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A Celebration of West Point Authors

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A CELEBRATION OF WEST POINT AUTHORS

26 September 2017 at 1615

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A Celebration of West Point Authors

Today we celebrate the more than 200 works of scholarship produced at the Academy between January and June 2017. Our featured work is “Intolerance: Political Animals and Their Prey,” a book which grew from a year-long multi-disciplinary collaboration between faculty members of Bard College and West Point.

Welcome and Introduction

Christopher Barth
Librarian and Associate Dean

Dean’s Remarks

BG Cindy Jebb
Dean of the Academic Board

Panelists

- Dr. Bruce Chilton, Bard College, Editor
- COL Ty Seidule, Head of USMA Department of History, Author of “From Slavery to Black Power” chapter
- Dr. Graham Parsons, Associate Professor in USMA Department of English and Philosophy, Author of “Walzer contra Walzer” chapter
- Dr. Rachel Yon, CTC Executive Officer & Assistant Professor in USMA Department of Social Sciences, Moderator

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

Absalon, Jacob Paul (CPT). “Changing Public Opinion Towards LGB Rights: An Analysis Of Data From The American National Election Studies, 1992-2012.” Presented at the Eastern Sociological Society, Philadelphia, Pennsylvania, February 23, 2017.

Absalon, Jacob Paul (CPT), Christina Steidl, Regina Werum, and Alice MillermacPhee. “Soldiers to Citizens ... to Scientists? The Relationship Between Military Service and STEM Trajectories.” Presented at the Eastern Sociological Society, Philadelphia, Pennsylvania, February 23, 2017.

Cornwell, James F. M., Becca Franks, and E. Tory Higgins. “How the ‘Truth’ Self Relates to Altruism: When Your Problem Is Mine.” *Social Cognition* 35 (2): 204–26 (April 1, 2017). doi:10.1521/soco.2017.35.2.204.

Cornwell, James F. M., and E. Tory Higgins. “Management and Regulatory Focus: Three New Domains of Application.” *Rutgers Business Review* 2 (1): 142–49 (March 2017).

Ender, Morten G., COL Diane M. Ryan, 2LT Charles B. Atkins, 2LT Danielle A. Nuskowski, and 2LT Emma Spell. “Transgender Integration in the Military: Cosmopolitans and Tourists.” Presented at the Eastern Sociological Society, Philadelphia, Pennsylvania, February 23, 2017.

Ender, Morten G., COL Diane M. Ryan, 2LT Danielle A. Nuskowski, 2LT Emma Sarah Spell, and 2LT Charles B. Atkins. “Dinner and a Conversation: Transgender Integration at West Point and Beyond.” *Social Sciences* 6 (1): 27 (March 8, 2017). doi:10.3390/socsci6010027.

Hajjar, Remi. “The Unconventional Military Advising Mission.” Presented at the Eastern Sociological Society, Philadelphia, Pennsylvania, February 23, 2017.

Matthews, Mike. “‘Fight Anywhere’: Training Limitations and Building Adaptability.” Featured Panelist at the Sandhurst Conference, West Point, New York, April 3, 2017.

Light refreshments served following the program

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

Fallot, Lucas (MAJ), COL Melinda Z. Kalainoff, and Eileen M. Kowalski. “Peeking Inside the ‘Black Box’: Making Learning Visible Using an Ethnographic Perspective.” Presented at the 253rd American Chemical Society National Meeting, Technical Program CHED 2049, San Francisco, California, April 2-6, 2017.

Isham, Jordan (CDT), CDT Sydney Volenec, LTC Melissa Eslinger, and MAJ Jeremy Hershfield. “Analysis of Biofilm Formation of Acinetobacter on Medical Surfaces.” Presented at the Northeast Branch American Society for Microbiology—Northeast Association for Clinical Microbiology and Infectious Disease, Wakefield, Massachusetts, April 3-4, 2017. <http://www.nacmid.org/Documents/Isham%20and%20Volenec%20biofilm.pdf>.

Miller, April D. (LTC), Anuradha Subramanian, and Hendrik J. Viljoen. “A Nonlinear Model of Cell Interaction with an Acoustic Field.” *Journal of Biomechanics* 56 (May 3, 2017): 83–88. doi:10.1016/j.jbiomech.2017.03.007.

Song, Hongjun, Jenna M. Rosano, Yi Wang, Charles J. Garson, Balabhaskar Prabhakarandian, Kapil Pant, George J. Klarmann, **LTC Luis M. Alvarez,** and Eva Lai. “Spiral-Shaped Inertial Stem Cell Device for High-Throughput Enrichment of iPSC-Derived Neural Stem Cells.” *Microfluidics and Nanofluidics* 21 (4): 64 (April 1, 2017). doi:10.1007/s10404-017-1896-5.

