A CELEBRATION OF WEST POINT AUTHORS

16 October 2018 at 1050

Haig Room
Jefferson Hall Library and Learning Center
A Celebration of
West Point Authors

Today we celebrate the more than 250 works of scholarship produced at the Academy between January and June 2018. The theme of this event is Academy research into health.

Welcome and Introduction

Christopher Barth
Librarian and Associate Dean

Dean’s Remarks

BG Cindy Jebb
Dean of the Academic Board

Panelists

- Dr. Diana Thomas, Department of Mathematical Sciences

- Mr. Jason Suby, Department of Physical Education

- Dr. Adam Kalkstein, Department of Geography and Environmental Engineering

  - “Intuitions of personal agency intensify more judgments of others’ behavior.” Symposium talk at the Association for Psychological Science annual conference, San Francisco, California, May 26, 2018.


Matthews, Michael (Dr.). “The Future of Army Medicine.” Panelist at the USAMMRMC’s Principal Assistant for Research and Technology (PART), Herndon, Virginia, March 13, 2018.


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


Burpo, F. John (COL), and MAJ Stephen Hummel (former C&LS faculty). “West Point Department of Chemistry and Life Science – Nexus of Army Chemical and Biological Intellectual Capital.” Countering WMD Journal, no. 16 (Winter/Spring 2018): 34–44.


Gagnon ’19, Megan (CDT), CDT Sarah Chamberlin ‘19, CDT Katherine Iwanyk ’18, Michaela Labare, Dr. Michael Butkus (GENE), Dwight Bowman, and Dr. Michael P. Labare. “Protecting the Warfighter from Parasites.” Presented at the Northeastern Microbiology, Physiology, Ecology and Taxonomy Annual Meeting, Blue Mountain Lake, New York, June 22, 2018.

Gong ’20, Allen (CDT), CDT Gabrielle Milanesa ’20, CDT John Stephen ’20, Dr. Enoch Nagelli, COL F. John Burpo, and Dr. Kamil Woronowicz. “Rhodobacter sphaeroides reaction centers on carbon-based composite electrodes.” Poster presented at the Eastern Regional
Photosynthesis Conference (ERPC), Woods Hole, Massachusetts, May 4-6, 2018.

Gong ’20, Allen (CDT), CDT Gabrielle Milanesa ’20, CDT John Stephen ’20, Dr. Enoch Nagelli, COL F. John Burpo, and Dr. Kamil Woronowicz. “Cyclic Voltammetry of Rhodobacter Sphaeroides Reaction Centers on Carbon-Based Composite Electrodes and Implications for Photocurrent Generation.” Poster presented at the American Chemical Society’s Northeast Nanomaterials Meeting (NENM), Lake Placid, New York, June 1, 2018.


Kennedy, George (Dr.), CDT Michael Min ‘18, CDT Michael Nguyen ‘18, 2LT Jacob Fitzgerald ’17, Samantha Shultz, Dr. Michael Butkus (GENE), COL(R) Jeff Starke (formerly GENE), Dwight Bowman, and Dr. Michael P. Labare. “Protecting the Warfighter from Pathogens.” Presented at the Northeastern Microbiology, Physiology, Ecology and Taxonomy Annual Meeting, Blue Mountain Lake, New York, June 22, 2018.

Mitropoulos, Alex (Dr.), Dr. Enoch Nagelli, CDT Jenny Wang ’20, Dr. Kamil Woronowicz, Dr. J. Ken Wickiser, and COL F. John Burpo. “Electroless deposition of noble metal nanoparticles onto silk fibroin films for biochemical detection.” Presented at the World Congress on Biosensors, Miami, Florida, June 2018.

Mitropoulos, Alex (Dr.), CDT Jenny Wang ’20, CDT Robert Sims ’19, Dr. Kamil Woronowicz, Dr. J. Ken Wickiser, COL F. John Burpo, and Dr. Enoch Nagelli. “Conductive Nanostructured Silk Fibroin Materials.” Poster presented at the American Chemical Society’s Northeast Nanomaterials Meeting (NENM), Lake Placid, New York, June 1, 2018.


