

DEPARTMENT: Chemistry & Life Science
POC Name: MAJ Jeremy Hershfield
POC Email: jeremy.hershfield@westpoint.edu
DATE: 09 May 19

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

1. 24 MAY: CLS will hold the Department Awards Ceremony for the Class of 2019 Graduates @ 1400 in the Class of 1985 Auditorium.

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

1. MAJ Armand Balboni, OIC, recently led 12 members of the West Point Premedical Society (WPPMS) on a visit to the Icahn School of Medicine at Mount Sinai in NYC, where they were hosted by the student veterans club and Drs. Mueller and Parkas of the Deans Office. Cadets enjoyed a tour of the medical school, hospital, and the anatomy lab, as well as discussions about the admissions process. The trip concluded with an invitation and acceptance by Drs. Mueller and Parkas to visit WPPMS at West Point this fall.
2. Led by Dr. Ed Falta, MD, and Dr. J. Ken Wickiser, PhD, the CH460 Human Anatomy premedical Class of 2019 Cadets recently traveled to Bethesda, MD, to conduct laboratory training and simulations on various surgical procedures at the Uniformed Services University of Health Sciences (USUHS) and the Walter Reed National Military Medical Center (WRNMMC). Cadets participated in a variety of activities: practical demonstrations of anatomical forensics by Dr. Guinevere Granite, PhD, Director and Human Anatomy Course Coordinator at USUHS, who has been featured on the Smithsonian Channel's documentary, Secrets: Bog Bodies; lectures on military surgical operations by CAPT Eric Elster, MD, Chair of the Department of Surgery at USUHS and WRNMMC and COL Fred Lough, MD, USMA '70, Deputy Chair of the Department of Surgery at USUHS and WRNMMC; surgical orientation in the human cadaver lab at USUHS; training on cutting-edge neurovascular clearing techniques, cranium drilling and patching techniques, and radiology- and imagery-assisted surgical techniques by technicians and physicians from industry leading companies and hospitals in the National Capitol Region.
3. 29-30 APR: For the fourth year in a row, the CH101 General Chemistry I Cadets were exposed to cutting edge science and engineering during the Military Chemistry (MILCHEM) enrichment presented by personnel from Picatinny Arsenal in Wharton, NJ. Cadets witnessed applications of the concepts they learned throughout the semester on topics related to explosives chemistry, nanoparticles, and gas laws. MILCHEM provides directly connects intellectual capital at USMA with premier Army Research Laboratories, and CH1010 Cadets routinely discover exciting aspects of chemistry during MILCHEM that translate to AIADs over the summer and develop into projects they pursue during and beyond their time at West Point.

DEPARTMENT: Department of Foreign Languages
POC Name: CPT Balazs Peszeki
POC Email: balazs.peszeki@westpoint.edu
DATE: May 8, 2019

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

1. Cadets studying abroad in Munich and Hamburg will return to West Point this Friday. Over the spring semester, these Cadets have taken academic classes in German, attended international military balls in Austria, participated in a seminar with a German multinational corporation, attended Founder's Day, trained with German *Bundeswehr* units, and visited various cultural and historical sites throughout Germany.
2. COL Gregory will lead five rising Yearlings to Beijing, PRC for intensive language and cultural immersion on an AIAD from May 26 to June 15.
3. On May 26, 8 Cadets will depart USMA for Rochefort, France for a three-week intensive French course hosted by the French Gendarmerie.