Tseng, Peter, Bradley Napier, Siwei Zhao, **Alex N. Mitropoulos,** Matthew B. Applegate, Benedetto Marelli, David L. Kaplan, and Fiorenzo G. Omenetto. “Directed Assembly of Bio-Inspired Hierarchical Materials with Controlled Nanofibrillar Architectures.” *Nature Nanotechnology* 12 (5): 474–80 (February 2017). doi:10.1038/nnano.2017.4.

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

Barry, Brock E. “Did You Really Mean to Say That? Nonverbal Communication in the Workplace.” Keynote presented at the Lehigh Valley Engineering Council’s Engineers Week Banquet, Breinigsville, Pennsylvania, February 24, 2017.

Bluman, James (LTC), and Chang-Kwon Kang. “Wing-Wake Interaction Destabilizes Hover Equilibrium of a Flapping Insect-Scale Wing.” *Bioinspiration & Biomimetics* 12 (4): 046004 (June 15, 2017). doi:10.1088/1748-3190/aa7085.

Bruhl, Jakob C. (LTC), James Ledlie Klosky, and COL Joseph P. Hanus. “Let’s Break Stuff! A Refit of the Mechanics Sequence of Courses to Inspire Student Inquiry.” Presented at the 2017 ASEE Annual Conference & Exposition, Columbus, Ohio, June 24, 2017. <https://peer.asee.org/let-s-break-stuff-a-refit-of-the-mechanics-sequence-of-courses-to-inspire-student-inquiry>.

Bruhl, Jakob C. (LTC), James Ledlie Klosky, CPT Todd Mainwaring, and COL Joseph P. Hanus. “Accelerating the Development of Engineering Judgment in Students through Inquiry-Based Learning Activities.” Presented at the 2017 ASEE Annual Conference & Exposition, Columbus, Ohio, June 24, 2017. <https://peer.asee.org/accelerating-the-development-of-engineering-judgment-in-students-through-inquiry-based-learning-activities>.

Fridley, Kenneth J., Decker B. Hains, Leslie Nolen, **Brock E. Barry,** and Beth Lin Hartmann. “Is It Time For a Third Edition of the Civil Engineering Body of Knowledge (BOK)?” Presented at the 2017 ASEE Annual Conference & Exposition, Columbus, Ohio, June 24, 2017. <https://peer.asee.org/is-it-time-for-a-third-edition-of-the-civil-engineering-body-of-knowledge-bok>.

Gonser, Jennifer (MAJ), and CPT Todd Mainwaring. “Board # 24: “Was It Worth It?” Reassessing the Lasting Value of a LEED Credentialing Course to Its Students a Few Years After Graduation.” Poster presented at the 2017 ASEE Annual Conference & Exposition, Columbus, Ohio, June 24, 2017. <https://peer.asee.org/board-24-was-it-worth-it-reassessing-the-lasting-value-of-a-leed-credentialing-course-to-its-students-a-few-years-after-graduation>.

Lattuca, Lisa R., David B. Knight, Hyun Kyoung Ro, and **LTC Brian J. Novoselich.** “Supporting the Development of Engineers’ Interdisciplinary Competence.” *Journal of Engineering Education* 106 (1): 71–97 (January 1, 2017). doi:10.1002/jee.20155.

Melnyk, Richard (COL). “A Helicopter Flight Laboratory Experience in an Undergraduate Helicopter Aeronautics Course.” Presented at the 2017 ASEE Annual Conference & Exposition, Columbus, Ohio, June 24, 2017. <https://peer.asee.org/a-helicopter-flight-laboratory-experience-in-an-undergraduate-helicopter-aeronautics-course>.

Melnyk, Richard (COL), and LTC Brian J. Novoselich. “The Role of Andragogy in Mechanical Engineering Education.” Presented at the 2017 ASEE Annual Conference & Exposition, Columbus, Ohio, June 24, 2017. <https://peer.asee.org/the-role-of-andragogy-in-mechanical-engineering-education>.

Novoselich, Brian J. (LTC), Janice Leshay Hall, Keith A. Landry, Joyce B. Main, and Anthony W. Dean. 2017. "Supporting Veteran Students Along Engineering Pathways: Faculty, Student, and Researcher Perspectives." Presented at the 2017 ASEE Annual Conference & Exposition, Columbus, Ohio, June 24. <https://peer.asee.org/supporting-veteran-students-along-engineering-pathways-faculty-student-and-researcher-perspectives>.