Nagelli, Enoch (Dr.), CDT Gabrielle Milanesa ’20, CDT Jenny Wang ’20, CDT An Vu ’20, CDT Benjamin Petrella ’20, Dr. Kamil Woronowicz, Dr. Alex Mitropoulos, and COL F. John Burpo. “3D Graphene/Platinum Nanotube Hybrid Composite Electrodes via Electrostatic Self-Assembly for Supercapacitor Applications.” Poster presented at the American Chemical Society’s Northeast Nanomaterials Meeting (NENM), Lake Placid, New York, June 1, 2018. 3rd place Winner in Poster Competition.


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


Hill, Aaron (LTC), and CPT Michael Campbell. “Student Mastery of Engineering with Design Review.” Presented at the American Society for Engineering Education (ASEE) Gulf-Southwest Section 2018 Annual Conference, Austin, Texas, April 2018.


Department of Electrical Engineering and Computer Science
COL Barry Shoop, Department Head


Hoppe, Jason (Dr.), CDT Helen Schroeder ‘20, CDT Maya Kuang ‘19, and CDT Danny Nguyen ‘18. “The Stories We Must Share: The Role of Narrative in Revision, Compositional Rhythms, and Civic Conversations in the Writing Center.” Session chaired by Dr. Hoppe with cadet presenters at the Mid-Atlantic Writing Centers Association Annual Conference, Rowan University, Glassboro, New Jersey, March 23, 2018.


Morris, Courtney (Dr.). “Ethical Theory of Immanuel Kant.” Class presented at the Bard Prison Initiative, Taconic Correctional Facility, January 2018.


Department of Foreign Languages
COL Gregory Ebner, Department Head

Foster, Michael (Dr.). “From Tenure-Track to Term Position to Job Market: Finding the Right Fit.” Presented at the 49th Meeting of the Northeast Modern Language Association Convention, Pittsburgh, Pennsylvania, April 12, 2018.


Ketterlinus, Leila (CPT), and Dr. Diane Richardson. “Fostering a Non-Native Ideal: Using Texts from Persian Speakers in the German Language Classroom.” Presented at the 49th Meeting of the Northeast Modern Language Association Convention, Pittsburgh, Pennsylvania, April 12, 2018.


Richardson, Diane (Dr.), and CPT Leila Ketterlinus. “Enhancing Multilingual and Multicultural Awareness: Texts from and about Persian Speakers in German Class.” Workshop presented at the Southern Conference on Language Teaching, Atlanta, Georgia, March 15, 2018.


中文考試教材之文化教學內容及教材適切性探析：以《中文讀本》(初中華文)為例


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


Marchillo ’18, Jacob (CDT), and CPT W. Gabe Powell. “Generation of 3D Models to Augment Learning and Geophysical Conceptualization.” Poster presented at the American Geophysical Union (AGU) Spring 2018 Virtual Poster Showcase, March 13, 2018.


Richmond, Amy (Dr.). “Stability and the Environment: Why It Matters to the US Military.” Invited Presentation presented at the UMass Eco Seminar, Amherst, Massachusetts, April 27, 2018.


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**Department of History**

**COL Ty Seidule, Department Head**


**Bucher, Greta (Dr.).** “Discussing Health: Popularizing Modern Healthcare for Women in Late Imperial Russia.” Paper presented at the American Association for the History of Medicine, Los Angeles, California, May 10, 2018.

**Causey ’18, Nick (CDT), CDT Spencer Welton ’18, CDT Craig Sheetz ’18, Dr. James Kirby Martin, and LTC Sean Scufley.** “Fortress West Point App.” Panelists at the Museum of the American Revolution, Philadelphia, Pennsylvania, April 20, 2018.


**Fahey, John (Dr.), and Dr. Clifford J. Rogers.** “Digitizing Military History: New Frontiers in Race, Gender, Urban Studies, and Education.” Panelists at the 132nd Annual Meeting of the American Historical Association, Washington, D.C., January 4, 2018.

**Frey, David (Dr.).** “Holocaust Day of Remembrance.” Guest Speaker at the Holocaust Day of Remembrance, Association of the US Army Headquarters, Arlington, Virginia, April 19, 2018.


Nagel, Amanda (Dr.). “‘Our Boys Have Gone to France’: Race, Ideology, and Military Citizenship during World War I.” Presented at the 85th Annual Meeting of the Society for Military History, Louisville, Kentucky, April 5, 2018.


