



## ALEXANDER H. MONTGOMERY

*curriculum vitae*—January 2017

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### RECENT EMPLOYMENT

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#### **Reed College, Portland, OR**

Associate Professor of Political Science, September 2011–  
Assistant Professor of Political Science, September 2006–August 2011

#### **Office of the Secretary of Defense (Policy), Washington, DC**

Policy Analyst/Technical Advisor to Deputy Assistant Secretary of Defense Rebecca K. C. Hersman, Countering Weapons of Mass Destruction, Global Strategic Affairs, September 2012–August 2013

#### **CISAC, Stanford University**

Visiting Assistant Professor, Center for International Security and Cooperation (CISAC), Stanford University, September 2008–June 2009

### EDUCATION

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#### **Stanford University, Stanford, CA**

PhD in Political Science, January 2006  
MA in Sociology, January 2003

#### **University of California, Berkeley, CA**

MA in Energy and Resources, June 1999

#### **University of Chicago, Chicago, IL**

BA in Physics with Subject and General Honors, June 1996

### ADMINISTRATIVE POSITIONS

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#### **Political Science**

Editorial Board, *Journal of Global Security Studies*, 2015–  
Host, Political Networks Conference, 2015  
Editorial Board, *International Studies Quarterly*, 2014–  
Senior Editor, *International Studies Quarterly*, 2013–2014  
Co-Program Chair, Political Networks Conference, 2013

#### **Reed College**

Chair, Political Science Department, 2014–  
Director, [Public Policy Lecture Series](#), 2011–2012; 2015–2016  
Faculty Advisor, Student Judicial Board and Sexual Misconduct Board, 2011–2012

## FELLOWSHIPS, GRANTS, AWARDS, AND HONORS

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### Nationally Competitive Fellowships

Woodrow Wilson International Center for Scholars Residential Fellowship, 2013–2014

Council on Foreign Relations International Affairs Fellowship in Nuclear Security, 2012–2013

Post–Doctoral Fellowship, CISAC, Stanford University, 2005–6

Pre–Doctoral Fellowship, Managing the Atom Project (MTA) and International Security Program (ISP), Belfer Center for Science and International Affairs (BCSIA), Kennedy School of Government, Harvard University 2003–5

Graduate Research Fellowship, National Science Foundation, 1999–2003

### Internal Competitive Grants

Alta Corbett Grant for Research on Public Policy Issues. “Nascent Networks: Nuclear Weapons Knowledge Transfers at the Beginning of the Atomic Era” (with Sydney Scarlata). Summer 2015

Maure L. Goldschmidt Memorial Research Fellowship, 2013–2014

Competitive Paid Leave Award, 2008–2009; 2013–2014

Bernard Goldhammer Grant for Research on Economics and Natural Resources. “International Environmental Politics: The State of the Subfield” (with Adrienne R. Lane). Summer 2010

Alta Corbett Grant for Research on Public Policy Issues. “Iranian Nuclear Actions: 2003–2007” (with Brian J. Radzinsky). Summer 2007

Alta Corbett Grant for Research on Public Policy Issues. “Misunderestimation: Explaining US Failures to Predict Nuclear Weapons Programs” (with Adam J. Mount). Summer 2006

## PUBLICATIONS

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David Kinsella and Alexander H. Montgomery, “[Arms Supply and Proliferation Networks](#),” *Oxford Handbook of Political Networks*. Oxford University Press, Oxford, UK, forthcoming 2017.

*Presented at POLNET 2015.*

Jennifer Nicoll Victor, Alexander H. Montgomery, and Mark Lubell, “[Oxford Handbook of Political Networks](#),” Oxford University Press, Oxford, UK, forthcoming 2017.

Jennifer Nicoll Victor, Alexander H. Montgomery, and Mark Lubell, “Introduction: The Emergence of the Study of Networks in Politics,” *Oxford Handbook of Political Networks*. Oxford University Press, Oxford, UK, forthcoming 2017.