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

2. On May 2, the Department of Foreign Languages completed one of the most successful Projects Days to this date. The Spanish Section completed three Projects Day presentations titled, "*The Public Perception of the U.S. and China in the Northern Triangle*", "*Border Wall Economics*", and "*Sex Trafficking in Venezuela*". These projects were semester long efforts and were coordinated with USSOUTHCOM and SOCSOUTH. In the Chinese section, Dr. James Millward of Georgetown University's School of Foreign Service attended the presentations and gave an evening lecture entitled "*The PRC Re-education Gulag: Repression, Assimilation and Islamophobia in the Name of 'Stability' and 'Chineseness'*". As an academic with decades of experience travelling to and researching China, focusing on the Silk Road and Xinjiang, he brought more regional knowledge and expertise for the Cadets to consider. BG Steve Michael, USARPAC Deputy Chief of Staff, G3/5/7 and USMA graduate of 1988, also attended Projects Day to observe Chinese-language Cadets presentations and to provide input into a Department roundtable discussion on values-based competition and upholding the integrity of liberal democracy. In German Section, Cadets James Pontius, Maggie Gleason, and Jackson Darash presented their capstone research. Their presentation, "*The US-German Relationship*", was given entirely in German and analyzed the diplomatic, economic, and military aspects of this vital partnership. The Cadets concluded the presentation by giving recommendations to further improve relations between the two nations. In attendance were Mr. Heiko Schwarz, the head of the Political Department of the German Consulate in NYC, and LTC Axel Jancke, the deputy military advisor of the permanent mission of Germany to the United Nations. In Persian Section, under the supervision of Dr. Irani-Tehrani, USMA Cadets Lee Cox, Jason Pulido and Jared Rivera successfully presented their LN490 Persian Capstone Project. The project leveraged 360 video technology,

creating a near-authentic vignettes featuring native speakers in cultural contexts. The results of this project can be applied to promote Cadets' language immersion and reinforce their knowledge acquired through classroom instructions. The French Section had four groups present their LN490 capstone projects. All groups demonstrated their ability to effectively communicate complex ideas in French. COL Stanislas de Magnienville, French reserve liaison officer attended all four presentations and was very impressed with their proficiency level of the Cadets.

3. In conjunction with CPT Anees Merzi from the Department of Geography and Environmental Engineering, MAJ George Gurrola advised the project titled, "*Viewing the Sexual Harassment & Assault Problem under a Geospatial Lens*". The Superintendent provided feedback and will continue to work with the team on sharing SHARP trends with the USMA community.
4. For the sixteenth year, Russian language Cadets took part in the Annual American Council of Teachers of Russian National Post-Secondary Essay Contest. In this year's contest, USMA's sixty-five entries were among the 1366 essays submitted from sixty other universities, colleges, and institutions across the nation, including Harvard, Yale, Defense Language Institute, Columbia, Brigham Young, Dartmouth, and Universities of Wisconsin-Madison, Indiana-Bloomington, and other foreign language power-houses. Three judges from the Pushkin Institute in Moscow read each essay and independently ranked them. The contest is meant to encourage continued study of Russian language and culture. This year was West Point's best showing to date. Five USMA Cadets placed in their respective categories: Category A (non-native speakers), Level 3: Hyneman Andress and Chandler Flint: Bronze Medal; Category A, Level 2: Benjamin Leehan: Bronze; Jacob Samit and Ricardo Damiani: Honorable Mention. Also, CPT Ryan Tintera, USMA '09, presently an ACS Russian MA candidate at Columbia University, won Bronze in Category A, Level 4.
5. On Friday, April 26, Russian students currently enrolled in LR476 Military Speaking and Reading visited the Permanent Mission of Ukraine to the UN. While there, Cadets spoke with Major General Yuriy Kravets, Military Adviser to the Permanent Mission of Ukraine, about Russia's aggressive present policy with the regarding use of military force as it pertains to Ukraine. Cadets were significantly engaged in a wide-ranging discussion of Russia's growing military presence on the border of Ukraine, asking shrewd questions. Deputy Military Advisor Colonel Mykhaylo Kyrylenko also participated in the conversation.

DEPARTMENT: G&EnE
POC Name: CPT Nathaniel Sheehan
POC Email: nathaniel.sheehan@westpoint.edu
DATE: 9 May 2019

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

1. From 13-16 May, MAJ Luke Plante and CPT(P) Erick Martinez will attend the Association of Environmental Engineering & Science Professors (AEESP) Research and Education Conference in Phoenix, AZ. At the conference MAJ Plante will present his paper titled “Re-engineering the Nitrogen Cycle: A Novel Biological Approach to Conserve Ammonium from Pre-nitrified Waste Streams in the Built Environment”.
2. On 13 May, seven faculty members from G&EnE will graduate from the Master Teacher Program during the graduation ceremony in West Point Club.

