

Bryan McDonald
Pennsylvania State University
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ACADEMIC POSITIONS

Sherwin Early Career Professor in the Rock Ethics Institute, Pennsylvania State University, 2016-present

Associate Professor, Department of History, Pennsylvania State University, 2017-present

Assistant Professor, Department of History, Pennsylvania State University, 2012-2017

Assistant Professor, Science, Technology and Society Program, Pennsylvania State University, 2010-2012

EDUCATION

University of California, Irvine, Ph.D. in Social Ecology, 2008

Virginia Tech, M.A. in Political Science, 1999

Virginia Tech, B.A., English, in honors (summa cum laude), 1997

RESEARCH AND TEACHING INTERESTS

Environmental History, Food History, Recent American History

SELECTED PUBLICATIONS

Books

Food Power: The Rise and Fall of the Postwar American Food System. New York: Oxford University Press, 2017.

Food Security. Cambridge, UK: Polity Press, 2010.

Co-editor with Richard A. Matthew, Jon Barnett, and Karen L. O'Brien. *Global Environmental Change and Human Security*. Cambridge, MA: The MIT Press, 2009.

Co-editor with Richard A. Matthew and Kenneth R. Rutherford. *Landmines and Human Security: International Politics and War's Hidden Legacy*. Albany, NY: State University of New York Press, 2004; paperback, 2006.

Research Articles and Book Chapters

“What to Eat After an Atomic Bomb: Food and Security in Early Cold War America.” *Journal of Cold War Studies* (accepted for publication).

“Food as a Key Resource for Security and Stability: Implications of Changes in the Global Food System 1950-2000.” *Journal of Law and International Affairs* 3, no. 2 (2015): 42-55.

Co-author with Donald B. Thompson. “What Food is ‘Good’ for You? Toward a Pragmatic Consideration of Multiple Values Domains.” *Journal of Agricultural and Environmental Ethics* 26, no. 1 (2013): 137-163.

“Ensuring Food Security: Meeting Challenges from Malnutrition, Food Safety and Global Environmental Change.” In *Environmental Security: Approaches and Issues*, edited by Rita Floyd and Richard Matthew, 234-247. London: Routledge, 2013.

Co-author with George E. Shambaugh, Richard A. Matthew, Roxane Cohen Silver, Michael Poulin and Scott Blum. “Public Perceptions of Traumatic Events and Policy Preferences during the George W. Bush Administration: A Portrait of America in Turbulent Times.” *Studies in Conflict and Terrorism*, 33, no. 1 (2010): 55–91.

“Global Health and Human Security: Addressing Impacts from Globalization and Environmental Change.” In *Global Environmental Change and Human Security*, edited by Richard Matthew, Jon Barnett, Bryan L. McDonald and Karen O’Brien. Cambridge, MA: The MIT Press, 2009.

Co-author with Richard A. Matthew. “Environmental Security: Academic and Policy Debates in North America.” In *Facing Global Environmental Change: Environmental, Human, Energy, Food, Health and Water Security Concepts*, edited by Hans Gunter Brauch, et al., 791-802. Berlin: Springer-Verlag, 2009.

Co-author with Richard A. Matthew and Heather D. Goldsworthy. “Environmental Ethics.” In *The Ethics of Global Governance*, edited by Antonio Franceschet, 141-158. Boulder, CO: Lynne Rienner, 2009.

Co-author with Richard A. Matthew and George E. Shambaugh, IV. “Post-9/11 America: Conventional Wisdom versus Popular Pragmatism.” *Democracy & Society* 5 no. 2 (2008): 1, 20-24.

Co-author with Richard A. Matthew. "Cities Under Siege: Urban Planning and the Threat of Infectious Disease." *Journal of the American Planning Association* 72, no. 1 (2006): 109-117. Reprinted in Eugenie Birch, ed. *The Urban and Regional Planning Reader*. New York: Routledge, 2008.

"The Global Landmine Crisis in the 1990s." In *Landmines and Human Security: International Politics and War's Hidden Legacy*, edited by Richard A. Matthew, Bryan McDonald and Kenneth R. Rutherford, 21-34. Albany, NY: State University of New York Press, 2004.

Co-author with Richard A. Matthew. "Networks of Threat and Vulnerability: Lessons from Environmental Security Research." *Environmental Change and Security Project Report* 10 (2004): 36-42.

Co-author with Helen Ingram and Anne Schneider. "The Political Invasion of Science: How Policy Constructs Meanings and Boundaries." *Rivista Italiana di Politiche Pubbliche* 2 (2004): 5-28.