*Presented at the University of Oslo (Oslo, Norway: November 23, 2016)*

Alexander H. Montgomery, “[Quantum Mechanisms: Expanding the Boundaries of Power, Space, and Time in Global Security Studies](#),” *Journal of Global Security* 1(1), February 2016, 102–106.

Alexander H. Montgomery, “Centrality in Transnational Governance: How Networks of International Institutions shape Power Processes,” chapter 2 in [New Power Politics: Networks, Governance, and Global Security](#), ed. Deborah Avant and Oliver Westerwinter.

Oxford University Press, Oxford, UK, 2016.

*Presented at POLNET 2010; The New Power Politics: Networks, Governance and Global Security workshop (Denver, CO: March 1–2, 2013); APSA 2014; and the Minnesota International Relations Colloquium (Minneapolis, MN: October 20, 2014).*

United States Department of Defense, "[Department of Defense Strategy for Countering Weapons of Mass Destruction](#)," co-author, June 2014.

Alexander H. Montgomery and Adam J. Mount, "[Misestimation: Explaining US Failures to Predict Nuclear Weapons Programs](#)," *Intelligence and National Security* 29(3), Summer 2014, 357-386.

*Presented at APSA 2006 and the Intelligence and Nuclear Proliferation conference (London, UK: June, 2010).*

Charli Carpenter, Sirin Duygulu, Alexander H. Montgomery, and Anna Tomaskovic-Devey, "[Explaining the Advocacy Agenda: Insights From the Human Security Network](#)," *International Organization* 68(2), March 2014, 449-470.

United States Department of Defense, "[U.S./South Korean Tailored Deterrence Strategy for North Korea](#)," contributor, October 2013.

Alexander H. Montgomery, "Stop Helping Me: When Nuclear Assistance Impedes Nuclear Programs," chapter 7 in [The Nuclear Renaissance and International Security](#), ed. Adam Stulberg and Matt Fuhrmann, Stanford University Press, Stanford, CA, 2013. ISBN 9780804784177.

*Presented at the Nuclear Renaissance and International Security Workshop (Center for International Strategy, Technology, and Policy, Sam Nunn School of International Affairs, Georgia Institute of Technology, Atlanta, GA: February, 2010).*

Emilie M. Hafner-Burton and Alexander H. Montgomery, "[War, Trade, and Distrust: Why Trade Agreements Don't Always Keep the Peace](#)," *Conflict Management and Peace Science* 29(3), July 2012, pp. 257–278.

*Presented at ISA 2005.*

Emilie M. Hafner-Burton, Miles Kahler, and Alexander H. Montgomery, "[Network Analysis for International Relations](#)," *International Organization* 63(3), Summer 2009, pp. 559–592.

*Presented at POLNET 2008; APSA 2008; the CISAC Social Science Seminar Series (Stanford, CA: February 26, 2009); the Stanford IR Workshop (Stanford, CA: March 3, 2009); and the Berkeley MIRTH Seminar Series (Berkeley, CA: April 20, 2009).*

Alexander H. Montgomery and Scott D. Sagan, "[The Perils of Predicting Proliferation](#)," *Journal of Conflict Resolution* 53(2), April 2009, pp. 302–328.

Revised and reprinted in "[Causes and Consequences of Nuclear Proliferation](#)," ed. Matthew Kroenig, Erik Gartzke, and Robert Rauchhaus, Routledge, London, UK, 2011. ISBN 9780415598330. *Presented at the Predicting Proliferation Workshop at APSA 2007.*

Emilie M. Hafner-Burton and Alexander H. Montgomery, "Globalization and the Power Politics of International Economic Networks," chapter 2 in [Networked Politics: Agency, Power, and Governance](#), ed. Miles Kahler, Cornell University Press, Ithaca, NY, 2009. ISBN

9780801474767.