Stache, Jeremiah Matthew (CPT), Brock E. Barry, James Ledlie Klosky, and Gregory Martin Freisinger. "Assessing Individual Temperament and Group Performance in a Project-Based Learning Experience." Presented at the 2017 ASEE Annual Conference & Exposition, Columbus, Ohio, June 24, 2017. <https://peer.asee.org/assessing-individual-temperament-and-group-performance-in-a-project-based-learning-experience>.

Stache, Jeremiah Matthew (CPT), COL Joseph P. Hanus, and MAJ Jennifer Gonser. "Assessing Sustainability in Design in an Infrastructure Course through Project-Based Learning." Presented at the 2017 ASEE Annual Conference & Exposition, Columbus, Ohio, June 24, 2017. <https://peer.asee.org/assessing-sustainability-in-design-in-an-infrastructure-course-through-project-based-learning>.

Wambeke, Brad (LTC), Brock E. Barry, and LTC Jakob C. Bruhl. "Teaching Model as a Living Document." Presented at the 2017 ASEE Annual Conference & Exposition, Columbus, Ohio, June 24, 2017. <https://peer.asee.org/teaching-model-as-a-living-document>.

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

Brownfield, David (2LT), 2LT Sean Deaton, 2LT Leonard Kosta, 2LT Zhaozhong Zhu, and Suzanne Matthews. "Leveraging Apache Spark for Real-Time Regex Matching on Bro Log Data." Poster Presented at the Consortium for Computing Sciences in Colleges Northeastern Region (CCSCNE'17) Undergraduate Research Competition, Albany, New York, April 2017.

Carley, Kathleen M, Geoffrey P Morgan, and **LTC Michael J. Lanham.** "Deterring the Development and Use of Nuclear Weapons: A Multi-Level Modeling Approach." *The Journal of Defense Modeling and Simulation* 14 (1): 95–105 (January 1, 2017). doi:10.1177/1548512916681867.

Katauskas, Alex F. (MAJ), and **Wenli Huang.** "Demonstration and Simulation of Dispersion in Coaxial Cables with Low Pass Filters - A Teaching Laboratory Experiment." Poster presented at the 2017 American Society for Engineering Education Annual Conference, Columbus, Ohio, June 25, 2017. <https://www.asee.org/public/conferences/78/papers/18168/view>.

Kosta, Leonard (2LT), Harrison Hunter, Glover George, Andrew Strelzoff, and **Suzanne J. Matthews.** "Measuring I/O Performance of Lustre and the Temporary File System for Tradespace Applications on HPC Systems." In *ACM SE '17 Proceedings of the SouthEast Conference*, 187–190 (2017). New York, NY, USA: Association for Computing Machinery. doi:10.1145/3077286.3077326.

Lowrance, Christopher J. (LTC), and Adrian P. Lauf. "Link Estimation in Robot Networks for Multi-Radio Control and Range Extension." *Journal of Intelligent & Robotic Systems* 85 (2): 245–275 (February 1, 2017). doi:10.1007/s10846-016-0372-x.

Matthews, Suzanne J. "Using Phoenix++ MapReduce to Introduce Undergraduate Students to Parallel Computing." *Journal of Computing Sciences in Colleges* 32 (6): 165–174 (June 2017).

Matthews, Suzanne J., Joel C. Adams, Richard Brown, and Elizabeth Shoop. "Teaching Parallel Computing with OpenMP on the Raspberry Pi." In *Proceedings of the 2017 ACM SIGCSE Technical Symposium on Computer Science Education*, 741. SIGCSE '17. New York, NY, USA: Association for Computing Machinery. doi:10.1145/3017680.3017818.

Matthews, Suzanne J., and Aaron Leger. "Leveraging MapReduce and Synchronizers for Real-Time Anomaly Detection in the Smart Grid." *IEEE Transactions on Emerging Topics in Computing* PP (99): 1 (April 17, 2017). doi:10.1109/TETC.2017.2694804.

Rahman, Farzana, **Suzanne Matthews**, Kelly Shaw, and Andrea Danyluk. "Can We Really Do It?: Conducting Significant Computer Science Research in Primarily Undergraduate Institutions (PUIs)." In *Proceedings of the 2017 ACM SIGCSE Technical Symposium on Computer Science Education*, 729. SIGCSE '17: 48th Technical Symposium on Computer Science Education. New York, NY, USA: Association for Computing Machinery. doi:10.1145/3017680.3022347.

