A CELEBRATION OF
WEST POINT AUTHORS

Highlighting the 456 collected works of scholarship published and presented between July - December 2019.

Department of Behavioral Sciences and Leadership
COL Everett Spain, Department Head


Department of Chemistry and Life Science
COL F. John Burpo, Department Head


Armstrong, Matthew (LTC), LTC Corey James, Dr. Andrew Biaglow, Dr. Enoch Nagelli, and LTC Andrew Pfluger (GENE). “Chemical Engineering Lab for Seniors at United States Military Academy.” Poster presented at the American Institute for Chemical Engineers (AIChE) Annual Meeting, Orlando, Florida, November 2019.


Eslinger, Melissa (LTC), MAJ Ryan Rodriguez (Former C&LS), and Dr. Elizabeth Mentis. “Microbial Diversity: An Interdisciplinary Approach to Identifying the Microbiome.” Presentation at the Research Experiences Introductory Laboratory Biology (REIL-Bio) Meeting at the Society for the Advancement of Biology Education Research, Minneapolis, Minnesota, July 2019.


Limbocker, Ryan A (Dr.). “Oligomers, Neurodegeneration, and Toxicity in Military Populations.” Presentation presented at the Centre for Misfolding Diseases International Conference, Cambridge, United Kingdom, October 2019.


Department of Civil and Mechanical Engineering
COL Karl F. Meyer, Department Head


Freidenberg, Aaron (Dr.), Lyle Milliman, Ben Parmer ‘18, Gbenga Olaolorun ‘17, Evan Pape ‘18, and Brad Durant. “Validation of Prestressed Concrete High-Fidelity Finite Element Analysis.” *PCI Journal* 64:5 (October 2019): 30–42.


Freisinger, Gregory (Dr.), Fausto Panizzolo, Nikolaos Karavas, Asa Eckert-Erdheim, Christopher Sivy, Andrew Long, Dr. Rebecca Zifchock, Dr. Michael LaFiandra (former CME), and Conor Walsh. “Metabolic Cost Adaptation during Training with a Soft Exosuit Assisting the Hip Joint.” Paper presented at the XXVII Congress of the International Society of Biomechanics (ISB2019), Calgary, Canada, August 31, 2019.


McCoy, Brad C. (LTC), and R. Seracino. “FRP Technology Improves Prestressed Concrete Bridge Superstructure Life-Cycle.” Invited lecture given to Professional Engineers of North Carolina (PENC), Raleigh, North Carolina, May 2019.


Wambeke, Brad (COL), and MAJ Todd Mainwaring. “Monitoring and Controlling a Construction Project in the Classroom.” Presented at the 2019 ASEE Annual Conference & Exposition, Tampa, Florida, June 2019.

Witkop, Christian (CDT, ‘21), and Dr. Gregory Freisinger. “Quantifying Postural Control.” Presented at the International Mechanical Engineering Congress and Exposition, Salt Lake City, Utah, November 11-14, 2019


Abruzzo, Benjamin (Army Armament Center), Kevin Carey, LTC Christopher Lowrance, MAJ Eric Sturzinger, Ross Arnold (CCDC Armaments Center), and COL Christopher Korpela. "Cascaded Neural Networks for Identification and Posture-Based Threat Assessment of Armed People." Presented at the IEEE International Symposium on Technologies for Homeland Security, Woburn, Massachusetts, November 5, 2019.

Arnold, Ross (CCDC Armaments Centers), Benjamin Abruzzo (Army Armament Center), and COL Christopher Korpela. “Towards a Heterogeneous Swarm for Object Classification.” Presented at the IEEE National Aerospace & Electronics Conference (NAECON), Dayton, Ohio, July 15, 2019.

Arnold, Ross (CCDC Armaments Center), Kevin Carey, Benjamin Abruzzo (Army Armament Center), and COL Christopher Korpela. “What Is a Robot Swarm: A Definition for Swarming Robotics.” Presented at the IEEE Ubiquitous Computing, Electronics and Mobile Communications Conference, Columbia University, New York, October 10, 2019.


Benjamin, John (Dr.). “Comics and Early Popliteratur: Intermediality in Rolf Dieter Brinkmann’s Die Piloten and ACID.” Presented at the Annual Conference of the German Studies Association, Portland, Oregon, October 2019.

Benjamin, John (Dr.). “Reading the German Graphic Novel: Understanding Learners’ Readings of Multimodal Literary Comics.” Invited talk at the Berliner Comic-Kolloquium, Berlin, Germany, July 2019.


Department of Geography and Environmental Engineering
COL Mark Read, Department Head


Department of History
COL Gail Yoshitani, Department Head


Frey, David (Dr.). “Using Technology to Teach about Genocide and Human Rights Issues.” Presented at the 1st annual conference of the National Higher Education Leadership Consortium of Directors of Centers in Holocaust, Genocide and Human Rights Studies, Omaha, Nebraska, December 5, 2019.


Reeves, Shane (COL). “A Discussion on the Law of Armed Conflict.” Lecturer at the University of California Berkeley Law School, Berkeley, California, October 2019.