*Presented at the University of Toronto workshop "Networked Politics: Agency, Legitimacy, and Power," (Toronto, ON: May 2006) and ISA 2009.*

Emilie M. Hafner-Burton and Alexander H. Montgomery, "[Power Or Plenty: How Do International Trade Institutions Affect Economic Sanctions?](#)" *Journal of Conflict Resolution* 52(2), April 2008, pp. 213–242.

*Presented at the IGOs in Action Workshop at ISA 2006 and ISA 2007.*

Emilie M. Hafner-Burton and Alexander H. Montgomery, "[The Hegemon's Purse: No Economic Peace between Democracies,](#)" *Journal of Peace Research* 45(1), January 2008, pp. 111–120.

Alexander H. Montgomery, "[Proliferation Networks in Theory and Practice,](#)" *Strategic Insights* 5(6), July 2006.

Reprinted in [Globalization and WMD Proliferation: Terrorism, Transnational Networks, and International Security](#), ed. James A. Russell and James J. Wirtz, Routledge, London, UK, 2008. ISBN 9780415433945. *Presented at the Naval Postgraduate School conference "Globalization and WMD Proliferation Networks: Challenges to U.S. Security," (Monterey, CA: June 2005)*

Emilie M. Hafner-Burton and Alexander H. Montgomery, "[Power Positions: International Organizations, Social Networks, and Conflict,](#)" *Journal of Conflict Resolution* 50(1), February 2006, pp. 3–27.

*Presented as "Are States Like Children? International Organizations, Social Networks, and Conflict," at ISA 2004.*

Alexander H. Montgomery, "[Ring in Proliferation: How to Dismantle an Atomic Bomb Network,](#)" *International Security* 30(2), Fall 2005, pp. 153–187.

Reprinted in [Going Nuclear: Nuclear Proliferation and International Security in the 21st Century](#), ed. MIT Press, Cambridge, MA, 2010. ISBN 9780262524667. *Presented at the CISAC Social Science Seminar Series as "Proliferation Determinism or Pragmatism? How to Dismantle an Atomic Bomb Network," (Stanford, CA: February 24, 2005) and at MPSA 2005.*

#### *Book Reviews*

Alexander H. Montgomery, "[Barriers to Bioweapons: The Challenges of Expertise and Weapons Development,](#)" by Sonia Ben Ouagrham-Gormley, *H-Diplo/ISSF Roundtable*, 11(3), October 3, 2016.

Alexander H. Montgomery, "[Nuclear Strategy in the Modern Era: Regional Powers and International Conflict,](#)" by Vipin Narang, *H-Diplo/ISSF Roundtable*, 7(17), June 1, 2015.

Alexander H. Montgomery, "[Being Nuclear: Africans and the Global Uranium Trade,](#)" by Gabrielle Hecht, *African Studies Review* 55(3), December 2012, pp.191–193

Alexander H. Montgomery, "[Exporting the Bomb: Technology Transfer and the Spread of Nuclear Weapons,](#)" by Matthew Kroenig, *Political Science Quarterly* 126(1), Spring 2011, pp. 147–148

*Op-Eds and Blog Posts*

Alexander H. Montgomery, "[Iranian Scientists and the nuclear deal](#)," *Monkey Cage*, Washington Post, April 6, 2015

Reprinted in [Iran and the Nuclear Deal](#), POMEPS Studies 13, April 29, 2015.

*Work in Progress*

Tristan A. Volpe and Alexander H. Montgomery, "Hiding in Plain Sight? The Effect of Additive Manufacturing on Strategic Surprise"

*Presented at ISA 2017.*

Alla G. Khadka, Ryan E. Franzer, Johanna E. Steenrod, and Alexander H. Montgomery, "Who Supplies Nuclear Capabilities to Iran?"

*Presented at ISA 2014, 2015.*

Alexander H. Montgomery, "Atomic Myths: Knowledge Transfer, Nuclear Weapons, and Counterproliferation Policy," book project, proposal available.

