

# J Andrés Gannon

✉ [andres.gannon@gmail.com](mailto:andres.gannon@gmail.com) | 🌐 [jandresgannon.com](http://jandresgannon.com) | 🌐 <https://github.com/jandresgannon>

## ACADEMIC POSITIONS

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<b>Vanderbilt University</b> <i>Assistant Professor, Department of Political Science</i> <i>Faculty Affiliate, Data Science Institute</i>	Nashville, TN Fall 2023 –
<b>Council on Foreign Relations</b> <i>Stanton Nuclear Security Fellow</i>	New York, NY 2022 –

## EDUCATION

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<b>University of California, San Diego</b> <i>PhD, Political Science</i>	2021
Thesis: “Use Their Force: Interstate Security Alignments and the Distribution of Military Capabilities” Committee: Erik Gartzke (chair), David Lake, Philip Roeder, Branislav Slantchev, Tai Ming Cheung	
<i>Master of Arts, Political Science (International Relations and American Politics)</i>	2017
<b>University of California, Berkeley</b> <i>Bachelor of Arts, Political Science with concentration in International Relations</i>	2012

## RESEARCH INTERESTS

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International security, technology of war, military strategy and operations, deterrence, political economy of national security, international cooperation and alliances, foreign policy analysis

## CURRENT AFFILIATIONS AND PRIOR POSITIONS

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<b>Laboratory for Research on Conflict and Collective Action (ROCCA)</b> <i>Research Affiliate</i>	2023 –
<b>Eurasia Group Foundation</b> <i>Nonresident Fellow</i>	2023 –
<b>Center for Peace and Security Studies (cPASS)</b> <i>Research Affiliate</i>	2021 –
<b>The Korea Society</b> <i>Kim Koo Fellow</i>	2023
<b>NATO Defense College (NDC)</b> <i>PhD Eisenhower Defence Fellow</i>	2022
<b>Harvard Kennedy School</b> <i>International Security Program Postdoctoral Fellow, Belfer Center for Science and International Affairs</i>	2021 – 2022
<b>Notre Dame University</b> <i>Hans J. Morgenthau Research Fellow, Notre Dame International Security Center</i>	2021 – 2022

## RESEARCH

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### Peer-Reviewed and Edited Volumes

- “Planes, Trains, and Armored Mobiles: Introducing a dataset of the global distribution of military capabilities (rDMC).” *International Studies Quarterly*, (Forthcoming). Data at [www.militarycapabilities.com](http://www.militarycapabilities.com).
- “A Wiki-based Dataset of Military Operations with Novel Strategic Technologies (MONSTR).” with Kerry Chávez. *International Interactions*, 49(4), (2023): 639-668. Data at [www.military-operations.com](http://www.military-operations.com).
- “The Shadow of Deterrence: Why Capable Actors Engage in Contests Short of War.” with Erik A. Gartzke, Jon R. Lindsay, and Peter Schram. *Journal of Conflict Resolution*, 0(0), (2023): 1-39
- “One if by Land, and Two if by Sea: Cross-domain contests and the escalation of international crises.” *International Studies Quarterly*, 66(4), (2022): 1-11
- “Keeping Your Friends Close, But Acquaintances Closer: Why weakly allied states make committed coalition partners.” with Daniel Kent. *Journal of Conflict Resolution* 65(5), (2021): 889–918.
- “Signaling in Foreign Policy.” with Erik A. Gartzke, Shannon Carcelli, and Jiakun Jack Zhang. In *Oxford Research Encyclopedia of Politics*, (2017).

## Under Revision or Review

- “Introducing the ICBe Dataset: Very high recall and precision event extraction from narratives about international crises.” with Rex W. Douglass, Thomas Leo Scherer, Erik Gartzke, Jon Lindsay, Shannon Carcelli, Jonathan Wilkenfeld, et al. ArXiv:2202.07081 [Cs, Stat], February 14, 2022. <http://arxiv.org/abs/2202.07081>. *Revise & Resubmit*. Data at [www.crisisevents.org](http://www.crisisevents.org).
- “Allies as Armaments: Explaining the specialization of state military capabilities.” *Under review*
- “Fighting in the War Room: Electoral origins of high-tech warfighting.” with Kerry Chávez. *Under review*

## Working Papers

- “A Division of Defense Labor Across Nations: A theory of the shared production of military capabilities.”
- “Forging Conventional Shields with Nuclear Swords: How nuclear allies shape conventional armament decisions.”
- “That’ll do, MiG: How NATO explains the reconfiguration of former Soviet Bloc militaries.”
- “The Whole Package: The tailoring of US force structure combinations in modern warfare.” with Kerry Chávez
- “Trample with Care: The complexity-fragility dilemma in military technological competitiveness.” with Paul van Hooft
- “From Bit to Bite: Measuring latent cyber capacity.” with Nadiya Kostyuk and Philipp Lutscher
- “Churning Butter into Guns: Identifying latent military capacity.” with Rex W. Douglass
- “Connecting Conflict Data through Wikimedia.” with Rex W. Douglass, Thomas Leo Scherer, and Erik A. Gartzke