Co-author with Richard A. Matthew and Ted Gaulin. "The Elusive Quest: Linking Environmental Change and Conflict." *Canadian Journal of Political Science* 36, no. 4 (2003): 857-878.

Co-author with Helen Ingram. "The Precautionary Principle, Science Wars, and the Earth Summit." *Politics and the Life Sciences* 21, no. 2 (2002): 56-60.

Book Reviews

Review of *Histories of the Dustheap: Waste, Material Cultures, Social Justice*, edited by Elizabeth Mazzolini and Stephanie Foote. *Global Environmental Politics* 14, no. 2 (2014): 132-134.

Review of *From Resource Scarcity to Ecological Security: Exploring New Limits to Growth*, edited by Dennis Pirages and Ken Cousins. *Journal of Environment and Development* 15, no. 4 (2006): 452-453.

Review of *Livable Cities: Urban Struggles for Livelihood and Sustainability*, by Peter Evans. *Global Environmental Politics* 4, no. 1 (2004): 124-126.

Review of *Environmental Policy: Implementation and Enforcement*, by Neil Hawke. *International Environmental Agreements: Politics Law and Economics* 3 (2003): 293-295.

Co-author with Helen Ingram, "The Troubled Relationship of Science to Environmental Policy: Some New Perspectives" (review essay). *Natural Resources Journal* 42, no. 3 (2002): 673-685.

Review of *Crimes Against Nature: Squatters, Poachers, Thieves, and the Hidden History of American Conservation*, by Karl Jacoby. *Environment* 44 (2002).

Review of *Making Collaboration Work: Lessons from Innovation in Natural Resources Management*, by Julia M. Wondolleck and Steven L. Yaffee. *Natural Resources Journal* 41, no. 4 (2001): 1033-1035.

Review of *Environmental Conflict*, by Paul F. Diehl and Nils Petter Gleditsch. *Environmental Change and Security Project Report* 7 (2001): 165-167.

"Considering the Nature of Wilderness: Reflections on Roderick Nash's *Wilderness and the American Mind*," (review essay) *Organization & Environment* 14, no. 2 (2001) 188-201.

Review of *Eco-Pragmatism: Making Decisions in an Uncertain World* by Daniel A. Farber. *Society & Natural Resources* 14, no. 6 (2001): 545-546.

Other Publications

"Why are World Food Problems so Hard to Solve?" *OUPblog*, May 23, 2017.

Co-author with Kent Butts. "Environmental Security: Conflict or Cooperation?" *International Relations and Security Network (ISN)*, April 28, 2014.

"Food Security Emerges as a Complex Global Challenge." *The Journal of ERW and Mine Action* 16, no. 1 (Spring 2012).

"Food Price Shocks and Instability Highlight Weaknesses in Governance and Markets." *The New Security Beat*, February 9, 2011.

Contributing author. *From Conflict to Peacebuilding: The Role of Natural Resources and the Environment*. Nairobi: United Nations Environment Programme, 2009.

Co-author with Richard A. Matthew, Mike Brklacich, and Bishnu R. Upreti. "Advancing Conflict, Co-operation and Environmental Change: Human Security Research." *IHDP Update* 3 (2004): 11-12.

Co-author with Richard A. Matthew and Michael Brklacich. "Analyzing Environment, Conflict and Cooperation." In *Understanding Environment, Conflict and Cooperation*. Nairobi: United Nations Environment Program, 2004: 5-15.

GRANTS

Co-Investigator with Lara Fowler (Principal Investigator), Chris Forest, Jonathan Marks, Sarah Clark Miller, Tom Richard, Anna Sewell, Nancy Tuana and Petra Tschakert. "Climate Change and Conflict Management," Penn State Sustainability Institute, Penn State University. Total awarded: \$50,000.00. (funded: January 2014-December 2014).

