

# Benjamin M. Jensen, Ph.D.

## SUMMARY OF QUALIFICATIONS

---

National security professional with 18 years of experience at the intersection of international relations, emerging technologies, and defense policy, including over six years specializing in artificial intelligence and machine learning (AI/ML) applications for national security. Currently Co-Chair of the SPIE Defense and Commercial Sensing Conference, leading the Program on AI/ML for Multi-Domain Operations, and Series Editor for Oxford University Press's *Disruptive Technology and International Security*. A combat veteran with a proven track record of senior-level academic and research contributions to the U.S. Congress, Department of Defense, Department of State, USAID, NATO, and ECOWAS. Expertise includes developing military plans, strategic assessments, alternative futures analysis, war gaming, and red team evaluations. Known for integrating advanced technological insights into actionable defense and security strategies, and adept at fostering interagency and international collaboration. **Active TS//SCI clearance** ensures immediate readiness to contribute to sensitive national security initiatives.

## PROFESSIONAL BACKGROUND

---

### Center for Strategic and International Studies

Washington, DC

#### *Director and Senior Fellow*

*Oct 2021-present*

- Senior Fellow, authored over 20 reports and 30 commentaries on emerging national security issues with a focus on defense policy and the changing character of war.
- Principle Investigator for research collaboration with Scale AI on defense strategy LLMs.
- Creator, *On Future War* series funded by the Carnegie Corporation of New York.
- Founder, Futures Lab, a data-driven research effort combining advanced social science research methods with policy-driven research on alternative futures.

### Marine Corps University

Quantico, VA

#### *Professor of Strategic Studies, School of Advanced Warfighting (SAW)*

*Mar 2012-present*

- Inaugural Frank E. Petersen Chair for Emerging Technology
- Lead for AI/ML educational integration initiatives including building tailored large-language models (LLM) on military history, planning, and strategy as part of TF LIMA (DoD generative AI task force).
- Program Director, Future War Research Program (SAW).
- Course Director, Changing Character of Conflict (SAW).
- Led previous research efforts supporting the Office of Net Assessment, DARPA, Office of Naval Research, Army Futures Command and Marine Corps Warfighting Lab.
- Prior appointments in the Command and Staff College (Assistant, Associate Professor) and as the inaugural Bren Chair in the Brute Krulak Center for Innovation and Future War.
- Founded the Gray Scholars Program in the Command and Staff College.

**Oxford University Press**

***Series Editor, Disruptive Technology and International Security***

**New York, NY**

***Mar 2022-present***

- Creator and co-series editor for specializing in international relations scholars and social scientists assessing how emerging technologies ranging from cyber operations to AI/ML and computational propaganda influence modern politics.

**U.S. Cyberspace Solarium Commission**

***Senior Research Director and Lead Author***

**Washington, DC**

***May 2019-present***

- Worked directly with the Congressional Co-Chairs and Executive Director to develop an overarching strategy (layered cyber deterrence), lead author for the final report.
- Designed and facilitated the solarium event attended by Congressional Representatives, Senators, senior representatives from the Department of Defense, Department of Justice, Department of the Treasury, Department of Commerce, Department of Homeland Security, and Office of the Director of National Intelligence.

**Economic Organization of West African States (ECOWAS)**

***Subject Matter Expert, Early-Warning, Human Security, and Red Teaming***

**Abuja, Nigeria**

***May 2017-2020***

- Supported a Department of State initiative on crisis early-warning and conflict analysis across West Africa; included three training sessions on statistical analysis, forecasting, and scenario-planning with senior officials and authoring a red team manual.
- Supported a USAID initiative working with ECOWAS Early-Warning Directorate; authored the Human Security Analysis Framework and Joint Analysis and Response Planning guide and led three trainings in Nigeria.

**Atlantic Council**

***Senior Fellow***

**Washington, DC**

***Apr 2017-Sep 2021***

- Support the Scowcroft Center for Strategy and Statecraft; co-authored four major reports.
- Designed war games, alternative futures analysis forums, and strategic assessments.

