



A Celebration of West Point Scholars and Creators

Highlighting the 533 collected
works of scholarship published and presented
between July 1, 2022 - June 30, 2023.



A Celebration of West Point Scholars and Creators

Today we celebrate the 533 works of scholarship produced at the Academy between July 2022 - June 2023.

The presentations will highlight the theme of innovation, technology, and the future of national defense.

- **Katalenich, Scott M., LTC (presenting)**, and Mark Z. Jacobson. “Toward Battery Electric and Hydrogen Fuel Cell Military Vehicles for Land, Air, and Sea.” Energy 254 (September 2022): 124355. <https://doi.org/10.1016/j.energy.2022.124355>.
- **Hedgecock, Kathryn MAJ (presenting)**, and Lauren Sukin. “Responding to Uncertainty: The Importance of Covertiness in Support for Retaliation to Cyber and Kinetic Attacks.” Journal of Conflict Resolution, February 1, 2023, 00220027231153580. <https://doi.org/10.1177/00220027231153580>.
- Segovia, Nathan L. CDT ‘24, Dr. Lee E. Harrell, Dr. David O. Kashinski, **LTC Brian C. Holloway (presenting)**, CDT William Kaiser ‘24, CDT Samantha C. Damonte ‘23, COL Kirk A. Ingold. “4-Level Ladder Electromagnetic Induced Transparency Quantum Antenna.” Presented at the March Meeting of the American Physical Society, 2023, Las Vegas, NV March 2023. <https://meetings.aps.org/Meeting/MAR23/Session/A47.13>.
- **Griffin, Benjamin LTC (presenting)**. Reagan’s War Stories: A Cold War Presidency. Annapolis, MD: Naval Institute Press, 2022. <https://www.usni.org/press/books/reagans-war-stories>.

Table of Contents

Behavioral Sciences and Leadership	4
Chemistry and Life Science	9
Civil and Mechanical Engineering	19
Electrical Engineering and Computer Science	24
English and Philosophy	27
Foreign Languages	29
Geography and Environmental Engineering	32
History	38
Law	42
Mathematical Sciences	46
Physics and Nuclear Engineering	51
Social Sciences	53
Systems Engineering	60
Dean's Staff	63
Military Instruction	65
Physical Education	66
Army Cyber Institute	68
Character Integration Advisory Group	72
Simon Center for Professional Military Ethics	73
SHARP Program Office	74
Keller Army Community Hospital	75

Department of Behavioral Sciences and Leadership

COL Everett Spain, Department Head

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- Boe, Ole (CPT) (R) and **COL Everett Spain**. “Choosing the Elite: Recruiting, Assessing, and Selecting Leaders for Dangerous Contexts.” In *Leadership in Dangerous Situations: A Handbook for the Armed Forces, Emergency Services, and First Responders*, edited by COL(R) Patrick J. Sweeney, **Dr. Michael D. Matthews**, Dr. Paul B. Lester, COL(R) Sean T. Hannah, and **COL Brian Reed**. Second edition, Revised. Annapolis, MD: Naval Institute Press, 2022.
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- Eggers, Kiersten (CDT, '23), CDT Cloe Zendt '23, MAJ Zachary Guyton, and Dr. Ericka Rovira.** “Investigating TrustRepair Strategies with a Multi-Person Team and an Embodied Robot.” Presented at *Human Robotic Interaction Conference, Stockholm, Sweden, 2023*.
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- Erbe, Ryan G. (Dr.) (BS&L/CEP/CIAG).** “Mindfulness in the Military & Department of Homeland.” Presented at the Mindfulness and Meditation Research and Integration at the United States Military Academy, Washington D.C., March 22, 2023. <https://acrobat.adobe.com/link/review?uri=urn%3Aaaid%3Aascds%3AUS%3Ab0aaa949-8610-32d0-aa69-c25af6f7c382>.
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Department of Chemistry and Life Science

COL F. John Burpo, Department Head

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- Chin, Jeffrey A. (MAJ).** “3D Layer-by-Layer Electrostatic Assembly of Graphene-Noble Metal Thin Films for Optoelectronics Applications.” Oral presentation at the 29th ARL-USMA Technical Symposium, Aberdeen Proving Ground, MD, October 28, 2022.
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Department of Civil and Mechanical Engineering

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COL Mark Read, Department Head

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COL Gail Yoshitani, Department Head

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COL James R. Yastrzemsky

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COL Brianna M. Perata, Commander

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Call for Scholarship

The Celebration of West Point Scholars and Creators event honors members of the USMA community who have produced scholarly and creative works that have been accepted for peer-reviewed publication, exhibition, or other forms of public presentation.

Scholarly work may involve basic, applied, or pedagogical research that represents the intellectual work within a discipline. Such work should be peer-reviewed.

Creative work may involve original contributions in the fine, performing, literary, graphic, and digital arts. Such work should be accepted for exhibition or publication in appropriate professional venues.

Acceptable scholarly or creative work can take many forms. When presented, it should result in a product that reflects one's professional and academic expertise. Specifically,

- Work should contain novel knowledge or expression.
- Work should be peer-evaluated for quality.
- Work should be disseminated to the scholarly or artistic community.

Examples of acceptable scholarly work include, but may not be limited to original work in the following forms:

- Journal articles (peer-reviewed)
- White papers
- Books, book chapters
- Reports
- Invited speeches or lectures (if remarks are scholarly in nature)
- Conference proceedings
- Conference presentations, papers, posters
- Scholarly papers
- Maps
- Theses or dissertations

Examples of acceptable creative work include, but may not be limited to original work in the following forms:

- Poetry
- Film
- Literature
- Art
- Video and sound recording
- Photography

Examples of work that generally *does not* qualify for inclusion in the event, though may be eligible for deposit in [Athena](#) include material that:

- Lacks peer-review or is intended for a popular audience.
- Is opinion-based.
- Is a blog post, podcast episode, interview, or other more informal and generally non-sourced work.
- Is self-published.
- Is not substantively written or created by the author.
- Is official government work.
- Is developed solely for presentation at USMA Projects Day.

The period of interest for the next Celebration of West Point Scholars and Creators is July 1, 2023–June 30, 2024. Please submit your work to [Athena](#), or send your work of scholarship with a citation (Chicago Manual of Style 17th edition) to your USMA Library liaison:

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Electrical Engineering and Computer Science	Christopher Haraughty & Travis Schaben
English and Philosophy	Susan Lintelmann & Celeste Evans
Foreign Languages	Sarah Leonard-Hayward
Geography and Environmental Engineering	Daniel Pritchard & Sarah Leonard-Hayward
History - American & International	Elaine McConnell
History - Military	Lisa Gomez
Law	Suzanne Christoff
Mathematical Sciences	Laura Mosher
Physics and Nuclear Engineering	Celeste Evans
Social Sciences	Doug Litts
Systems Engineering	Daniel Pritchard & Lori Mullooly
Military Instruction	Daniel Pritchard
Physical Education	Daniel Pritchard
Army Cyber Institute	Christopher Haraughty
Center for Enhanced Performance, MWC, USMA Prep School	Lori Mullooly
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