*Presented at the Knowledge Transfer, WMD Proliferation, and Policy Implications Workshop (Washington, DC: May 7, 2014).*

Alexander H. Montgomery, "You're Doing It Wrong: Competence as a Barrier to Nuclear Weapons Acquisition."

*Presented at the Policy Implications of New Social Scientific Research on Nuclear Proliferation Workshop (Washington DC: December 15–16, 2011) and ISA 2012.*

Alexander H. Montgomery, "Relationally Challenged: Put the Social back into Network Analysis," part of the *Relational Turn in the Study of World Politics* project (Daniel H. Nexon, Georgetown; Patrick Thaddeus Jackson, American)

*Presented at ISA 2008; ISA 2009; the Dartmouth Interdisciplinary Network Research Group (Hanover, NH: May 9, 2014) and POLNET 2014.*

Patrick Thaddeus Jackson, Alexander H. Montgomery, Paul Musgrave, Daniel H. Nexon, Efe Sevin, "From 'Paradigm Wars' to 'Discursive Communities,'" part of the *Beyond Debate? Consensus, Progress, and Change in the Study of International Relations* project (Sue Peterson; Michael Tierney; Daniel Maliniak; Ryan Powers, William and Mary)

*Presented at the 2013 TRIP Data Workshop at the College of William and Mary.*

**CONFERENCE PARTICIPATION**

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ISA: International Studies Association Annual Conference: 2002, New Orleans; 2003, Portland; 2004, Montreal; 2005, Honolulu; 2006, San Diego; 2007, Chicago; 2008, San Francisco; 2009, New York; 2010, New Orleans; 2011, Montreal; 2011, Providence (ISA-Northeast); 2012, San Diego; 2013, San Francisco; 2014, Toronto; 2015, New Orleans; 2016, Atlanta.

MWPSA: Midwest Political Science Association Annual Conference: 2004–6, 2009, 2012

APSA: American Political Science Association Annual Conference: 2004, Chicago; 2006, Philadelphia; 2008, Boston; 2010, Washington DC; 2013, Chicago; 2014, Washington DC; 2015, San Francisco.

[POLNET: Political Networks](#) Annual Conference: 2008, Harvard University; 2010, Duke University; 2011, University of Michigan; 2012, University of Colorado; 2013, Indiana University; 2014, McGill University; 2015, Reed College / Portland State University; 2016, Washington University in St. Louis.

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#### RECENT INVITED TALKS

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- “North Korea’s Nuclear Arsenal,” World Affairs Council of Washington (Seattle, WA: December 12, 2016)
- “The Emergence of the Study of Networks in Politics,” University of Oslo (Oslo, Norway: November 23, 2016)
- “Nuclear Latency: Beyond Technical Measures,” Workshop on Nuclear Latency, Nonproliferation, and Disarmament, Woodrow Wilson International Center for Scholars (Washington, DC: October 2, 2014)
- “Relationally Challenged: Put the Social back into Network Analysis,” Dartmouth College Interdisciplinary Network Research Group (Hanover, NH: May 9, 2014)
- “Atomic Misconceptions: Why Common Assumptions about Nuclear Weapons are not only Wrong, but Dangerous,” Knowledge Transfer, WMD Proliferation, and Policy Implications Workshop, Woodrow Wilson International Center for Scholars (Washington, DC: May 7, 2014)
- “The Perils of Predicting (Non?) Proliferation,” IGCC Public Policy & Nuclear Threats 2013 Summer Training Workshop (La Jolla, CA: August 14, 2013)
- “The Perils of Predicting Proliferation,” IGCC Public Policy & Nuclear Threats 2012 Summer Training Workshop (La Jolla, CA: August 20, 2012)
- “Network Analysis: What it is, What it isn’t, and How you do it,” presentation at the Seventh Annual ISA-Northeast Graduate Student Workshop on Interpretive and Relational Research Methodologies (Providence, RI: November 5, 2011)
- “Causes of Nuclear Proliferation,” IGCC Public Policy & Nuclear Threats 2011 Summer Training Workshop (La Jolla, CA: August 15, 2011)
- “Sanctions and Nonproliferation,” Great Decisions Series, World Affairs Council of Oregon, Portland State (Portland, OR: January 20, 2011)