**American University, School of International Service**

***Hurst Professorial Lecturer (Adjunct)***

**Washington, DC**

***Jan 2006-present***

- Designed and taught undergraduate and graduate courses on the causes of war and planning, forecasting, and decision making.
- Former program director Peace, Global Security and Conflict Resolution.
- Former course director, World Politics (undergrad international relations course required by the School of International Service).
- Former appointments as Instructor (while ABD) and Assistant Professor.

**U.S. Army**  
**Reserve Officer**

**Washington, DC**  
**Mar 2002-present**

- Current position supporting the Army Staff on AI/ML projects.
- Stood up a new SIGINT BN “Ghost Battalion” - 285 soldier military intelligence battalion specializing in signals intelligence missions in support of the National Security Agency (NSA).
- Prior leadership experience as a deployed battalion commander (321 E-MI BN, 323 soldiers), Combined Joint Intelligence Operations Center Director and Insurgency Branch Chief, U.S. Army detachment executive officer in a Joint Reserve Intelligence Support Element (EUCOM), company commander (96 soldiers) for an all-source analyst element, and intelligence, surveillance and reconnaissance platoon leader (26 soldiers). Four mobilizations and multiple overseas deployments.
- Helped standup Army Futures Command and the 75<sup>th</sup> Innovation Command.
- Former Fellow, Office of the Chief of Staff of the Army, Strategic Studies Group.
- Military Certifications (MOS): 35A (All-Source Intelligence), 34B (Strategic Intelligence), 7J (Red Team).

**EDUCATION**

**American University**  
**School of International Service**  
*Ph.D. International Relations*  
*M.A. International Studies*

**Washington, DC**  
**May 2010**

**National Intelligence University**  
*M.S. Strategic Intelligence*

**Washington, DC**  
**May 2010**

**University of Wisconsin-Madison**  
*B.A. Interdisciplinary Studies*

**Madison, WI**  
**Dec 1997**

**MAJOR PUBLICATIONS**

*Books*

- *Information at War: Military Innovation, Artificial Intelligence and the Future of Power* (Washington: Georgetown University Press, 2022, co-authored).
- *Complex Terrain: Megacities and the Changing Character of Urban Operations* (Quantico: Marine Corps University Press, co-authored).
- *Cyber Strategy: The Evolving Character of Power and Coercion* (New York: Oxford University Press, 2018, co-authored).
- *Military Strategy in the 21<sup>st</sup> Century: People, Connectivity, and Competition* (New York: Cambria, 2018, co-authored).
- *Forging the Sword: Doctrinal Change in the U.S. Army* (Pal Alto: Stanford University Press, 2016).

*Think Tank Reports (>20)*

- *Competition in the Shadow of Technology* (Washington: Center for Strategic and International Studies, December 16, 2024, co-authored).
- *Cockpit or Command Center? C2 Options for Collaborative Combat Aircraft* (Washington: Center for Strategic and International Studies, October 24, 2024, co-authored).
- *Countering China and Russia: The Hidden Advantages of Women, Peace, and Security* (Washington: Center for Strategic and International Studies, November 14, 2024, co-authored).
- *Energy Security and the U.S.-Philippine Alliance* (Washington: Center for Strategic and International Studies, November 14, 2024, co-authored).
- *Using Artificial Intelligence to Rethink the Unified Command Plan* (Washington: Center for Strategic and International Studies, June 17, 2024, co-authored).
- *Algorithmic Stability: How AI Could Shape the Future of Deterrence* (Washington: Center for Strategic and International Studies, June 10, 2024, co-authored).
- *Victory in Ukraine Starts with Addressing Five Strategic Problems* (Washington: Center for Strategic and International Studies, May 15, 2024, co-authored).
- *Eroding Trust in Government: What Games, Surveys, and Scenarios Reveal about Alternative Cyber Futures* (Washington: Center for Strategic and International Studies, April 8, 2024, co-authored).
- *Pulling Their Weight: The Data on NATO Responsibility Sharing* (Washington: Center for Strategic and International Studies, February 22, 2024, co-authored).
- *CISA's Evolving .Gov Mission: Defending the United States' Federal Executive Agency Networks* (Washington: Center for Strategic and International Studies, October 23, 2023, co-authored).
- *The Waterfall's Shadow in the Mekong Region: Insights on Water Programs and Infrastructure Competition in the Twenty-First Century* (Washington: Center for Strategic and International Studies, September 29, 2023, co-authored).
- *Cyber Operations during the Russo-Ukrainian War From Strange Patterns to Alternative Futures* (Washington: Center for Strategic and International Studies, July 13, 2023, co-authored).
- *Revitalizing Strategic Analysis for a New Era of Competition* (Washington: Center for Strategic and International Studies, May 24, 2023, co-authored).
- *Rethinking Risk in Great Power Competition* (Washington: Center for Strategic and International Studies, February 17, 2023, co-authored).
- *Modernizing Ukraine's Transportation Logistics Infrastructure* (Washington: Center for Strategic and International Studies, October 22, 2022, co-authored).
- *What If . . . Alternatives to a Chinese Military Invasion of Taiwan* (Washington: Center for Strategic and International Studies, October 7, 2022, co-authored).
- *The Coming Storm: Insights from Ukraine about Escalation in Modern War* (Washington: Center for Strategic and International Studies, May 26, 2022, co-authored).