## Other Publications

- Sierra, Gabrielle, J Andrés Gannon, and Rupal N. Mehta. “A New Nuclear Age.” *Why It Matters*. Podcast Audio, May 10, 2023.
- Gannon, J Andrés. “Visualizing 2023: Trends to Watch – China’s Military Dominance in the Asia-Pacific.” *Council on Foreign Relations*, December 9, 2022.
- Gannon, J Andrés. “If Russia Goes Nuclear: Three Scenarios for the Ukraine War” *Council on Foreign Relations*, November 9, 2022.
- Gannon, J Andrés. “Russian Nuclear Threats and Security Challenges.” *Ukraine Decoded with Viktor Kovalenko*. Podcast Audio, October 27, 2022.
- Gannon, J Andrés. “What Can Finland and Sweden Learn from the Baltic States’ Defence Specialization?” Policy Brief No. 15, *NATO Defence College*, September 2022.
- Gannon, J Andrés, Erik A. Gartzke, Jon R. Lindsay, and Peter Schram. “Why Did Russia Escalate Its Gray Zone Conflict in Ukraine?” *Lawfare*, January 16, 2022.
- Delafield, Catherine, Sarah Fishbein, J Andrés Gannon, Erik A. Gartzke, Jon R. Lindsay, Peter Schram, and Estelle Shaya. “Rethinking Deterrence in Gray Zone Conflict.” *E-International Relations (blog)*, January 5, 2022.
- *Review of A New Strategy for Complex Warfare: Combined Effects in East Asia*, by Thomas A. Drohan. 2016 *Parameters*. 46(4)

## GRANTS AND PROFESSIONAL HONORS

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### External

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| • Council on Foreign Relations, Stanton Nuclear Security Fellowship              | 2022 |
| • Charles Koch Foundation, Future of America’s Alliances Fellowship              | 2022 |
| • University of Notre Dame, Hans J. Morgenthau Fellowship                        | 2021 |
| • NATO Defence College, Eisenhower Research Fellowship                           | 2021 |
| • American Political Science Association (APSA) Centennial Center Research Grant | 2020 |
| • Smith Richardson World Politics and Statecraft Fellowship                      | 2020 |
| • National Science Foundation (NSF) Travel Fellowship                            | 2017 |
| • National Debate Coaches Association (NDCA) ‘Rising Star’ Award                 | 2014 |

### Internal

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| • UC San Diego Sanford Lakoff Research Fellowship                              | 2018 – 2020 |
| • UC San Diego Political Science, Faculty/Graduate Student Co-authorship Grant | 2018, 2019  |
| • UC San Diego Graduate Student Association (GSA) Travel Grant                 | 2017        |
| • UC Berkeley Wollenberg Forensics Scholarship                                 | 2008 – 2012 |

## CONFERENCE PRESENTATIONS AND WORKSHOPS

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### Academic Conferences (C)hair, (D)iscussant, (P)anelist, (Po)ster, (R)oundtable

- American Political Science Association (APSA): 2018 (D, P), 2019 (P), 2020 (D, P), 2021 (R, P×2), 2022 (D, P), 2023 (D, P)
- International Studies Association (ISA): 2018 (P, Po), 2019 (P), 2020 (P×2), 2021 (C, P×2), 2022 (C, D×2, P×2), 2023 (D, P)
- ISA International Security Studies Section (ISSS-IS): 2016 (P×2), 2018 (P×2), 2021 (P)
- Peace Science Society (International): 2017 (Po), 2021 (P)
- Notre Dame Emerging Scholars in Grand Strategy: 2021 (P)
- Junior Scholars Symposium, CATO Institute: 2021 (P)
- Politics and Computational Social Science (PaCSS): 2020 (P)
- Online Peace Science Colloquium (OPSC): 2019 (P, D)
- Political Networks: 2017 (Po), 2018 (Po)
- West Coast International Relations of East Asia: 2017 (P)
- International Studies Association (ISA) – West: 2016 (P)