Reed, Andrew (MAJ), and CPT Michael Kranch. "Identifying HTTPS-Protected Netflix Videos in Real-Time." In *Proceedings of the Seventh ACM on Conference on Data and Application Security and Privacy*, 361–368. CODASPY '17. New York, NY, USA: Association for Computing Machinery. doi:10.1145/3029806.3029821.

Wilkerson, Stephen Andrew, Jason Forsyth, and **LTC Christopher Michael Korpela.** "Project Based Learning Using the Robotic Operating System (ROS) for Undergraduate Research Applications." Presented at the 2017 ASEE Annual Conference & Exposition, Columbus, Ohio, June 24, 2017. <https://peer.asee.org/28768>.

Department of English and Philosophy
COL David Harper, Department Head

- Barnes, David (COL).** “Moral Injury and Meaning-Making.” Presented at the International Society of Military Ethics, Washington, D.C., January 25, 2017.
- Eils, Colleen Gleeson.** “Narrative Privacy: Evading Ethnographic Surveillance in Fiction by Sherman Alexie, Rigoberto González, and Nam Le.” *MELUS: Multi-Ethnic Literature of the U.S.* 42 (2): 30–52 (Summer 2017).
- Harper, David (COL).** “‘The Scanning of Error’: Areopagitica and 3-D Printed Guns.” In *Milton, Materialism, and Embodiment: One First Matter All*, edited by Kevin J. Donovan and Thomas Festa. Pittsburgh, Pennsylvania: Duquesne Press, June 2017.
- Herbst, Seth.** “Milton, Handel, and the Problem of Cacophony.” Presented at The 63rd Annual Meeting of the Renaissance Society of America, Chicago, Illinois, April 1, 2017. https://convention2.allacademic.com/one/rsa/rsa17/index.php?cmd=Online+Program+View+Paper&selected_paper_id=1165057&PHPSESSID=qrnfm3ebqo3b7bgcinc0bu9256.
- Herbst, Seth.** “Sound as matter: Milton, music, and Monism.” In *Milton, Materialism, and Embodiment: One First Matter All*, edited by Kevin J. Donovan and Thomas Festa. Pittsburgh, Pennsylvania: Duquesne Press, June 2017.
- Hoppe, Jason.** “Haptic Writing Centers and Manumotive Designs.” Presented at the Annual Conference of the Northeastern Writing Centers Association (NEWCA), Pleasantville, NY, April 1, 2017.
- Johnson, Kristen (CPT).** “Labor and the Writing Center.” Presented at the Annual Conference of the Northeastern Writing Centers Association (NEWCA), Pleasantville, NY, April 1, 2017.
- Jones, Harry (LTC).** “Dishonesty, Character, and the Institutional Army.” Presented at the International Society of Military Ethics, Washington, D.C., January 25, 2017.
- Madden, John (MAJ).** “Uncertainty and the Ethics of Conflict.” Presented at the International Society of Military Ethics, Washington, D.C., January 25, 2017.
- Nelson, Cassandra.** “Faith, Authority, and Computer Culture.” Presented at the Southwest Popular/American Culture Association’s 38th Annual Conference, Albuquerque, New Mexico, February 18, 2017.

- Nelson, John C. (COL).** “A ‘Parvenu Predator’? When the Kill Zone and the Contact Zone Collide on the Isle of Spice.” In *Caribbean Military Encounters*, edited by Shalini Puri and Lara Putnam, 231–47. New York, New York: Palgrave Macmillan, May 2017.
- Parsons, Graham.** “Walzer Contra Walzer.” In *Intolerance: Political Animals and Their Prey*, edited by Robert E. Tully and Bruce Chilton. Hamilton Books, 2017.
- Parsons, Scott (MAJ).** “Whether the Ethics of Care Will Affect the Future of Just War Theory.” Presented at the International Society of Military Ethics, Washington, D.C., January 25, 2017.
- Query, Patrick.** “John Howard Wilson and the Evelyn Waugh Society.” Presented at the Evelyn Waugh: Reader, Writer, Collector Symposium, The Huntington Library, San Marino, California, May 6, 2017.
- Sider, Justin.** “‘Modern-Antiques,’ Ballad Imitation, and the Aesthetics of Anachronism.” *Victorian Poetry* 54 (4): 455–75. doi:10.1353/vp.2016.0029, 2017.
- Zukerman, Cordelia.** “Shakespeare’s Comedies, The Passionate Pilgrim, and the Idea of a Reading Public.” *SEL Studies in English Literature 1500-1900* 57 (2): 253–74, (Spring 2017).