- *Shadow Risk: What Crisis Simulations Reveal about the Dangers of Deferring U.S. Responses to China's Gray Zone Campaign against Taiwan* (Washington: Center for Strategic and International Studies, February 26, 2022, co-authored).
- *Competitive Strategy Insights from Wargames* (Washington: Atlantic Council September 28, 2020, co-authored).
- *What Do We Know About Cyber Escalation? Observations from Simulations and Surveys* (Washington: Atlantic Council November 22, 2019, co-authored).
- *Alternate Cybersecurity Futures* (Washington: Atlantic Council September 28, 2019, co-authored).
- *The Myth of the Cyber Offense: The Case for Restraint* (Washington: CATO Institute January 15, 2019, co-authored).
- *The Character of Warfare 2030-2050: Technological Change, the International System, and the State* (Washington: Atlantic Council, 2018, lead author).
- *Cyber Operations in Conflict: Lessons from Analytical Wargames* (Berkley: Center for Long-Term Cybersecurity, 2018, co-authored).

#### *Government & International Organization Monographs*

- *The Future of Algorithmic Escalation: Alternative Futures and Crisis Simulations Exploring AI/ML, CJADC2, and the Prospects for Integrated Deterrence in the 21<sup>st</sup> Century* (Strategic Trend Research Initiative, Defense Threat Reduction Agency 5 June 2023 CUI, co-authored)
- *The New Stability-Instability Paradox: Proxy War, Nuclear Thresholds, and the Future of Integrated Deterrence* (Strategic Trend Research Initiative, Defense Threat Reduction Agency 23 June 2023 CUI, co-authored)
- *U.S. Cyberspace Solarium Commission Report* (Washington: U.S. Congress, 2020, lead author).
- *ECOWAS Red Team Manual* (Abuja: ECOWAS, 2020, lead author).
- *ECOWAS Response Planning Framework* (Washington: USAID, 2019, lead author).
- *ECOWAS Human Security Analysis Framework* (Washington: USAID, 2018, lead author).
- *The Character of the Future Operational Environment 2030-2050* (Arlington: Office of the Chief of Staff of the Army, lead author).

#### *Book Chapters*

- “Wargaming International and Domestic Crises: Island Intercept and Netwar” in Frank Smith III, Nina Kollars and Benjamin Schecter (eds) *Cyber Wargaming: Research and Education for Security in a Dangerous Digital World* (Washington: Georgetown University Press, 2023, co-authored).
- “Wargaming for Social Science.” *Forging Wargamers*. Sebastian Bae (ed) (Quantico: Marine Corps University Press, 2023, co-authored).
- “De-escalation Pathways and Disruptive Technology: Cyber Operations as Off-Ramps to War” *Cyber Peace: Charting a Path Towards a Sustainable, Stable, and Secure Cyberspace*. Scott Shackelford, Frederick Douzet, and Chris Ankersen (eds) (New York: Cambridge University Press, 2022, co-authored).