FELLOWSHIPS, HONORS AND AWARDS

Faculty Excellence in Sustainability Award, College of the Liberal Arts, The Pennsylvania State University, 2017

Residential Fellowship, Institute for the Arts and Humanities, The Pennsylvania State University, 2013-2014

Postdoctoral Scholar, Center for Unconventional Security Affairs, University of California, Irvine, 2008-2010

Justice Stephen K. Tamura Fellowship, School of Social Ecology, University of California, Irvine, 2006-2007

Lauds and Laurels Outstanding Graduate Student, University of California, Irvine, 2006

Chancellor's Club Fund for Excellence Dissertation Fellowship, University of California, Irvine, 2005-2006

Dean's Dissertation Fellowship, School of Social Ecology, University of California, Irvine, Spring 2005

Graduate Fellowship, Newkirk Center for Science and Society, University of California, Irvine, 2004-2005

Dissertation Fellowship, University of California Institute on Global Conflict and Cooperation, 2002-2003

Martha Newkirk Award for Excellence in Graduate Student Research, University of California, Irvine, 2002

Outstanding Teaching Assistant, School of Social Ecology, University of California, Irvine, 2000

PRESENTATIONS

Selected Presentations at Professional Meetings

“Learning from Failure: An Examination of Unsuccessful Efforts to Establish International Food Reserves.” Presented at the 2016 annual meeting of Association for Environmental Studies and Sciences, Washington, DC, June 8-11, 2016.

“Ezra Taft Benson and the Birth of the World Food Network in the 1950s.” Presented at the 2015 annual meeting of American Society for Environmental History, Washington, DC, March 18-22, 2015.

“Get Big or Get Out:” Nature, Food and Power in America, 1945-1960.” Presented at the 2014 annual meeting of The Society for Historians of American Foreign Relations, Lexington, Kentucky, June 19-21, 2014.

“Resilience and World Food Problems: Nature, Food and Power in America, 1945-1995.” Presented at the 2013 annual meeting of the Association for Environmental Studies and Sciences, Pittsburgh, Pennsylvania, June 19-22, 2013.

“What Food is “Good” for You? Considering Multiple Values Domains” (with Donald B. Thompson). Presented at the Joint 2011 annual meetings of the Agriculture, Food, and Human Values Society (AFHVS), Association for the Study of Food and Society (ASFS), & Society for Anthropology of Food and Nutrition, Missoula, Montana, June 9-12, 2011.

“Food Security and Global Governance: Considering Challenges to Ensuring Sufficient, Safe and Nutritious Food.” Presented at the 2011 annual meeting of the International Studies Association, Montreal, Canada, March 16-19, 2011.

“Democratic Peace, Global Catastrophe? The Challenge of Transnational Threats” (with Richard A. Matthew and George E. Shambaugh, IV). Presented at the 2010 annual meeting of the International Studies Association, New Orleans, Louisiana, February 17-20, 2010.

“Food Security in a Global Age: Addressing Challenges from Malnutrition, Food Safety and Environmental Change” (with Richard A. Matthew). Presented at the 2009 annual meeting of the American Political Science Association, Toronto, Canada, September 3-6, 2009.

“Perceptions of Threat, Trust in Government, and Policy Support in Democratic Societies” (with Richard A. Matthew and George E. Shambaugh, IV). Presented at the 2009 annual meeting of the American Political Science Association, Toronto, Canada, September 3-6, 2009.

- “Linking Global Environmental Change and Human Security.” Presented to roundtable on “Environment and Security: Critical Approaches” at the 2009 annual meeting of the International Studies Association, New York, New York, February 15-18, 2009.
- “Core Themes for Global Environmental Politics: Sustainability, Security and Ethics.” Presented to roundtable on “Encountering Global Environmental Politics: Pedagogies of Hope” at the 2009 annual meeting of the International Studies Association, New York, New York, February 15-18, 2009.
- “Global Change and U.S. Public Opinion: Challenging Common Assumptions about the Impact of Terrorism” (with Richard A. Matthew and George E. Shambaugh, IV). Presented at the 2008 annual meeting of the International Studies Association, San Francisco, California, March 26- 29, 2008.
- “Rethinking Environmental Ethics” (with Richard A. Matthew and Heather D. Goldsworthy). Presented at the 2007 annual meeting of the International Studies Association, Chicago, Illinois, February 28-March 4, 2007.
- “The Food System and Human Security: Confronting Hunger and Biological Threats in a Time of Global Change.” Presented at the 2006 annual meeting of the International Studies Association, San Diego, California, March 22-25, 2006.
- “Cities Under Siege: Transnational Threats and Urban Vulnerabilities” (with Richard A. Matthew). Presented at the 2005 annual meeting of the American Planning Association, San Francisco, California, March 20, 2005.
- “Biotech Food, Biosecurity and Changes in World Politics.” Presented at the 2004 annual meeting of the American Political Science Association, Chicago, Illinois, September 2-5, 2004.
- “From AgBioTech to AgBioTerror: Genetically Modified Food and International Security in the 21st Century.” Presented at the 2004 annual meeting of the International Studies Association, Montreal, Canada, March 17-20, 2004.
- “Global Environmental Change and Human Security: Gaps in Research on Social Vulnerability and Conflict” (with Richard A. Matthew and Mike Brklacich). Presented at the 2004 annual meeting of the International Studies Association, Montreal, Canada, March 17-20, 2004.
- “The Political Invasion of Science: How Policy Constructs Boundaries and Meanings” (with Helen Ingram and Anne Schneider). Presented at the 2002 annual meeting of the American Political Science Association, Boston, Massachusetts, August 2002.