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#### ADDITIONAL TRAINING

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- POLNET: Political Networks Annual Workshops (2008–2015)
- Summer Institute on Conducting Archival Research (George Washington University Cold War Group, Washington, DC: June 2003)
- Qualitative Methods Institute, Consortium for Qualitative Research Methodology (Phoenix, AZ: January 2002)
- Summer Workshop on Analysis of Military Operations and Strategy (Columbia University Institute of War and Peace Studies: July 2000)



## TEACHING EXPERIENCE

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### Reed College

POL 240, International Relations (Fall 2006–2007, 2009–2010, Spring 2012, Fall 2014–2016)  
POL 301, Methods: Approaches to IR (Spring 2017)  
POL 302, Junior Seminar (Spring 2015–2017)  
POL 358, Strategy, War, and Politics (Spring 2007, 2008, 2010, 2011, 2016)  
POL 359, Weapons, Technology, and War (Spring 2008, 2010, Fall 2011, Spring 2015)  
POL 372, International Environmental Politics (Spring 2011, Fall 2011, Spring 2017)  
POL 373, Global Ecological Politics (Spring 2007)  
POL 422, Nuclear Politics (Fall 2007, 2009, 2010, Spring 2012, Fall 2014, Fall 2016)  
POL 444, Global Risk Politics (Fall 2015)

### Political Science Department, Stanford University

Visiting Assistant Professor, Politics of Nuclear Proliferation (Winter 2009)  
Acting Instructor, Victory and Defeat: How States Win Wars (Summer 2003)  
Mentor TA, Strategy, War, and Politics (Spring 2001)  
Mentor TA, International Security in a Changing World (Winter 2001)  
Teaching Assistant for International Politics (Fall 2000)

### CISAC, Stanford University

Head TA, CISAC Interschool Honors Program in International Security Studies (Fall 2002–Spring 2003)  
Head TA/Lecturer, Summer Institute on Contemporary Issues in International Security (Summer 2002)

### Physics Department, University of California, Berkeley

Head Graduate Student Instructor for Conceptual Foundations of Physics (Fall 1997–Spring 1998)

## PHYSICS PUBLICATIONS

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- “Implementation and cosmic ray test results of the Level 1 charged particle trigger for the BaBar detector,” A. Berenyi et al. IEEE NSS Proceedings for the 1999 Santa Fe meeting
- “Culture, Credibility, and Confidence: Factors of Success in US–Russian Lab–to–Lab Interactions,” Los Alamos Unclassified Report LA–UR–98–5258 (August 1998)
- “Design and Implementation for the Level 1 Charged Particle Trigger of the BaBar Detector,” “A Real–Time Transverse Momentum Discriminator for the BaBar Level 1 Trigger System,” “A Binary Link Tracker Module for the BaBar Level 1 Drift Chamber Trigger,” “Continuously Live Image Processor for Drift Chamber Track Segment Finding,” all A. Berenyi et al. IEEE NSS Proceedings for the 1998 Toronto meeting
- “Concept and Design for the Level 1 Charged Particle Trigger of the BaBar Detector,” J. F. Kral et al., CHEP Proceedings for the 1998 FNAL meeting
- “Level 1 Trigger Efficiency, Rate and Event Time Jitter Simulation Results,” S.K. Gehrig, J.F. Kral, A.H. Montgomery (LBNL, Berkeley) SLAC–BABAR–NOTE–338 (December 1996)
- “Measuring Event Time to an RMS of 10 ns with Drift Chamber Trigger Segments,” S.K. Gehrig, R.C. Jared, J.F. Kral, M.E. Levi, A.H. Montgomery (LBNL, Berkeley) SLAC–BABAR–NOTE–319 (August 1996)

