

Alex Newhouse

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EDUCATION

University of Colorado Boulder, Boulder, CO

Doctor of Philosophy, Political Science, Anticipated Graduation: May 2028

Master of Arts, Political Science, Received May 2025

- Research focus: Investigating the interaction between sociotechnical systems and polarization, radicalization, and political violence.
- Comparative Politics and Political Methodology subfields
- PSCI committee: Andrew Q. Philips (co-chair), Jennifer Fitzgerald (co-chair), Alexandra Siegel
- Other advisor: Brian Keegan (Information Science, CU Boulder)

Georgia Institute of Technology, Atlanta, GA (Remote Student)

Master of Science, Analytics, Graduation: Fall 2021

- Coursework in Python, R, JavaScript, Deep and Machine Learning, and Data Visualization

Middlebury Institute of International Studies (MIIS), Monterey, CA

Master of Arts, Nonproliferation and Terrorism Studies, Graduation: Dec. 2018

- Financial Crimes Management Specialization; Foreign Language of Study: Russian

Middlebury College, Middlebury, VT

Bachelor of Arts, Political Science and English Literature, Russian Minor, Graduation: May 2017

- Graduated Summa cum Laude, departmental honors in English

RESEARCH ASSISTANCESHIPS AND LABS

Fellowships:

Humane Studies Fellowship, Institute for Humane Studies, Oct. 2025 – Present

- Awarded \$3,000 to study polarization and political behavior in large language models.

Senior Non-Resident Fellow, MIIS, Mar. 2025 – Present

Labs:

Graduate Affiliate, Institute for Behavioral Science, 2023 – Present

Lab Member, Colorado Laboratory on Users, Media, and Networks, 2023 – Present

Lab Member, American Politics Research Lab, 2024 - Present

Paid Research Positions:

Graduate Research Assistant, CU Boulder, Summer 2025

- Exploratory quantitative and qualitative analysis for Jennifer Fitzgerald and Jeffrey Nonmacher's work on global perceptions of inequality.

Graduate Research Assistant, CU Boulder, Summer 2025

- Qualitative and quantitative support for Alexandra Siegel's book project on the interactions between online influencers and political regimes

Graduate Research Assistant, CU Boulder, 2024 – Present

- “Mind the Gap!” Policy Dissonance and Financial Markets”, supervised by Andrew Q. Philips and in collaboration with Allyson L. Benton

Graduate Research Assistant, CU Boulder, 2023 – Present

- “Partisan Polarization Shapes Visual Framing of COVID-19 in U.S. Media”, supervised by Andrew Q. Philips and in collaboration with Komal P. Kaur

Graduate Research Assistant, CU Boulder, Summer 2024

- Data analysis and synthesis of original survey data on Australian attitudes around Voice to Parliament referendum, supervised by Carew Boulding

Graduate Research Assistant, MIIS, Fall 2018

- Assisted with launch of the Center on Terrorism, Extremism, and Counterterrorism, and built first project to secure funding from technology industry partner, supervised by Jason Blazakis

Graduate Research Assistant, MIIS, Fall 2018

- UNIDIR-funded project collecting data on global cybersecurity projects, supervised by Elaine Korzak

Graduate Research Assistant, MIIS, Feb. 2018 – Dec. 2018

- Contributed to META Lab research and education projects, supervised by Philip Murphy

Graduate Research Assistant, MIIS and Naval Postgraduate School, Feb. 2018 – Aug. 2018

- Lead data analyst on processing and analysis of Islamic State primary-source documents, supervised by Craig Whiteside

Undergraduate Research Assistant, Middlebury, Aug. 2016 – May 2017

- Data analysis and background research on intervention, civil conflict, and the CNN Effect, supervised by Orion Lewis

Undergraduate Research Assistant, MIIS, Feb. 2016 – May 2016

- Contributed to various research and analysis projects at the James Martin Center for Nonproliferation Studies

TEACHING EXPERIENCE

As Teaching Assistant:

- Quantitative Research Methods, CU Boulder, Spring 2024 and Fall 2025
- Introduction to Western Political Thought, CU Boulder, Spring 2025
- Introduction to Comparative Politics, CU Boulder, Fall 2024
- Introduction to International Relations, CU Boulder, Fall 2023

As Adjunct Professor:

- Digital Extremism, Middlebury Institute of International Studies, Spring 2023 (self-designed)
- Online Extremism, Middlebury College, Jan. 2021 (self-designed)

MENTORSHIP AND SUPERVISION

Oversee team of three CU Boulder undergraduate research assistants during Fall 2025.

Managed a total of 30 Middlebury undergraduate and graduate research assistants between 2019-2023.

Sample projects:

- Partnership with Roblox to detect and mitigate violent and hateful networks of users
- Partnership with Spectrum Labs to develop datasets of online toxicity, white supremacy, and violent behavior in 7 languages
- Long-term research and policy support for a video social media platform’s policy enforcement team

Supervised independent projects for 15 Middlebury undergraduate interns and 4 graduate fellows. Sample projects supervised:

- “Italian Neofascism and the Years of Lead: A Closer Look at the Nuclei Armati Rivoluzionari.”
- “Archeofuturism and Its Parallels to Militant Accelerationism.”
- “The French Far-Right on Telegram: Laundering Extremism Through Support For Political Activism.”
- “Christian Identity's New Role on the Extreme Right.”
- “The AI Revolution and Its Implications on Domestic Counterterrorism.”

GRANTS AND FUNDRAISING

CU Boulder Center to Advance Research in the Social Sciences Grant, Spring 2026 - \$2,200

CU Boulder Political Science Travel Grants, Fall 2025 - \$400; Spring 2026 - \$400

Middlebury Conflict Transformation Grant, FY 2022 - \$50,000, Principal Investigator

DHS Terrorism and Targeted Violence Prevention Grant, FY 2022 - \$700,000, Principal Investigator

DHS Terrorism and Targeted Violence Prevention Grant, FY 2021 – \$630,000, Principal Investigator

EMPLOYMENT

National Humanities Alliance, Washington, D.C. (remote worker)

Research Fellow, Humanities Workforce Program, October 2025-Present

- Oversee computational study of the American humanities workforce using large-scale anonymized LinkedIn data.
- Develop innovative mixed-methods approaches to analyzing free-text data from LinkedIn profiles, such as combining ensembles of local LLMs with conventional natural language processing.
- Drive public communication of findings, including educational efforts around humanities workforce career progression, diversity, and adaptability.

Middlebury Institute of International Studies, Monterey, CA

Senior Research Fellow – Emerging Tech, CTEC, June 2023-August 2024

- Supervised CTEC’s portfolio of projects that engage with the video game industry.
- Led cutting-edge research into the influence of emerging technologies like AI on worldwide extremism and terrorism trends.
- Assisted with CTEC’s relationships with the tech industry.
- Engaged with media, published research, and served as a leading voice at CTEC on various extremism-related issues.
- Coordinated CTEC’s data science projects and analyst resources.

Deputy Director, CTEC, April 2021-May 2023

- Oversaw CTEC’s research, operations, and development.
- Hired and managed a team of full-time, part-time, and student researchers.
- Directly supervised external relationships with technology companies, government agencies, academia, and nonprofits.
- Served as Principal Investigator on several research projects, including two funded by grants from the Department of Homeland Security.
- Built CTEC’s Data Science functions, including overseeing development of innovative tools using AI, machine learning, NLP, and social network analysis.

Data Analyst and Research Lead, CTEC, Jan. 2019-April 2021

- Built and delivered an end-to-end data analysis and visualization platform for understanding trends in hate and violence on social video platforms at scale.
- Led development of glossary of right-wing terminology, slang, and images.
- Raised money to expand CTEC by developing client relationships in the tech industry.