### Professional Presentations and Invited Talks

- “Military Alliances and the Future of NATO” at *Texas A&M University*, College Station, TX, May 2023
- “A Division of Defense Labor Across Nations: A Theory of the Shared Production of Military Capabilities” at the *University of Pennsylvania Browne Center for International Politics*, Philadelphia, PA, April 2023
- “Allies as Armaments: Explaining the Specialization of State Military Capabilities” at the *University of Pittsburgh Political Science-GSPIA Global Politics Seminar*, Pittsburgh, PA, February 2023
- “U.S. Preparedness for Nuclear and Radiological Disasters” with Jerrold T. Bushberg at the *Council on Foreign Relations State and Local Officials Initiative*, [Online Webinar](#), January 2023
- “A Division of Defense Labor Across Nations: A Theory of the Shared Production of Military Capabilities” at the *Emerging Scholars on Emerging Technologies Workshop*, Washington, DC, April 2022
- “A New Metric of Capability Complementarity for NATO Burden-Sharing” at the *NATO Strategic Concept Seminar*, West Point, NY, February 2022
- “A Division of Defense Labor Across Nations: A Theory of the Shared Production of Military Capabilities” at the *Boston University Political Economy of Security Workshop*, Boston, MA, December 2021
- “Forecasting Crisis Dynamics with Machine Coded Data: A Model of Power Projection, Influence and Escalation” at the *Department of Defense Minerva Program Review*, Washington, DC, October 2020
- “Use Their Force: International Security Alignments and the Distribution of Military Capabilities” at the *Boston University Project on the Political Economy of Security*, Boston, MA, February 2019
- “New Thinking on Deterrence” at the *United States Strategic Command Deterrence Symposium*, Omaha, NE, August 2018
- “Cross-Domain Threats and the Escalation of International Crises in East Asia” at the *Center for Security and International Studies (CSIS) Project on Nuclear Issues Summer Conference*, Livermore, CA, June 2017
- “After Deterrence: Explaining Conflict Short of War” at the *10<sup>th</sup> Annual Strategic Multi-Layer Assessment (SMA) Conference*, Joint Base Andrews, MD, April 2017
- “Crisis Escalation and the Changing Character of War” at the *Department of Defense Annual Minerva Meeting and Program Review*, Washington, DC, September 2016

## TEACHING EXPERIENCE

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### Instructor of Record

2023 –

- Graduate: Exploratory Data Analysis
- Undergraduate: Fundamentals of Data Science, Introduction to International Relations

### Teaching Assistant

2015 – 2020

- Undergraduate: Introduction to International Relations; International Relations of the Asia Pacific; Future War: Space, Cyber, UAVs; National Security Strategy; United States Foreign Policy; Weapons of Mass Destruction; Gender, Politics, and Globalization

### Secondary School

2012 – 2015

- Introduction to International Relations, US Government, 20<sup>th</sup> Century History, Introduction to Policy Debate, Intermediate Policy Debate, Honors Advanced Policy Debate, Public Speaking, Advanced Public Speaking

## OTHER PROFESSIONAL TRAINING

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### Research Employment

- UC San Diego, Center for Peace and Security Studies (cPASS) 2015 – 2021
- University of Southern California, Annenberg School of Communication 2012 – 2014, 2015 – 2016
- UC Berkeley, LEAD Center 2014 – 2015

### Professional Development

- Tufts University, *Putting the Tech into Cybersecurity Policy: A Workshop for Social Science and Legal Scholars*, Boston, MA, June 2023
- Bridging the Gap, *International Policy Summer Institute (IPSI)*, Washington, DC, June 2023
- RAND Corporation, *Military Immersion Map Exercise*, Washington, DC, May 2023
- International Relations Theory Colloquium (IRTC), October 2021 – May 2022
- Sunlight Foundation and Transparency International-Russia, *Technology for Integrity US-Russia Exchange Program*, January – May 2020
- Bridging the Gap, *New Era Workshop (NEW)*, Berkeley, CA, February 2019
- Berkeley Institute for Transparency in the Social Sciences (BITSS), *Research Transparency and Reproducibility Training (RT2)*, Los Angeles, CA, September 2018
- *Summer Workshop on Analysis of Military Operations and Strategy (SWAMOS)*, Ithaca, NY, July 2018
- *Political Networks Workshop*, Arlington, VA June 2017, and Columbus, OH June 2018
- Florida International University, *Statistics for Business and Economics* and *Statistics for Behavioral and Social Sciences I*, Fall 2014

## SERVICE

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### External

- Referee: *American Journal of Political Science*, *Conflict Management and Peace Science*, *Global Studies Quarterly*, *International Interactions*, *International Political Science Review*, *International Relations*, *International Studies Quarterly*, *Security Studies*
- Co-founder, Junior Scholars in International Security, etc. ([JSISE](#))
- President of the Board of Directors, Policy Debate at Berkeley
- Co-founder, Bay Area Urban Debate League (BAUDL)

### Internal

- UCSD Academic Integrity Review Board (2017 – 2018)
- UCSD Political Science Graduate Council (2015 – 2018)

## MEMBERSHIPS

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*American Political Science Association, APSA Latino Caucus, European Consortium for Political Research, European Political Science Association, International Studies Association, Midwest Political Science Association, Network of European Peace Scientists, Peace Science Society (International), Society for Political Methodology*

## TECHNICAL SKILLS

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**Languages:** English (native), Spanish (heritage – conversant)

**Computer Skills:** Git, L<sup>A</sup>T<sub>E</sub>X, Linux, Markdown, MS Office Suite, R, Windows

## REFERENCES

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Erik Gartzke  
Professor of Political Science  
University of California, San Diego  
✉ [egartzke@ucsd.edu](mailto:egartzke@ucsd.edu)

David Lake  
Distinguished Professor of Political Science  
University of California, San Diego  
✉ [dlake@ucsd.edu](mailto:dlake@ucsd.edu)

Branislav Slantchev  
Professor of Political Science  
University of California, San Diego  
✉ [bslantchev@ucsd.edu](mailto:bslantchev@ucsd.edu)

Philip Roeder  
Professor of Political Science  
University of California, San Diego  
✉ [proeder@ucsd.edu](mailto:proeder@ucsd.edu)