Department of Foreign Languages
COL Gregory Ebner, Department Head

- Amell, Amaya.** “The Theory of Just War and International Law: From Saint Augustine, through Francisco de Vitoria, to Present.” *Hispanic Journal* 38 (1): 63–76 (Spring 2017).
- Chouairi, Rajaa, and COL John Baskerville.** “Bringing the Arab World to the Classroom.” Presented at the Northeast Conference on the Teaching of Foreign Languages, New York, New York, February 10, 2017.
- Pendergast, John.** “The Patriotic Elegy: Zhukovsky’s Орлеанская Дева.” *Slavic Readings XI* Daugavpils, Latvia. [printed 2017].
- Venere, Sherry, and Jeff Watson.** “Collaborative Learning Through the Use of Social Media.” Presented at the Northeast Conference on the Teaching of Foreign Languages, New York, New York, February 10, 2017.
- Zapf, Andrew (MAJ).** “Turkey & Egypt: The Military’s Role in Moderation of Political Islam.” *The Foreign Area Officer Association Journal of International Affairs* XIX&XX (1): 79–83 (Spring 2017).

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

Carlson, Anders E., Zoe Kilmer, Leah B. Ziegler, Joseph S. Stoner, Greg C. Wiles, Kaitlin Starr, Maureen H. Walczak, William Colgan, Alberto V. Reyes, **CPT David J. Leydet**, and Robert G. Hatfield. "Recent Retreat of Columbia Glacier, Alaska: Millennial Context." *Geology* 45 (6): 547–50 (June 2017). doi:10.1130/G38479.1.

Department of History
COL Ty Seidule, Department Head

Askew, Mark C. (MAJ). "How Far Should I Go in Protecting Guitierrez?" Presented at the 84th Annual Meeting of the Society for Military History, Jacksonville, Florida, March 31, 2017.

Bernick, Brandon (CPT). "Gamble at Inchon: Terrain and Weather Analysis." In *The West Point Guide to Small Unit Operations*. New York: Rowan Technology Solutions, 2017.

Black, Frederick H. (LTC). "Supporting Maneuver, Indirect Fires Planning at As Samaway." In *The West Point Guide to Small Unit Operations*. New York: Rowan Technology Solutions, 2017.

Brands, Benjamin (MAJ). "Reform and Complacency: West Point After the Civil War." Presented at the 84th Annual Meeting of the Society for Military History, Jacksonville, Florida, March 31, 2017.

Doss, J. Casey (LTC). "Adapting A Colonial Mind: The U.S. in Tunisia, 1943." Presented at the 84th Annual Meeting of the Society for Military History, Jacksonville, Florida, March 31, 2017.

Fahey, John. "A Heritage of War: Promoting Tourism in Przemyśl, Poland, 1989–2014." Presented at the American Historical Association, Denver, Colorado, January 5, 2017.

Fahey, John. "World War I in the Forgotten Austro-Hungarian Empire." Presented at the New York Military Affairs Symposium, New York, New York, March 17, 2017.

Fahey, John. "Undermining a Bulwark of the Monarchy: Civil-Military Relations in Fortress Przemyśl (1871–1914)." *Austrian History Yearbook* 48: 145–58, April 2017. doi:10.1017/S0067237816000618.

Frey, David. "Rhetoric and Reality: Global Fears of a Second Hungarian Holocaust in Post-War Europe." Address at the SUNY New Paltz Day of Remembrance, New Paltz, New York, April 2017.

Frey, David. "The Social Practice of (In)Equality in Nazi Germany." Presented at the Bard Prison Initiative, Fishkill, New York, May 2017.

Frey, David. "Atrocity Prevention and Military Leadership." Presented at the American Service Academies Program, Museum of Jewish Heritage, New York, New York, June 2017.

Frey, David. "Echoes of the Shoah: The 1951 Resettlement of Budapest's Jews." In *American Responses to the Holocaust: Transatlantic Perspectives*, edited by Hans Krabbendam and Derek Rubin, New edition. New York: Peter Lang, June 2017.

Gatzemeyer, Garrett T. (CPT). "Fighting Machines: U.S. Army Physical Training and the Meaning of Fitness, 1881-1914." Presented at the 84th Annual Meeting of the Society for Military History, Jacksonville, Florida, March 31, 2017.

Gibby, Bryan R. (COL). "Paying Mars His Due: The Intersection of Strategy, Operations, Technology, Economics, and Finance in World War II." Commentator at the 84th Annual Meeting of the Society for Military History, Jacksonville, Florida, March 31, 2017.