## SERVICE

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### Reed College Faculty Committees

Web Policy (2007–8, 2010–11); Computing Policy (2011–12)  
International and Comparative Policy Studies (2009–12, 2014–, chair 2010–2012, 2015–)  
Environmental Studies (2006–8, 2009–11, 2015–2016)  
Fellowships and Awards (2006–8, 2009–11, 2014–)  
Undergraduate Research (2017–)

### Faculty Search Committees

Department of Political Science, Reed College (2006–08, 2009–12, chair of tenure-track  
Environmental Politics 2010–11, chair of tenure-track Comparative Politics 2011–12)  
Department of Economics, Reed College (2009–10)  
Department of Psychology, Reed College (2007–08)  
Department of Political Science, Stanford University (2002–03)

### Programming

Contributor, [sna: Tools for Social Network Analysis](#)

### Reviewer

Review of International Studies, Sociological Forum, Conflict Management and Peace  
Science (2016–)  
Intelligence and National Security, Journal of Global Security Studies (2015–)  
Political Science Research Methods, International Journal of Comparative Sociology,  
International Studies Review (2014–)  
International Organization, Comparative Political Studies, African Studies Review (2012–)  
Social Networks, Contemporary Security Policy, Climatic Change, Cambridge University  
Press (2011–)  
International Political Science Review, Political Science Quarterly, Millennium, Politics &  
Policy, National Science Foundation (2010–)  
Chinese Journal of International Politics, International Interactions, Political Analysis,  
Foreign Policy Analysis, Review of International Organizations, Journal of International  
Relations and Development, Journal of Conflict Resolution, Routledge (2009–)  
International Theory, Journal of Politics, International Studies Association Compendium,  
International Studies Quarterly (2008–)  
International Political Sociology, Rowman & Littlefield (2007–)  
Security Studies, Journal of Peace Research (2006–)  
American Political Science Review (2005–)  
International Security (2004–)



## REFERENCES

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### **Scott D. Sagan**

Caroline S.G. Munro Professor of Political Science, Stanford University; Senior Fellow, Stanford's Freeman Spogli Institute for International Studies  
Center for International Security and Cooperation  
Stanford University  
Encina Hall E217  
Stanford CA 94305-6165  
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### **Deborah Avant**

Sié Chéou-Kang Chair and Director, Sié Chéou-Kang Center for International Security and Diplomacy  
Josef Korbel School of International Studies  
University of Denver  
2201 South Gaylord Street  
Denver CO 80208  
[deborah.avant@du.edu](mailto:deborah.avant@du.edu)  
+1.303.871.2332

### **Daniel H. Nexon**

Associate Professor of Government  
652 Intercultural Center  
Georgetown University  
Washington DC 20057  
[dhn2@georgetown.edu](mailto:dhn2@georgetown.edu)  
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### **Paul Gronke**

Professor of Political Science  
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Portland OR 97202  
[gronke@reed.edu](mailto:gronke@reed.edu)  
+1.503.517.7393

### **Emilie M. Hafner-Burton**

John D. and Catherine T. MacArthur Professor of International Justice and Human Rights; Co-director, Laboratory on International Law and Regulation  
School of International Relations and Pacific Studies  
University of California, San Diego  
9500 Gilman Dr. #0519  
La Jolla CA 92093-0519  
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+1.858.822.3579

### **Rebecca K. C. Hersman**

Director, Project on Nuclear Issues; Senior Adviser, International Security Program  
Center for Strategic and International Studies  
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Washington DC 20036  
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### **Charli Carpenter**

Professor of Political Science  
University of Massachusetts-Amherst  
Thompson Tower, 200 Hicks Way  
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### **Darius Rejali**

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