- What Do We Know About Cyber War?" in *What Do We Know About War?* Sara Mitchell and John Vasquez (ed) (New York: Rowan and Littlefield, 2021, co-authored).
- "Cyber Conflict at the Intersection of Information Operations: Cyber-Enabled Information Operations 2000-2016." *Information Warfare in the Age of Cyber Conflict*. Whyte, Christopher, A. Trevor Thrall, and Brian M Mazanec (eds) (New York: Routledge, 2020, co-authored).

#### *Journal Articles*

- "How Cyber Operations Reduce Escalation", *Journal of Peace Research* (2024).
- "Expanding the Dyadic Cyber Incident and Dispute (DCID) Dataset: Cyber Conflict." *Cyber Defense Review*. 2022. (co-authored).
- "Building a National Cyber Strategy: The Process and Implications of Developing the Cyberspace Solarium Commission Report." *IEEE Proceedings for CCDCOE CyberCon, 13<sup>th</sup> International Conference on Cyber Conflict*. Pgs. 189-214 (co-authored).
- "Algorithms at War: The Promise, Peril, and Limits of Artificial Intelligence" *International Studies Review* 22(3) September 2020 (co-authored).
- "Fancy Bears and Digital Trolls: Cyber Strategy with a Russian Twist" *Journal of Strategic Studies* 42:2 2019 (co-authored).
- "The Role of Ideas in Defense Planning: Revisiting the Revolution in Military Affairs" *Defence Studies* 18(3), 2018.
- "The Strategist's Dilemma: Global Dynamic Density and the Making of US-China Policy" *European Journal of International Security* 3(2) June 2018 (co-authored).
- "Rethinking the Data Wheel: Automating Open-Access, Public Data on Cyber Conflict." *IEEE Proceedings for CCDCOE CyberCon, 10<sup>th</sup> International Conference on Cyber Conflict* (co-authored).
- "Escaping the Iron Cage: the Institutional Foundations of FM 3-24 Counterinsurgency Doctrine" *Journal of Strategic Studies* 39(2) 2016.

#### *Commentary*

- >30 pieces in *War on the Rocks*
- >30 commentaries published at the Center for Strategic and International Studies
- 4 pieces in *Joint Forces Quarterly, Parameters and Military Review*
- 3 pieces in *The Washington Post*
- 3 pieces in *The Strategy Bridge*
- 10 other pieces in *The New York Times, Financial Times, Daily News, Philadelphia Inquirer, USA Today*

## REFERENCES

---

- Charlie Cleveland, LTG U.S. Army (retired): [c.thomas.clevenad@gmail.com](mailto:c.thomas.clevenad@gmail.com)
- James Goldgeier, Ph.D., American University: [jgoldgei@american.edu](mailto:jgoldgei@american.edu)
- Emily Harding, CSIS: [EHarding@csis.org](mailto:EHarding@csis.org)
- Michael Horowitz, Ph.D. DASD/UPenn: [horom@sas.upenn.edu](mailto:horom@sas.upenn.edu)
- Joe Larson, Anduril Industries: [jlaroniii@gmail.com](mailto:jlaroniii@gmail.com)
- Mark Montgomery, Executive Director Cyberspace Solarium Commission, Rear Admiral, U.S. Navy (retired): [mark@solarium.gov](mailto:mark@solarium.gov)
- Paul Norwood, COL, U.S. Army (retired): [paul.r.norwood@gmail.com](mailto:paul.r.norwood@gmail.com)
- Barry Pavel, RAND Corporation: [bsp632@hotmail.com](mailto:bsp632@hotmail.com)
- Dan Tadross, ScaleAI: [daniel.tadross@scalegov.com](mailto:daniel.tadross@scalegov.com)
- Joseph Young, Ph.D., University of Kentucky: [Joe.Young@uky.edu](mailto:Joe.Young@uky.edu)