“Environmental Change, Conflict and Adaptation: Evidence from Cases” (with Ted Gaulin). Presented at the 2002 annual meeting of The International Studies Association, New Orleans, Louisiana, March 24-27, 2002.

“The Elusive Quest: Linking Environmental Change and Conflict” (with Ted Gaulin). Presented at the 2001 annual meeting of the International Studies Association, Chicago, Illinois, February 20-24, 2001.

Selected Invited Talks and Other Presentations

“Challenges to Global Food Security.” Presented to Introduction into Ethics and Issues in Agriculture (AG 160), Penn State University, September 11, 2017.

“Wholesome, Organic and Natural: Good Food and Sustainability.” Presented at “Sustainability in the College of the Liberal Arts,” Penn State University, April 18, 2017.

“International Agriculture, Development and World Food Problems in the 21st Century.” Presented to International Agriculture and Development (INTAD 820), Penn State University, February 4, 2017.

“Food Power and Food Ethics: Food Security in a Complex World.” Presented to Rock Ethics Institute, Penn State University, November 17, 2016.

“Agriculture, Food and Ethics: Understanding Food Problems.” Presented to Introduction into Ethics and Issues in Agriculture (AG 160), Penn State University, October 3, 2016.

“The Twentieth Century Origins of Contemporary World Food Problems.” Presented to GLOBE Special Living Option, Schreyer Honors College, Penn State University, November 5, 2015.

“Water, Conflict and Human Security: How History Can Help in Thinking about the Future.” Presented to 2015 Water Symposium, Penn State University, April 22, 2015.

“Food Security, Resilience and Sustainability in the Anthropocene.” Presented to Rural Studies Conference, Penn State University, February 13, 2015.

“Dinner for Seven Billion: Food Issues for the 21st Century.” Presented to Research Unplugged, State College, Pennsylvania, October 16, 2014.

“Local Food, Urban Agriculture and Food Security: Some Lessons from WWI Liberty Gardens and WWII Victory Gardens.” Presented to Penn State Earth Day panel discussion on *Growing Cities*, University Park, Pennsylvania, April 22, 2014.

“Get Big or Get Out: Nature, Food, and Power in America, 1945-1995.” Presented to Institute for the Arts and Humanities Resident Scholars and Artists Lecture Series, Penn State Institute for the Arts and Humanities, University Park, Pennsylvania, March 18, 2014.

“Food as a Key Resource for Security and Stability: Changes in the Global Food System 1950-2000.” Presented to 2014 Penn State Journal of Law & International Affairs Symposium, Penn State Dickinson School of Law, Carlisle, Pennsylvania, February 7, 2014.

“Wholesome, Organic and Natural: Food Labeling in the United States, 1906-2012.” Presented to 9th Annual Penn State Environmental Forum, The Pennsylvania State University, University Park, Pennsylvania, November 12, 2013.

“Resilience and Community Food Security.” Presented to Community Food Security Speaker Series, The Pennsylvania State University, University Park, Pennsylvania, October 21, 2013.

“Energy Regimes and Energy Transitions in the Twentieth Century.” Presented to workshop on “Energy, Security and Stability,” The Pennsylvania State University, University Park, Pennsylvania, October 8, 2012.

Participant in workshop on “Assessing the Links: Food, Agriculture, Conflict, and Fragility,” Environmental Change and Security Program, Woodrow Wilson International Center for Scholars, Washington, D.C., March 26, 2012.

“The Ethics of Food Security.” Presented to “Food Ethics 2011/12 Lecture Series,” The Pennsylvania State University, University Park, Pennsylvania, February 13, 2012.

“Terrorism and Food Security: Understanding the Changing Landscape of Threats and Vulnerabilities in the Food System.” Presented to “The Future of Terrorism II,” The Pennsylvania State University, University Park, Pennsylvania, October 20, 2011.