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

1. On 3 May, Mr. Bill Dauer, Director of the U.S. Forest Service Grey Towers National Historic Site and Mr. Frank “Bill” Hahnenberg, Deputy Director of Operations for Fire and Aviation Management delivered guest lectures on wildfires to Cadets enrolled in EV391B – Natural Hazards and Risk.
2. From 7-9 May, LTC Ben Wallen and CPT Nathaniel Sheehan attended the Society of American Military Engineers’ (SAME) Joint Engineer Training Conference (JETC) in Tampa, Florida. At this even LTC Wallen received the 2019 Bliss Medal. The Bliss Medal is awarded to one person a year, “in recognition of superior efforts in mentoring students in engineering and related disciplines”.
3. On 9 May, Cadets Dane Rickertsen and Justice McKenrick presented their GIS Project to LTC David McConnell, EO Program Manager, and Mr. Terry Allbritton, Diversity Director as a follow up to Projects Day. This allowed a discussion to identify diversity areas of concern using GIS.

DEPARTMENT: Law
POC Name: LTC Marc Washburn
POC Email: marc.washburn@westpoint.edu
DATE: 9 May 2019

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

5-7 JUN Lieber Institute for Law and Land Warfare’s 2nd Military Operations Course brings together numerous practitioners and academics to highlight both the legal issues and practical challenges associated with the application of the law of armed conflict on the modern

battlefield. The intent is to provide attendees an understanding of the law and policy considered by the United States when conducting military operations. Represented institutions include Harvard Law School, Human Rights Watch, Columbia Law School, University of Exeter, Naval War College, University of Queensland and the American Red Cross.

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6-7 May LTC Shane Reeves, LTC Winston Williams, and CPT Rob Lawless attended a workshop entitled “Precautions: Principles, Practice, and Protections.” The event was sponsored by the Lieber Institute for Law and Land Warfare in partnership with Emory Law School’s Center for International and Comparative Law and the Judge Advocate General’s Legal Center and School. Workshop participants discussed the legal and operational challenges associated with the implantation of precautions during armed conflict.

8 MAY. CPT Rob Lawless presented on a panel during the Stanford Artificial intelligence and Law Society (SAILS) Symposium on Artificial Intelligence and Human Rights. CPT Lawless’s panel, on which he was joined by prominent lawyers and technologists, was on “AI and Warfare.” The event took place at Stanford University Law School

8 MAY. Andrew Cornblatt, Dean of Admissions of Georgetown Law Center, visited West Point to speak with Law and Legal Studies major cadets about legal careers.

DEPARTMENT: USMA Library
POC Name: Heather Seminelli
POC Email: Heather.Seminelli@westpoint.edu
DATE: 7 May 2019

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

1. The USMA Library was awarded the Large Federal Library of the Year for FY18 at the Spring FEDLINK Expo at the Library of Congress, Washington, D.C. on 7 May 2018. This award recognizes the innovative ways that federal libraries fulfill the information demands of the government, scholarly communities, and the American public. More information on the award can be found in the press release: <https://www.loc.gov/item/prn-19-045/library-of-congress-recognizes-federal-library-community-change-makers/2019-04-29/>

DEPARTMENT: Mathematical Sciences
POC Name: Yoselin Brice
POC Email: yoselin.brice@westpoint.edu
DATE: 08 May 2019

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

1. On 24 May, The Department of Mathematical Sciences will host its annual end of academic year award ceremony. Mathletes that accomplished outstanding academic achievement in mathematics are formally recognized in front of their families and invited guest.

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

2. On 30 April, The Department of Mathematical Sciences conducted a two-part Faculty Development Workshop (FDW), a course designed to assist in the development of Associate Program Directors (APDs) and Course Directors (CDs) as the leadership teams for next semester's courses. During the sessions, rising course/program leadership discussed Assessment Strategy Development, the transition to Blackboard as the primary online interaction and hosting of course material, and outgoing personnel knowledge transfer. Overall, APDs and CDs left these sessions more educated on policies that impact their programs and more prepared to develop their courses for the AY20 Fall semester.
3. On 2 May, The Department of Mathematical Sciences held a poster session on projects day for 42 students in research courses to brief their progress to faculty members, research partners, and other distinguished visitors. In the afternoon session, seventeen honors thesis projects were also presented to staff and faculty to fulfill the course requirement of a conference level presentation. Department leadership and project day faculty advisors met with BG Matthew Easley, the Director of the Artificial Intelligence Task Force, who visited cadet poster sessions that involved research in Data Science, Artificial Intelligence, and machine learning.