——. “Military Change in the Late Medieval and Early Modern Mediterranean.” Lecture and Workshop presented at the NEH Summer Institute for Higher Education Instructors: Thresholds of Change: Modernity and Transformation in the Mediterranean, 1400-1700, St. John’s University, Collegeville, Minnesota, June 2018.


Rogers, Clifford J. (Dr.), COL Ty Seidule, and Dr. Steve Waddell, eds. The West Point History of World War II. Vol. 2. Easton, Pennsylvania: Easton Press, 2018.


——. “Holocaust Remembrance Ceremony.” Guest Speaker at the Holocaust Remembrance Ceremony, Natick Labs, Natick, Massachusetts April 11, 2018.

——. “Staff Riding in the Twenty-First Century: A Need for Pedagogical Change?” Discussant at the 85th Annual Meeting of the Society for Military History, Louisville, Kentucky, April 5, 2018.


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Department of Law

COL David Wallace, Department Head


Williams, Winston (LTC). “U.S. Army JAG Corps Legal Center and School’s Commemoration of Black History Month.” Keynote presented at the U.S. Army JAG Corps Legal Center and School’s commemoration of Black History Month, February 27, 2018.

Department of Mathematical Sciences
COL Tina Hartley, Department Head


Allen, Brian (Dr.). “IMCF and the Stability of the PMT and RPI.” Presented at the Joint Mathematics Meeting, San Diego, California, January 10, 2018.


Arney, Kristen (LTC), and Dr. Lisa Bromberg. “How (NOT) to Make a Grade Discovery Learning Assessments.” Presented at the 30th International Conference on Technology in Collegiate Mathematics, Washington, D.C., March 16, 2018.

Arney, Kristen (LTC), and Dr. Frank Wattenberg. “Transforming Assessment from a Silent Killer of Learning to an Active Boost.” Presented at the 30th International Conference on Technology in Collegiate Mathematics, Washington, D.C., March 16, 2018.


Beshaj, Lubjana (Dr.). “Isogenous Elliptic Subcovers of Genus Two Curves.” Presented at the American Mathematical Society Spring Central Sectional Meeting, Ohio State University, Columbus, Ohio, March 16, 2018.


Goethals, Paul (COL), and N.M. Scala. “Eliminating the Weakest Link to Army Readiness,” Decision Analysis 15, no. 2 (June 2018): 110-130.

Guest, Scott, and Dr. Lubjana Beshaj. “Weighted Moduli Space of Binary Sextics.” Presented at the American Mathematical Society Spring Central Sectional Meeting, Ohio State University, Columbus, Ohio, March 16, 2018.


Im, Mee Seong (Dr.). “On a Construction of the Affine VW Supercategory.” Presented at the American Mathematical Society Spring Central Sectional Meeting, Ohio State University, Columbus, Ohio, March 16, 2018.

Kuiper, Patrick (CPT), and MAJ Karoline Hood. “Improving Student Surveys with Natural Language Processing.” Presented at the Joint Mathematics Meeting, San Diego, California, January 10, 2018.


Morse, Steven (CPT), CPT Patrick Kuiper, CDT Kevin Talty ‘18, LTC Michael Scioletti, and Dr. Diana Thomas. “Are human bodies shaped like fruit?” Presented at the Conference of the American Society for Nutrition, Boston, Massachusetts, June 10, 2018.


Steward, Michael C. (Dr.), and K. Alan Loper. “Integer-Valued Polynomials and Rational Functions.” Presented at the American Mathematical Society Spring Central Sectional Meeting, Ohio State University, Columbus, Ohio, March 16, 2018.


Vega, Maria D. (Dr.) “Categorical Twisted Frobenius--Schur Indicators.” Presented at the Joint Mathematics Meeting, San Diego, California, January 10, 2018.


Wattenberg, Frank (Dr.), LTC Kristin Arney, LTC John Bacon, Dr. Kayla K. Blyman, Dr. Lisa Bromberg, MAJ David Delcuadro-Zimmerman, MAJ David Harness, MAJ Scott Warnke, and MAJ Sarah Wohlbier. “ASSESSMENT: Transforming the Silent Killer of Learning to an Active Booster of Learning.” Presented at the Joint Mathematics Meeting, San Diego, California, January 10, 2018.