Gibby, Bryan R. (COL). "The Battle of Shangganling, Korea, October-November 1952." *Journal of Chinese Military History* 6 (1): 53–89, May 2017. doi:10.1163/22127453-12341308.

Ingrao, Charles, and **John Fahey**. "Habsburg Grand Strategy in the Long Nineteenth Century." In *Grand Strategy in Global History: Harnessing Diplomacy, Economics, and Military Force to Advance National Interests*, edited by Robert T. Davis. Santa Barbara: ABC-CLIO, May 2017.

Ingrao, Charles, and **John Fahey**. "The Habsburg Empire after 1763 and 1815: Reconstruction and Response." In *Decades of Reconstruction: Postwar Societies, State-Building, and International Relations from the Seven Years' War to the Cold War*, edited by Ute Planert and James Retallack, 105–22. Cambridge: Cambridge University Press, June 2017.

Keating, Christine (MAJ). "The Whole Matter Requires Careful Consideration: Observations of the U.S. Defense Intelligence Agency during Brazil's Military Dictatorship." Presented at the Brown University Second International Symposium, Brazil: From Dictatorship to Democracy - Transparency, Truth, and Memory: An International Conference and Digital Scholarship Workshop, Providence, Rhode Island, April 7, 2017.

Kiesling, Eugenia C. "Why Talk About 'Total' War?" Presented at the 84th Annual Meeting of the Society for Military History, Jacksonville, Florida, March 31, 2017.

Krueger, David (CPT). “A Community on the March: The Migration of the Mormon Battalion.” *Journal of America’s Military Past* 42 (2): 12–33, Spring/Summer 2017.

Martin, James R. (CPT). “Nixon’s Other War: The United States and the ‘Soccer’ War of 1969.” Presented at the 84th Annual Meeting of the Society for Military History, Jacksonville, Florida, March 31, 2017.

McGovern, Rory M. (MAJ). “The School of Experience: George W. Goethals and the U.S. Army, 1876–1907.” *Journal of Military History* 81 (2): 395–424, (April 2017).

Mobbs, Mike (CPT). “Above the Danger: Army Aviation and the Development of Risk Management Doctrine.” *Army History* (102): 26–36, Winter 2017.

Rogers, Cliff. “Assessing the Wars of the French Revolution and Napoleon: Clausewitz and Jomini.” In *The West Point History of Warfare*. New York, New York: Rowan Technology Solutions, 2017.

Rogers, Cliff. “Tactics and Topography at the Battle of Poitiers, 1356.” Presented at the 52nd International Congress on Medieval Studies, Kalamazoo, Michigan, May 11, 2017.

Rogers, Cliff. “The Future of the Profession: The Adjunctification of the Academy and the Fate of Medieval Studies (A Roundtable).” Panelist at the 52nd International Congress on Medieval Studies, Kalamazoo, Michigan, May 11, 2017.

Seidule, Ty (COL). “History at West Point: Teaching Critical Thinking to Future Army Officers.” *American Historical Association Perspectives on History*, January 2017. <https://www.historians.org/publications-and-directories/perspectives-on-history/january-2017/history-at-west-point-teaching-critical-thinking-to-future-army-officers>.

Seidule, Ty (COL). “The Future of the Past: Digital History at West Point.” Presented at the 131st Annual Meeting of the American Historical Association, Denver, Colorado, January 5, 2017.

Seidule, Ty (COL). “The Future of the Past: Digital History at West Point.” Presented at the 84th Annual Meeting of the Society for Military History, Jacksonville, Florida, March 31, 2017.

Seidule, Ty (COL). “The Progress of War.” *Origins: The Journey of Humankind*. National Geographic Channel, April 3, 2017. TV appearance.

Seidule, Ty (COL). “The Road Ahead.” *Origins: The Journey of Humankind*. National Geographic Channel, April 17, 2017. TV appearance.

Seidule, Ty (COL). “Teaching Character through African American History at West Point.” Presented at the Mellon Grant Forum “Beyond Black and Blue: The Future of Civil Military Relations” with Air Force Academy, Colorado Springs, Colorado, April 20, 2017.

Seidule, Ty (COL). “From Slavery to Black Power.” In *Intolerance: Political Animals and Their Prey*, edited by Robert E. Tully and Bruce Chilton. Hamilton Books, 2017.

Watson, Samuel J. “Peacekeepers or Conquerors? U.S. Army Officers and the Invasion of East Florida, 1812–1813.” Presented at the 84th Annual Meeting of the Society for Military History, Jacksonville, Florida, March 31, 2017.