DEPARTMENT: Physics and Nuclear Engineering

POC Name: Kim M. Lee

POC Email: kim.lee@westpoint.edu

DATE: 9 May 2019

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

On 10 May, COL Edward P. Naessens, Jr. will be advanced to the rank of Brigadier General and retire from active duty after 38 years of service to our Nation.

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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28 projects involving 45 cadets were presented on Projects Day from the Department of Physics and Nuclear Engineering. 15 faculty advisors from the Department are involved with the cadet's projects.

LTG James Dickinson, Commander US Army Strategic Command and US Army Space & Missile Defense Command (SMDC), and Mr. Richard DeFatta, Director SMDC Future Warfare Center, participated in and attended events of Projects Day 2019. They were briefed on Space Related Research Projects in D/PaNE, D/GENE and D/EECS, participated as guest speakers for SP472, Space Physics, and LTG Dickinson hosted a professional development symposium for newly selected Air Defenders from the USMA Class of 2019. LTG Dickinson and Mr. DeFatta also received a D/PaNE orientation briefing and discussed the future of SMDC related research at West Point.

DEPARTMENT: Social Sciences
POC Name: LTC Josh Richardson
POC Email: joshua.richardson@westpoint.edu
DATE: Week of 6 May 2019

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

1. 24 May: The Department of Social Sciences will host its annual **Graduation Awards** in Thayer Hall, 144 from 1400-1500. The session allows us to host distinguished department supporters and families of graduates, as well as **recognize 75 cadets** for excellence across social science and economic disciplines.
2. 21-23 May: **Dr. Scott Limbocker, Assistant Professor in the American Politics program** will host a **quantitative methods refresher for faculty**. Across three sessions the refresher looks to re-baseline faculty across topics such as design and hypothesis testing, regression, and applications such as Stata. Sessions will give faculty the chance to ask questions about ongoing research or provide rigorous preparation for summer research.
3. 10 May: The **SOSH Volleyball team** will play for the USMA intramural championship. Following strong showings in ultimate frisbee and basketball, the department's teams have been the beneficiary of great coaching and organization from **MAJ John Rohn** and **Dr. Susan Carter**. Go SOSH!

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

1. On 4 May, the **American Politics faculty** held a panel discussion on the topic of the border wall **at the USMA Prep School**. **CDT SGT Joshua Phillips**, the Cow class president and prep school graduate, moderated the panel. Following the panel, over 50

cadet candidates engaged faculty members and CDT Phillips with questions and signed up for further information about becoming an AP major.

2. On 30 April, the **Combating Terrorism Center briefed LTG Scott Howell, JSOC Commander** on a range of topics. The nearly hour-long session included updates on the CTC's efforts to support his command, as well as wider ongoing and proposed research projects.
3. On 2 May **Ms. Katie Ganguli ('03 and SOSH alumnus), Vice President of Insight Partners**, joined the graduating majors from the International Affairs program for a fireside chat at the First-Class Club. Ms. Ganguli's remarks focused on facing adversity and leadership lessons from West Point that helped her lead change in the operational Army.

DEPARTMENT: WPWP
POC Name: Wynn Klosky
POC Email: Wynn.Klosky@westpoint.edu
DATE: 05/09/2019

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

1. On Wednesday, 8 May, the West Point Writing Program held its End-of-Year Recognition Luncheon in the West Point Club Grey Room to celebrate the highly successful year and to recognize the contributions of the Writing Fellows Program's 54 Cadet Writing Fellows and 4 Postgraduate Writing Fellows. Graduating Cadet Writing Fellows and Postgraduate Writing Fellows who had been with the program for the entire academic year received special recognition and certificates.