Williams, Nakeya D. (Dr.) “Mathematical Modeling of Cardiovascular Dynamics during Orthostatic Stress.” Presented at the Joint Mathematics Meeting, San Diego, California, January 10, 2018.


Department of Physics and Nuclear Engineering COL Edward Naessens, Department Head


Department of Social Sciences

COL Suzanne Nielsen, Department Head


Freitas, Molly (Dr.). “Invisible Tattoos of Trauma and Marked Resistance in Zitkala-Šá.” Panelist at the Annual Meeting of the American Comparative Literature Association, Los Angeles, California, March 31, 2018.


Department of Systems Engineering
COL Robert Kewley, Department Head


Department of Physical Instruction
COL Nicholas Gist, Master of the Sword


Army Cyber Institute
COL Andrew Hall, Director


Department of Military Instruction
COL William Ostlund, Department Head


Bechner, Lionel (Dr.), COL Liam Collins. “A Staff Ride for the Modern Battlefield.” Journal of Military Learning, April 2018, 66–75.

Combatting Terrorism Center
LTC Bryan Price, Director

Spencer, John (MAJ), Dr. Lionel Bechner, CPT Brandon Thomas (BS&L). “Putting Concepts of Future Warfare to the Test.” Military Review, April 2018, 81–89.


Dean, Aimen, Paul Cruickshank (CTC Sentinel Editor-in-Chief), and Tim Lister. Nine Lives: My Time as the West’s Top Spy inside Al-Qaeda. S.I.: OneWorld Publications, 2018.


Jadoon, Amira (Dr.). “Causes and Consequences of Civil Conflict.” Chair and Discussant at the 76th annual Midwest Political Science Association Conference, Chicago, Illinois, April 5, 2018.


———. “Research Exploring the Interaction of Foreign Aid with Domestic Conflict Processes within Recipient States.” Presented at the Ending Atrocities Workshop, Uppsala University, Sweden, June 2018.


———. “The United Nations, the African Union, and the Counterterrorism Question in Peacekeeping.” Presented at the African Countries on the Periphery of Terrorism Conference hosted by the African Center for Strategic Studies (DoD), Stellenbosch, South Africa, May 6, 2018.


USMA Library
Christopher Barth, Librarian and Associate Dean


Danley, Mark (Dr.). “Case Study Lecture: Clash of Ideologies: Fighting and Terminating a Major Regional War—The Korean War, 1950-1953.” Guest Lecture for the Strategy and War Core Course, Fleet Seminar Program of the Naval War College delivered at Annapolis, Maryland, February 2018.


USMA Preparatory School
Melanie Wong Dodge, Academic Dean


Center for Enhanced Performance
LTC Darcy Schnack, Director

Taktek, K., Dr. Nate Zinsser, Dr. Lynn Fielitz (DPE), and R. St-John. “Learning How to Prepare Athletes for Peak Performance: Use of Mental Imagery Training as a Psychological Strategy to Enhancing Motor Learning, Retention and Transfer.” Presented at the 29th International Congress of Applied Psychology (ICAP) in collaboration with the Canadian Psychological Association (CPA), Montreal, Quebec, June 26, 2018.

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 01 July - 31 December 2018. Please submit your work to your library liaison listed below:

| Behavioral Sciences and Leadership | Coming Soon! |
| Chemistry and Life Science | Manja Yirka |
| Civil and Mechanical Engineering | Laura Mosher |
| Electrical Engineering and Computer Science | Nick Olijnyk |
| English and Philosophy | Susan Lintelmann |
| Foreign Languages | Elaine McConnell |
| Geography and Environmental Engineering | Alicia Mauldin-Ware |
| History | Mary Ahenakew |
| Law | Suzanne Christoff |
| Mathematical Sciences | Heather Seminelli |
| Physics and Nuclear Engineering | Jenn Chess |
| Social Sciences | Michael Arden |
| Systems Engineering | Daniel Pritchard |
| Military Instruction | Daniel Pritchard |
| Physical Education | Celeste Evans |
| Center for Enhanced Performance | Karen Shea |
| USMA Prep School | Karen Shea |