Yoshitani, Gail (COL). “Reagan’s Government and National Security Policy.” Discussant at the Conference on Ronald Reagan and the Transformation of Global Politics in the 1980s, Austin, Texas, January 2017.

Department of Law COL David Wallace, Department Head

Goldstein, Robert J. “Residue of Intolerance: Polluting Civil Rights.” In *Intolerance: Political Animals and Their Prey*, edited by Robert E. Tully and Bruce Chilton. Hamilton Books, 2017.

Wallace, David (COL). “Barbarians at the Gates.” In *Intolerance: Political Animals and Their Prey*, edited by Robert E. Tully and Bruce Chilton. Hamilton Books, 2017.

Department of Mathematical Sciences COL Steven Horton, Department Head

Bacon, John (LTC), and Alex Mitropoulos. “Building an Operational Range Finder (Sonar) from an Arduino Uno Computer.” Presented at the International Conference on Teaching Collegiate Mathematics, Chicago, Illinois, March 2017.

Bromberg, Lisa, and MAJ Michael Seminelli. “The Effectiveness of Web-Based Quizzes in Mathematics Courses.” Presented at the International Conference on Teaching Collegiate Mathematics, Chicago, Illinois, March 2017.

DeGregory, Keith (LTC), MAJ David Dunham, MAJ James Grymes, and MAJ Russell Nelson. “Optimizing the Fulfillment of Military Rotary Wing Air Mission Requests with Uncertainty through Approximate

Dynamic Programming.” Presented at the 85th Annual Military Operations Research Society (MORS) Symposium, West Point, New York, June 2017.

DeGregory, Keith (LTC), LTC Anthony Zupancic, and 2LT Matthew Filbert. “Modeling West Point Admissions as a Markov Decision Process and Approximate Dynamic Program.” Presented at the 85th Annual Military Operations Research Society (MORS) Symposium, West Point, New York, June 2017.

Fisher, Chris (CPT), and MAJ Dave Harness. “Preparing for a Solid Financial Future through Mathematical Modeling.” Presented at the International Conference on Teaching Collegiate Mathematics, Chicago, Illinois, March 2017.

Fletcher, Matthew (CPT). “Real-Time Classroom Assessment and Feedback.” Presented at the International Conference on Teaching Collegiate Mathematics, Chicago, Illinois, March 2017.

Harness, Dave (MAJ), and CPT Chris Fisher. “Incorporating Interdisciplinary Research and Writing in Mathematics Courses.” Presented at the International Conference on Teaching Collegiate Mathematics, Chicago, Illinois, March 2017.

Heymsfield, Steven B., Courtney M. Peterson, **Diana M. Thomas**, Michael Hirezi, Bo Zhang, Steven Smith, George Bray, and Leanne Redman. “Establishing Energy Requirements for Body Weight Maintenance: Validation of an Intake-Balance Method.” *BMC Research Notes* 10 (June 26, 2017): 220. doi:10.1186/s13104-017-2546-4.

Hood, Karoline (MAJ), 2LT Bryce D. Wilkins, Theodore V. Hromadka II, COL Howard D. McInvale, and LTC Randy Boucher. “Development of an Earthen Dam Break Date Base.” *The Professional Geologist* 54, no. 1 (March 2017): 10–11.

Hromadka II, Ted. “Application of Hydrologic Considerations for Landslide Analysis.” Presented at the 36th Annual Real Property Law Section Retreat, Napa, California, April 21, 2017.

Hromadka II, Theodore V., LTC Michelle Isenhour, Prasada Rao, Chung-Cheng Yen, and COL Mason Crow. “Computational Biopsy to Assess Accuracy of Large Scale Computational Groundwater Flow Models.” *International Journal of Engineering Sciences and Management* 7, no. 1 (June 2017): 6–11.

Im, Mee Seong. “Higher Schur-Weyl Duality for Lie Supersubalgebras.” Presented at the 2017 Joint Mathematics Meeting, Atlanta, Georgia, January 2017.

Im, Mee Seong, and 2LT Lisa M. Jones. “On the geometry of filtered representations of quivers and connections to isospectral Hilbert schemes.” Presented at the 2017 Joint Mathematics Meeting, Atlanta, Georgia, January 2017.

Ivy, Samuel J. “Generalizing Parabolic Subsets from Involutorial Automorphisms.” Presented at the 2017 Joint Mathematics Meeting, Atlanta, Georgia, January 2017.