United States House of Representatives, Washington, DC

Investigative Consultant, Select Committee to Investigate the January 6th Attack, Feb. 2022-Oct. 2022

- Designed and executed cross-platform investigations on how online communities contributed to the January 6th attack on the U.S. Capitol.
- Provided expertise in online extremism, including the activities of Oath Keepers, Proud Boys, QAnon, Three Percenters, and neo-fascists, to investigators and Members of Congress.
- Drafted sections of public hearings conducted by Members of Congress in June-July 2022.
- Delivered written material included in the Committee's final report.

Sony Interactive Entertainment, San Mateo, CA

Data Governance Analyst, Jan. 2019-Jan. 2020

- Managed and coordinated PlayStation's data-sharing process.
- Assisted with creation and implementation of privacy policies and standards.
- Operationalized SIE's privacy-by-design goals so that users have safety, security, control, and transparency over their own data.
- Collaborated closely with privacy lawyers to develop a shared language that allows for understanding of and compliance with privacy legislation, like the GDPR and CCPA.

Sony Interactive Entertainment, San Diego, CA

Global Fraud Monitoring Analyst Intern, Summer 2018

- Worked on fraud monitoring and development of fraud prevention rules for PlayStation Network.
- Led project streamlining cooperation between Customer Service and Global Fraud Management.
- Assisted Holiday Season 2018 planning by creating Splunk dashboards, revising runbooks, and laying out on-call procedures

Uber, San Francisco, CA

Crisis Management Intern, Fall 2017

- Worked with the Crisis Management/Business Continuity Team to develop business continuity plans for all divisions within Uber.
- Developed set of metrics using SQL for assessing crisis response and impact, which the Crisis Management Team incorporated into its performance reports and incident database.
- Cooperated with a variety of stakeholders to help develop a global Crisis Management Playbook.
- Assisted Protective Intelligence team with research for a city launch geopolitical risk assessment.

GameSpot – CBS Interactive, San Francisco, CA

Editorial Intern, Summers 2014, 2015, 2016

PEER-REVIEWED PUBLICATIONS

Benton, A., Newhouse, A., and Philips, A. "Mind the Gap! Policy Dissonance and Financial Markets." September 2025 (under review).

Newhouse, A., Kaur, K., and Philips, A. "Partisan Polarization Shapes Visual Framing of COVID-19 in U.S. Media." September 2025 (under review).

Newhouse, A. and Kowert, R. "Extremist Identity Creation Through Performative Infighting on Steam." *Frontiers in Psychology*. August 2025.

Kowert, R., Kilmer, E., and Newhouse, A. "Taking it to the Extreme: Prevalence and Nature of Extremist Sentiment in Games." *Frontiers in Psychology*. August 2024.

Kowert, R., Kilmer, E., and Newhouse, A. "Culturally Justified Hate: Prevalence and Mental Health Impact of Dark Participation in Games." *Proceedings of the 57th Hawaii International Conference on System Sciences*. January 2024.

Newhouse, A. "The Threat is the Network: The Multi-Node Structure of Neo-Fascist Accelerationism." *CTC Sentinel*. June 2021.

BOOK CHAPTERS

Newhouse, A. and Kowert, R. "Recruitment and mobilization in digital gaming spaces." *Handbuch Gaming & Rechtsextremismus* (ed. Linda Schlegel). October 2025.

Kowert, R. and Newhouse, A. "Digital games as cultural assets of influence." *The Sociology of Violent Extremism* (ed. Suraj Lakhani and Amarnath Amarasingam). May 2025.

Newhouse, A. and Kowert, R. "Digital games as vehicles for extremist recruitment and mobilization." *Gaming and Extremism: The Radicalization of Digital Playgrounds* (ed. Linda Schlegel and Rachel Kowert). March 2024.

PRE-PRINTS, WHITE PAPERS, AND ANALYSIS

Kriner, M., Conroy, M., Newhouse, A., and Lewis, J. "Understanding Accelerationist Narratives: The Great Replacement Theory." *Global Network on Extremism and Technology*. May 2022.

