



ALEXANDER H. MONTGOMERY

Curriculum Vitae—October 2009

Assistant Professor, Political Science	work (503) 517-7395
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EDUCATION AND EMPLOYMENT

Reed College, Portland, OR

Assistant Professor of Political Science, September 2006–present

Stanford University, Stanford, CA

PhD in Political Science, January 2006

Major Fields: International Relations, Political Organizations

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

FELLOWSHIPS, GRANTS, AND HONORS

Visiting Assistant Professor, Center for International Security and Cooperation, Stanford University, 2008–9.

Paid Leave Award, Reed College, 2008–9.

Faculty Summer Scholarship Fund, Reed College, Summer 2007, 2008, 2009.

Corbett-Goldhammer Summer Collaborative Research Grant. “Iranian Nuclear Actions: 2003–2007” (with Brian J. Radzinsky). Reed College, Summer 2007.

Corbett-Goldhammer Summer Collaborative Research Grant. “Misunderestimation: Explaining US Failures to Predict Nuclear Weapons Programs” (with Adam J. Mount). Reed College, Summer 2006.

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 2003–4, renewed 2004–5.

MacArthur Affiliate, Center for International Security and Cooperation (CISAC), Stanford University 2000–3.

Graduate Research Fellowship, National Science Foundation 1999–2003.

PUBLICATIONS

Emilie M. Hafner-Burton, Miles Kahler, and Alexander H. Montgomery, “Network Analysis for International Relations,” *International Organization*, 63(3), Summer 2009. [doi:10.1017/S0020818309090195](https://doi.org/10.1017/S0020818309090195)

Alexander H. Montgomery and Scott D. Sagan, “The Perils of Predicting Proliferation,” *Journal of Conflict Resolution*, 53(2), April 2009, pp. 302-328. [doi:10.1177/0022002708330581](https://doi.org/10.1177/0022002708330581)

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.

Alexander H. Montgomery, “Proliferation Networks in Theory and Practice,” chapter 3 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.

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. [doi:10.1177/0022002707313689](https://doi.org/10.1177/0022002707313689)

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. [doi:10.1177/0022343307084926](https://doi.org/10.1177/0022343307084926)

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. [doi:10.1177/0022002705281669](https://doi.org/10.1177/0022002705281669)

Alexander H. Montgomery, “Ringing in Proliferation: How to Dismantle an Atomic Bomb Network,” *International Security*, 30(2), Fall 2005, pp. 153–187. [doi:10.1162/016228805775124543](https://doi.org/10.1162/016228805775124543)

ONGOING PROJECTS

Alexander H. Montgomery, “Stop Helping: Why nuclear assistance is less effective at promoting proliferation than we think it is.”

Emilie M. Hafner–Burton and Alexander H. Montgomery, “Centrality in International Relations: How Networks Confer Power.”

Alexander H. Montgomery and Adam J. Mount, “Misunderestimation: Explaining US Failures to Predict Nuclear Weapons Programs.”

Emilie M. Hafner–Burton and Alexander H. Montgomery, “The New Power Politics of International Organizations: Social Structural Inequality in the International System.”

SPEAKING ENGAGEMENTS

Invited Talks

“Network Analysis for International Relations,” (with Emilie M. Hafner–Burton and Miles Kahler) paper presented at 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)

“Ticking Time Bomb or Fizzle? Exploding Five Myths about the North Korean Nuclear Crisis,” paper presented at the PISP Workshop (November 28, 2006)

“Ten myths about the North Korean nuclear crisis,” (Workshop, Reed College, October 12, 2006)

“A Tale of Two Crises: The Past, Present, and Possible Future of US–DPRK Nuclear Dynamics,” paper presented at the CISAC Social Science Seminar Series (Stanford, CA: October 13, 2005)

“Proliferation Determinism or Pragmatism? How to Dismantle an Atomic Bomb Network,” paper presented at the CISAC Social Science Seminar Series (Stanford, CA: February 24, 2005)

“A Tale of Two Crises: The Dynamics of North Korean Nuclear Negotiation,” paper presented at the BCSIA MTA Seminar Series (June 8, 2004)

“The Inevitability of Revisionism? North Korean Responses to US Socialization Attempts,” paper presented at the BCSIA ISP Fellows Seminar (February 19, 2004)

“Socializing States: The 'Rogification' of States through US Foreign Policy,” paper presented at the CISAC Social Science Seminar Series (Stanford, CA: March 13, 2003) and the BCSIA MTA Seminar Series (November 5, 2003)