Lindquist, Joseph M. (COL). “Best Practices in Public Perception Polling.” Presented at the 85th Annual Military Operations Research Society (MORS) Symposium, West Point, New York, June 2017.

Lindquist, Joseph M. (COL), Christian Teutsch, and Enrique Torres. “A New Use for an Old Tool: Markov Chains and the Afghanistan Warfighter.” *Military Operations Research* 22 (2): 5–17 (2017).

Mitropoulos, Alex, and LTC John Bacon. “Leveraging a Programmable Arduino Uno Robot in the Teaching of Mathematical Concepts.” Presented at the International Conference on Teaching Collegiate Mathematics, Chicago, Illinois, March 2017.

Mogensen, Matthew (MAJ), and MAJ Michael Seminelli. “Kahoot! A Free Web-Based Student Response System to Assess Student Learning.” Presented at the International Conference on Teaching Collegiate Mathematics, Chicago, Illinois, March 2017.

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Department of Social Sciences COL Suzanne Nielsen, Department Head

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- Kreeger, Steven (MAJ).** “President’s Special Panels.” Discussant at the Southern Political Science Association 2017 Annual Meeting, New Orleans, Louisiana, January 12, 2017.
- Krupski, Kevin (MAJ).** “Who’s the Boss? Defining the Civil-Military Relationship in the 21st Century.” Presented at the Southern Political Science Association 2017 Annual Meeting, New Orleans, Louisiana, January 12, 2017.
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- Sherlock, Thomas.** “Russia Confronts the West.” Presented at the Association for the Study of Nationalities, World Convention, New York, New York, May 4, 2017. Discussant.
- Silverstone, Scott A.** “The Hegemon’s Dilemma.” In *Intolerance: Political Animals and Their Prey*, edited by Robert E. Tully and Bruce Chilton. Hamilton Books, 2017.
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Department of Systems Engineering COL Robert Kewley, Department Head

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Johnson, Brian David, and **MAJ Natalie Vanatta.** “A Widening Attack Plain: Threatcasting Tomorrow’s Threats.” Presented at the ShmooCon, Washington, D.C., January 14, 2017.

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**Combatting Terrorism Center
LTC Bryan Price, Director**

- Gioe, David V.** “Embassy Wars: Espionage and Contested Space.” Discussant at the International Studies Association Annual Conference, Baltimore, Maryland, February 20, 2017.
- Gioe, David V.** “The 1946 UK-USA Agreement: The Mustard Seed of Transatlantic Cyber Operations?” Presented at the International Intelligence History Association: Creating and Challenging the Transatlantic Intelligence Community, Washington, D.C., March 31, 2017.
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- Yon, Rachel.** “Lip Service for Girls: Policy Implementation and the Juvenile Justice System.” Presented at the Midwest Political Science Association 75th Annual Conference, Chicago, Illinois, April 6, 2017.
- Yon, Rachel.** “Race and Public Policy.” Discussant at the Midwest Political Science Association Annual Conference, Chicago, Illinois, April 6, 2017.

**Office of Economic and Manpower Analysis
LTC Carl J. Wojtaszek, Director**

- Carter, Susan Payne, MAJ Kyle Greenberg (D/Social Sciences), and MAJ Michael S. Walker (CAPE).** “The Impact of Computer Usage on Academic Performance: Evidence from a Randomized Trial at the United States Military Academy.” *Economics of Education Review* 56 (February 1, 2017): 118–32. doi:10.1016/j.econedurev.2016.12.005.
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- Mayer, John D., and **LTC William Skimmyhorn.** “Personality Attributes That Predict Cadet Performance at West Point.” *Journal of Research in Personality* 66 (February 1, 2017): 14–26. doi:10.1016/j.jrp.2016.10.012.

USMA Library

Christopher Barth, Librarian and Associate Dean

- Danley, Mark.** “The Soldier and the Civilian in Military History and Theory: 250 Years of Global Influences on Military Thinking, 1740-1990.” Commentator at the 84th Annual Meeting of the Society for Military History, Jacksonville, FL, March 31, 2017.
- Hankins, Darrell, Laura Mosher, Heather Seminelli, and Karen Shea.** “Out of Many Comes One! A First Year Experience.” Poster presented at the Southeastern New York Library Resource Council Annual Meeting, New Paltz, New York, June 2, 2017.
- Seminelli, Heather.** “Library Services to Improve Student Research Practices for Real World Math Applications.” Presented at the International Conference on Teaching Collegiate Mathematics, Chicago, Illinois, March 2017.

**USMA Preparatory School
Melanie Dodge, Academic Dean**

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