Kowert, R., Botelho, A., and Newhouse, A. "Breaking the Building Blocks of Hate: A Case Study of Minecraft Servers." *Anti-Defamation League*. July 2022.

Shadnia, D., Newhouse, A., Kriner, M., and Bradley, A. "Militant Accelerationism Coalitions: A Case-Study in Neo-Fascist Accelerationist Coalition-Building Online." *Center on Terrorism, Extremism, and Counterterrorism*. June 2022.

Newhouse, A. and Gunesch, N. "The Boogaloo Movement Wants to Be Seen as Anti-Racist, But It Has a White Supremacist Fringe." *Center on Terrorism, Extremism, and Counterterrorism*. May 2021.

McGuffie, K. and Newhouse, A. "The Radicalization Risks of GPT-3 and Advanced Neural Language Models." *Arxiv pre-print*. September 2020.

[Author list truncated] "Release Strategies and the Social Impacts of Language Models." *Arxiv pre-print*. August 2019.

Newhouse, A. "From classifieds to crypto: how white supremacist groups have embraced crowdfunding." *Center on Terrorism, Extremism, and Counterterrorism*. 2019.

EDITORIALS

Jackson, D., Conroy, M., and Newhouse, A. "Insiders' View of the January 6th Committee's Social Media Investigation." *Just Security*. January 2023.

Newhouse, A. "Far-right activists on social media telegraphed violence weeks in advance of the attack on the US Capitol." *The Conversation*. January 2021. (35,400 views)

Newhouse, A. "Parler is bringing together mainstream conservatives, anti-Semites and white supremacists as the social media platform attracts millions of Trump supporters." *The Conversation*. November 2020, updated January 2021. (241,000 views)

PUBLIC SPEAKING AND CONFERENCES

"Partisan Polarization Shapes Visual Framing of COVID-19 in U.S. Media." Paper Presentation. *American Political Science Association Annual Meeting*. September 2025.

"'The Happening Is Coming': Apocalyptic Rhetoric on 4chan Following Mass Casualty Attacks." Paper Presentation. *American Political Science Association Annual Meeting*. September 2025.

"Partisan Polarization Shapes Visual Framing of COVID-19 in U.S. Media." Paper Presentation. *Midwest Political Science Association Annual Meeting*. April 2025.

"Elite Influence in an Online Neo-Fascist Forum." Paper Presentation. *Midwest Political Science Association Annual Meeting*. April 2025.

"Media Bias in COVID-19 Coverage." Paper Presentation. *Midwest Political Science Association Annual Meeting*. April 2024.

"Manifesting a Coup: Cross-Website Toxicity and Extremism on the Dot Win Network Prior to January 6, 2021." Poster Session. *New Frontiers in Text as Data*. November 2023.

"Mitigating Harm in Design." *Game Developers Conference*. March 2023.

"Accelerationism Research in Practice." *Terrorism and Social Media Conference*. June 2022.

"The Landscape of Extremist Behavior in Games." *Game Developers Conference*. March 2022.

"The Aesthetics of Acceleration." *Reactionary Digital Politics: Ideologies, Rhetorics, Aesthetics*. June 2021.

MEDIA APPEARANCES

Radio/Podcast: Bloomberg, BBC, NPR's *Morning Edition*, *All Things Considered*, and *On Point*.

Written: The Atlantic, Washington Post, NPR, New York Times, Vice, Axios, Politico, FiveThirtyEight, Wired, ProPublica, Atlanta Journal-Constitution.

Video: Meet the Press Now, Denver7.

SKILLS

Programming languages: R, Python, MATLAB, Stata

LLM interfaces: Ollama, LM Studio, Hugging Face Transformers

Machine learning frameworks: PyTorch, Scikit-Learn, Caret

Social Network Analysis: igraph, statnet

Query languages: SQL, Splunk