Department of Physics and Nuclear Engineering

COL John Hartke, Department Head


Kashinski, David (Dr.), Dr. Lee E. Harrell, COL Kirk Ingold, CDT Mary Clare Cassidy ’20, and COL Corey S. Gerving. “Using a Magneto-Optical Trap (MOT) to Teach Experimental and Computational Methods in Undergraduate Physics.” Poster presented at the 50th Annual Meeting of the APS Division of Atomic, Molecular and Optical Physics APS Meeting, Milwaukee, Wisconsin, May 27, 2019. http://meetings.aps.org/Meeting/DAMOP19/Session/E01.17


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**Department of Social Sciences\**

**COL Suzanne Nielsen, Department Head**

Asal, Victor, and **Amira Jadoon (Dr., CTC).** “When Women Fight: Unemployment, Territorial Control and the Prevalence of Female Combatants in Insurgent Organizations.” *Dynamics of Asymmetric Conflict* (Published online December 2019). https://doi.org/10.1080/17467586.2019.1700542

Asal, Victor, **Nakissa P. Jahanbani (CTC), Charmaine Willis, and Christopher Linebarger.** “If the Lords Are So Revolting, Why Are Revolutions So Rare: The Peasant Game.” Presented at the 89th Annual Meeting of the Southern Economic Association, November 23, 2019.


**Fust, George (MAJ).** “Stay Hungry, Fight to Train.” *Center for Junior Officers*. September 4, 2019.


Fust, George (MAJ). “Knowledge is Power (but only when shared).” Center for Junior Officers. July 17, 2019.


Kofoed, Michael (Dr.). “Economics of Education IV.” Chair and Discussant at the 89th Annual Meeting of the Southern Economic Association, November 23, 2019.

Kofoed, Michael (Dr.), Celeste Carruthers, Dr. Aaron Phipps (OEMA), and Jenna Kramer. “Free College and the Enlistment Decision: Evidence from Tennessee Achieves.” Presented at the 89th Annual Meeting of the Southern Economic Association, November 23, 2019.

Kofoed, Michael (Dr.), Susan Carter (OEMA), and Dr. Matthew Gudgeon (OEMA). “Do Students Choose Their Major Based on Their Friends?” Presented at the 89th Annual Meeting of the Southern Economic Association, November 23, 2019.


Sherlock, Thomas (Dr.). “Russian Political Attitudes and Values under Putin.” Presentation at U.S. European Command Headquarters (EUCOM), Stuttgart, Germany, November 6, 2019.


Schumacher, Jen (CEP), CPT John Plumstead (CEP), and Eric Biener (CEP Intern). “Oh Snap: The Use of Technology for Brief Contact Interventions.” Poster presented at the 24th Annual Conference of the Association for Applied Sport Psychology, Portland, Oregon, October 23, 2019.

Sime, W., D. Chadwick, E. Bean, Angela Fifer (former CEP), and Jen Schumacher (CEP). “Seeking mentorship and supervision: Lessons learned from a legend.” Panelist at the 24th Annual Conference of the Association for Applied Sport Psychology, Portland, Oregon, October 2019.

**Department of Military Instruction**

**COL Alan Boyer, Department Head**


Ouimet, Nicholas G. (MAJ), MAJ Matthew Lensing, MAJ Julia Carier Lensing, Dr. Lynn R. Rielitz, and COL Kevin A. Bigelman (former DPE). “Comparison of Occupational Physical Assessment Test Scores Administered at the United States Military Academy, Reserve Officer Training Corps and Initial Entry Training.” Journal of Military Learning, October 2019.


Army Cyber Institute
COL Andrew Hall, Director


Bastian, Nathaniel (MAJ), and COL Andrew Hall. “Advances in Cybersecurity Analytics and Data Science.” Chair at the INFORMS Annual Meeting, Seattle, Washington, October 20, 2019.


Beshaj, Lubjana (Dr.). “Isogeny Based Post Quantum Cryptography.” Presented at the AvengerCon IV, Columbia, Maryland, October 17, 2019.


Pyke, Aryn (Dr.). “Promoting Women in the Cyber Workforce.” Panelist at CyberTRANsitions, University of Central Florida, Orlando, Florida, December 6, 2019.

Pyke, Aryn (Dr.). “Using Human and Software Observers to Understand and Decompose Performance on Cyber Tasks.” Presented at CyberTRANsitions, University of Central Florida, Orlando, Florida, December 6, 2019.


Call for Published Scholarship

The Office of the Dean and the USMA Library continue to seek the submission of scholarship published by cadets, faculty, and staff in order to better promote and celebrate the contribution by USMA personnel to scholarly communication across all disciplines.

Work should be original scholarship, and can include monographs, journal articles, bibliography, conference presentations and papers, research posters, literature, art, poetry, film, and music.

The period of interest for the next Dean’s Celebration of West Point Authors is January 1–June 30, 2020. Please submit your work to your library liaison listed below:

- Behavioral Sciences and Leadership: Jennifer Chess
- Chemistry and Life Science: Manja Yirka
- Civil and Mechanical Engineering: Laura Mosher
- Electrical Engineering and Computer Science: Thomas Lynch
- English and Philosophy: Susan Lintelmann
- Foreign Languages: Elaine McConnell
- Geography and Environmental Engineering: Alicia Mauldin-Ware
- History: Mary Ahenakew & Mark Danley
- Law: Suzanne Christoff
- Mathematical Sciences: Heather Seminelli
- Physics and Nuclear Engineering: Celeste Evans
- Social Sciences: Michael Arden
- Systems Engineering: Daniel Pritchard
- Military Instruction: Daniel Pritchard
- Physical Education: Daniel Pritchard & Jessica Patterson
- Center for Enhanced Performance, Mounger Writing Center, and USMA Prep School: Stacy Bloomingdale & Lauren Dodd
- Dean’s Staff: Jessica Patterson