“Beliefs, Knowledge, and Confidence in Nuclear Weapons Science without Nuclear Testing,” talk given at workshop “Computation, Visualization, and Changing Professional Identities,” MIT Initiative on Technology and Self (MIT, September 18, 2003)

“What is network analysis and how can it help us understand international conflict and cooperation?” (with Dan Nexon and Erik Voeten), paper presented at the CISAC Social Science Seminar Series (Stanford, CA: February 7, 2002)

“Rethinking Social Inquiry: Beyond the Qualitative–Quantitative Divide?” (with Emilie M. Hafner–Burton) paper presented at the CISAC Social Science Seminar Series (Stanford, CA: January 31, 2002)

“Reconstructing Reliability: Confidence in Nuclear Weapons under Science Based Stockpile Stewardship,” paper presented at CISAC Social Science Seminar Series (Stanford, CA: October 7, 1999); the Center for Nuclear and Toxic Waste Management (Berkeley, CA: October 14, 1999); and Lockheed Martin Research & Development Labs (Palo Alto, CA: April 6, 2000)

Conference Presentations

- “Globalization and the Social Power Politics of International Economic Networks,” (with Emilie M. Hafner–Burton), paper presented at the 50th annual convention of the International Studies Association (New York, NY: February 2009)
- “Quantitative Social Network Analysis and Relationalism: Pathologies and Potentials,” paper presented at the 50th annual convention of the International Studies Association (New York, NY: February 2009)
- “Network Analysis for International Relations,” (with Emilie M. Hafner–Burton and Miles Kahler) paper presented at the Harvard Networks in Political Science Conference (Cambridge, MA: June 2008) and the 104th Annual Meeting of the American Political Science Association (Boston, MA: August 2008)
- Discussant, “Relationalism in the Study of International Relations,” roundtable at the 49th annual convention of the International Studies Association (San Francisco, CA: March 2008)
- “Power Or Plenty: How do International Trade Institutions Affect Economic Sanctions?” (with Emilie Hafner–Burton) paper presented at the 48th annual convention of the International Studies Association (Chicago, IL: February 2007)
- “The New Power Politics of International Organizations: Social Structural Inequality in the International System,” (with Emilie Hafner–Burton) paper presented at the 102nd annual meeting of the American Political Science Association (Philadelphia, PA: September 2006)
- “Misunderestimation: Explaining US Failures to Predict Nuclear Weapons Programs,” (with Adam J. Mount) paper presented at the 102nd annual meeting of the American Political Science Association (Philadelphia, PA: September 2006)
- “Structural Inequality in the International System: The Growth of International Organization Networks,” paper presented at the University of Toronto workshop “Networked Politics: Agency, Legitimacy, and Power,” (Toronto, ON: May 2006)
- “Prestige or Isolation? Towards A Network Analysis of Nuclear Proliferation,” paper presented at the 64th annual national conference of the Midwest Political Science Association (Chicago, IL: April 2006)
- “Power Or Plenty: Do International Trade Institutions Affect Economic Sanctions?” (with Emilie Hafner–Burton) paper presented at the 47th annual convention of the International Studies Association (San Diego, CA: March 2006)
- “Proliferation Networks in Theory and Practice,” paper presented at the Naval Postgraduate School conference “Globalization and WMD Proliferation Networks: Challenges to U.S. Security,” (Monterey, CA: June 2005)
- “Proliferation Determinism or Pragmatism? How to Dismantle an Atomic Bomb Network,” paper presented at the Midwest Political Science Association Annual National Conference (Chicago, IL: April 2005)
- “War, Trade, and Envy: Why Trade Agreements Don’t Always Keep the Peace,” (with Emilie Hafner–Burton) paper presented at the International Studies Association Annual Convention (Honolulu, HI: March 2005)
- “A Tale of Two Crises: US–DPRK Nuclear Dynamics,” paper presented at the American Political Science Association Annual Meeting (Chicago, IL: September 2004)
- Discussant, “Differentiating IGOs: Theoretical Considerations, Empirical Implications,” roundtable at the Midwest Political Science Association Annual National Conference (Chicago, IL: April 2004)
- “Are States Like Children? International Organizations, Social Networks, and Conflict,” paper (with Emilie Hafner–Burton) presented at the International Studies Association Annual Convention (Montreal, Quebec: March 2004)
- “Power, Influence, and Prestige: International Governmental Organizations as Social Networks,” paper (with Emilie Hafner–Burton) presented at the International Studies Association Annual Convention (Portland, OR: March 2003)
- “Socializing States: Groups in the International System, 1970–1999,” paper presented at the Graduate Student section of the MacArthur Consortium Workshop “Who Governs in Global Governance?” (Madison, WI: April 2002)
- “Cooperation Under Fire: Institutional and Cultural Dynamics during War,” paper presented at the International Studies Association Convention (New Orleans, LA: March 2002)

