middle school students to support the West Point Middle School during their read-a-thon.

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

1. From 4 – 6 November, COL Paul Goethals and LTC Lee Evans chaired sessions on Cybersecurity Analysis and Network Applications, respectively, at the annual Institute for Operations Research and the Management Sciences (INFORMS) Conference in Phoenix, Arizona. The sessions were attended by more than 50 faculty and practitioners in Operations Research from across the nation.
2. On 8 November, Dr. Keith Weber, Professor of Mathematics Education at Rutgers University, presented a talk entitled "What Do Students Pay Attention to in Lectures in Advanced Mathematics?" In this talk, Dr. Weber discussed the phenomena in which students tend to primarily focus on the logic and proofs in an advanced math class while ignoring the overarching concepts and reasoning employed to develop the proofs. Members of several departments across West Point, including the Department of Systems Engineering and the USMA Preparatory School, attended this talk.
3. On 10 November, Cadet Kate Sanborn (OR Major class of 2020) competed in the Richmond Marathon. Cadet Sanborn placed third among all Females running a 2:44 and beating some professional marathoners in the process.

DEAN'S SIGNIFICANT ACTIVITIES REPORT



DEPARTMENT: Physics and Nuclear Engineering

POC Name: Kim M. Lee

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DATE: 15 November 2018

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

1. A NE major and a Physics major are among three students traveling to Simi Valley, CA, to attend the Reagan National Defense Forum, 30 November - 2 December.

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

1. On 13 November, MAJ Gregory Sablan and 39 cadets from three sections of NE350 traveled to Chester, NY to attend a tour at the STERIS IsoMedix Facility. Cadets were educated on the use of the radioisotope Co-60 in gamma-ray sterilization of everyday products. The trip served to demonstrate the practical applications of lessons learned in the course.
2. Dr. Ken Allen traveled to Orlando to attend the American Nuclear Society's winter meeting, 11-14 November. He presented a paper entitled *Importance of Professional Engineering Licensure for Nuclear Engineers* and served on a panel discussion on Professional Engineer licensure. He also acted as a judge for the undergraduate and graduate design competitions and met with members of the three national committees on which he serves as a member.
3. On 1 November, thirty NE majors and minors participated in an Applied Radiation Detection Exercise at the Aachen MOUT site as part of a lab requirement for NE452 (Instrumentation and Shielding). The cadets donned tactical gear, organized into search elements, selected appropriate radiation detection equipment, and volunteer leaders developed hasty plans to address four scenarios, briefing plans to the USMA G3 prior to moving teams down range. During the AAR, cadets stated how much they appreciated the legitimacy of the scenarios, the use of role players speaking foreign languages, the access to advanced radiation detection equipment on loan from DTRA, the use of the D/CME Polaris MRZR, and the chance to execute hasty planning under ambiguous conditions.

DEAN'S SIGNIFICANT ACTIVITIES REPORT



DEPARTMENT: Systems Engineering

POC Name: CPT Clay Woody

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DATE: 16 NOV 2018

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

1. The Board of Advisors will visit DSE from 15-16NOV IOT discuss the current state and future initiatives of the Systems Research Program. The event will be hosted by DSE leadership, the current ORCEN Director, and several former ORCEN directors. The two- day engagement will include strategic discussions concerning the mission, organizational structure, and potential client partnerships for both cadet and faculty projects for the program over the next 5-10 years.
2. ASEM Chick-Fil-A Trip Section (28NOV).
3. Dr. Greg Parnell will be giving a guest lecture in Arnold Auditorium to over 230 cadets that are taking SE300/301. Dr. Parnell will share real-world examples of where Value Focused Thinking was exercised (4DEC).

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

1. MAJ Pegues attended the 10th Military Erasmus in Athens, Greece with four cadets and LTC Babbitt. The event included 163 participants from 25 military academies (11 EU Countries + USA and Canada). As part of the event the cadets were able to run in the Athens marathon, row in a replica Greek warship, and attend seminars on military history (10NOV).
2. SE450 project team conducted site visit to Lockheed Martin Space Systems in Sunnyvale and Santa Cruz, CA to aid their work on a Directed Energy weapons system project on developing Design Reference Missions for rockets, artillery, and mortars. In Sunnyvale, Cadets received an orientation of laser weapon system controls and an optical bench assembly in development. At Santa Cruz, they viewed a tracking demonstration from the ATHENA 30kW laser, received more briefings, and participated in a working session.

DEAN'S SIGNIFICANT ACTIVITIES REPORT



DEPARTMENT: WPWP

POC Name: Wynn Klosky

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DATE: 11/15/18

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

1. On Thursday, 15NOV18, Monday, 19NOV18, and Thursday, 06DEC2018, the Faculty Writing Group will meet from 1200-1350 in JH401; Dr. Colleen Eils (Associate Director, WPWP) will be on hand to answer questions and offer guidance. The FWG is open to all West Point faculty members working on any academic writing, at any point in the process. The FWG meets regularly to dedicate time to individual scholarly writing in a community with a shared purpose.
2. On Monday, 26NOV18, the Cadet Writing Fellows, led by CIC Helen Schroeder ('20) will hold a Monday Lunch Meet-up in the WPWP office (JH129). They will assess MWC progress and devise strategies for future efforts.
3. On Wednesday, 28NOV18, all members of the West Point community are invited to attend the MWC Wednesday Night Workshop "Technical Communication for Engineers," led by COL Bret Van Poppel, LTC James Bluman, and LTC Andrew Bellocchio (CME), from 2000-2050 in JH301. These experienced engineering faculty members will advise workshop participants on essential principles to observe in technical communication.
4. On Wednesday, 05DEC18, 2000-2050 in JH301, Dr. Colleen Eils (Associate Director, WPWP) will lead the Wednesday Night Workshop "Nailing the Elevator Pitch," aimed at those who want to craft concise and compelling examples of this type of brief, persuasive statement, a key to professional success and useful in any field.
5. To help prepare cadets for timed writing exercises, Dr. Jason Hoppe (Director, WPWP) will present the 12DEC18 Wednesday Night Workshop "Writing Under Pressure" from 2000-2050 in JH301. Workshop participants will learn strategies for success on TEEs and WPRs in any course.

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

1. More than 98% of all Mounger Writing Center clients reported that their face-to-face consultations have been helpful or very helpful -- which might explain why it's been all hands on deck during the first two weeks of November, when Writing Fellows have spent a whopping 5537 minutes helping clients improve their writing during 129 appointments, up 13% from this same time last year. With more than 97% of our clients reporting that they will recommend the Writing Center's services to others, it seems certain that Writing Fellows will continue to be in high demand.