WORKSHOPS

- Predicting Proliferation (103rd Annual Meeting of the American Political Science Association, Chicago, IL: September, 2007)
- Networked Politics: Agency, Legitimacy, and Power (The Munk Centre for International Studies, University of Toronto, Toronto, ON: May 11–13, 2006)
- Changing Face of Proliferation Workshop (CSIS–Harvard University–MIT, Cambridge, MA: May 2005)
- Managing the Atom/Korea Society, “The Nuclear Issue on the Korean Peninsula: A Congressional Dialogue” (Cambridge, MA: October 15, 2004)
- New Approaches to Cooperative Security Workshop (University of Maryland Advanced Methods of Cooperative Security Program, Queenstown, MD: June 2004)
- Managing the Atom/Korea Society, “The Nuclear Issue on the Korean Peninsula: Prospects and Possibilities” (Cambridge, MA: December 19, 2003)
- Summer Institute on Conducting Archival Research (George Washington University Cold War Group, Washington, DC: June 2003)
- New Approaches to Cooperative Security Workshop (University of Maryland Advanced Methods of Cooperative Security Program, Queenstown, MD: June 2003)
- Qualitative Methods Institute, Consortium for Qualitative Research Methodology (Phoenix, AZ: January 2002)
- CISAC workshop “Preventing Nuclear War in South Asia,” (Bangkok, Thailand: August 2001)
- MacArthur Consortium Summer Institute: “A New Human Rights Agenda? New Dimensions in Human Rights Advocacy.” (Madison, WI: June 2001)
- MacArthur Consortium Workshop: “Gender, the Military, and War: Scholarship and Policy Implications.” (Stanford, CA: April 2001)
- Summer Workshop on Analysis of Military Operations and Strategy (Columbia University Institute of War and Peace Studies: July 2000)
- MacArthur Consortium Workshop: “New Approaches to Security: Organizational Theory and International History.” (Stanford, CA: March 2000)

TEACHING EXPERIENCE

Reed College

- POL 240, Introduction to International Politics (Fall 2006, 2007, 2009)
- POL 358, Strategy, War, and Politics (Spring 2007, 2008, 2010)
- POL 359, Weapons, Technology, and War (Spring 2008, 2010)
- POL 373, Global Ecological Politics (Spring 2007)
- POL 422, Nuclear Politics (Fall 2007, 2009)

CISAC, Stanford University

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

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 (Autumn 2000)

Physics Department, University of California, Berkeley

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

RESEARCH EXPERIENCE

CISAC, Stanford University

Graduate Research Assistant for Professor Scott Sagan, Ambassador George Bunn, and Dr. Lynn Eden (Summer 1999–Summer 2003)

Center for Nuclear and Toxic Waste Management, University of California, Berkeley

Graduate Research Assistant for Professors Gene Rochlin and Per Peterson for writing Master's Thesis (Autumn 1998–Spring 1999)

Center for International Security Affairs, Los Alamos National Laboratory

Graduate Research Assistant for Dr. Steve Gitomer (Summer 1998)

Lawrence Berkeley National Laboratory

Summer Student (Summer 1998), then Research Associate (Autumn 1996–Spring 1998) in the Physics Division working under Dr. J. Frederic Kral.

LAB PUBLICATIONS

“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

Committees

International and Comparative Policy Studies, (2009–10)

Environmental Studies, (2006–8, 2009–10)

Fellowships and Awards, Reed College (2006–8, 2009–10)

Web Policy, Reed College (2007–8)

Programming

sna: Tools for Social Network Analysis <http://erzuli.ss.uci.edu/R.stuff>

JabRef: A graphical front end to manage BibTeX databases <http://sourceforge.net/projects/jabref/>

Reviewer

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–)

Faculty Search Committees

Department of Economics, Reed College (2009–10)

Department of Political Science, Reed College (2006–2007, 2007–2008, 2009–10)

Department of Psychology, Reed College (2007–2008)

Department of Political Science, Stanford University (2002–2003)

Graduate Student Field Convener

Political Organizations, Department of Political Science, Stanford University (1999–2003)