“Food Security: Reduced Agricultural Yields, Crop Failures and Possible Adaptations.” Presented to SIDG/Duke Global Health Institute Symposium “Beyond the Brink: Addressing Human Health and Security in a Changing Climate,” Duke University, Durham, North Carolina, February 11, 2011.

“Food Security and Global Environmental Change.” Presented to Canadian Studies: On the Edge - An Interdisciplinary Symposium, University of Southern California, Los Angeles, California, October 9, 2009.

“Addressing Unconventional Threats to Security in a Turbulent World.” Presented to 2009 Emergency Management and Homeland Security Summit, California State University Chancellor’s Office, Long Beach, California, June 29, 2009.

“Ensuring Safety and Security in the Food System.” Presented to Factors Influencing Emerging Infections in the Southeast, Southeastern Center for Emerging Biological Threats (SECEBT) and Emory University School of Medicine, Atlanta, Georgia, June 23-24, 2009.

“The Security of Food Production: What Does the Future Hold?” Presented to the 2008 California Alfalfa & Forage Symposium and Western Seed Conference, San Diego, California, December 2-4, 2008.

“Security in an Age of Global Change.” Presented at Vanguard University, Costa Mesa, California, November 20, 2008.

“Navigating the Changing Security Landscape.” Presented to the University of California, Irvine Chancellor’s Club, Irvine, California, Tuesday, January 22, 2008.

“Human Security and Food Security in an Age of Transnational Threats.” Presented to Public Policy and Security Speaker Series, University of California, Los Angeles, Los Angeles, California, May 10, 2005.

“Security and Social Stability Impacts of Disease across Species.” Presented at the 3rd IUCN World Conservation Congress, Bangkok, Thailand, November 19, 2004.

“Gaps and Opportunities in Analysis of Environment, Cooperation, and Conflict Linkages” (with Richard A. Matthew and Michael Brklacich). Presented to Conference on Environment, Conflict, and Cooperation: Gaps and Opportunities for Research and Policy Agendas, Woodrow Wilson Center, Washington, D.C., December 3-5, 2003.

COURSES OFFERED

HIST 21 | American Civilization Since 1877

HIST 110 | Nature and History

HIST/NUTR 111 | American Food System: History, Technology, and Culture

STS 135/PLSC 135 | Politics of the Ecological Crisis

HIST 302 | Undergraduate Seminar in History

HIST 302M | Honors Undergraduate Seminar in History

HIST 447 | Recent American History

HIST 453 | American Environmental History

HIST 597 | Graduate Research Seminar in American Environmental History

ADVISING

Graduate Students

Kathryn Falvo, Dissertation Committee Member, Department of History, Penn State University.

Mario Machado, Masters Thesis Committee Member, Department of Geography, Penn State University. "Navigating the Food Security and Food Sovereignty Nexus in the Afram Plains, Ghana." (May 2016).

John Hoenig, Dissertation Committee Member, Department of History, Penn State University. "The Canned and the Fresh: The Making and Remaking of Tomato Culture." (July 2014).

Mark Read, Dissertation Committee Member, Department of Geography, Penn State University. "Embracing Uncertainty: Scenario Planning for Climate Change-Security Challenges and Opportunities." (June 2014).

Ethan Mannon, Dissertation Committee Member, Department of English, Penn State University. "Reading the Earth Workers: The Georgic Mode in Twentieth-Century American Literature and Writing." (April 2014).

Undergraduate Students

Andrew D'Aversa, Honors Thesis Advisor, Department of History, Penn State University. "Delmonico's: The Creation of the Modern American Restaurant." (May 2014). Recipient of the Paterno Fellows Humanities Honors Thesis Award.

Natalie Roberts, Honors Thesis Advisor, Department of History, Penn State University. "History of Organic Farming in California and Pennsylvania." (May 2014). 2nd place winner of the Penn State University Libraries and Schreyer Honor's College's 2014 Outstanding Undergraduate Thesis Award.

SERVICE ACTIVITIES AND PROFESSIONAL AFFILIATIONS

Co-Chair, College of the Liberal Arts Green Steering Committee, 2016-present

Member, Promotion and Tenure Committee, Department of History, 2017-18

Member, Policy Committee, Department of History, 2017-18

Member, General Education Recertification Committee, Department of History, 2017-18

Undergraduate Teaching Mentor for Graduate Student, Department of History, 2017-18

Curricular Reform Facilitator, Department of History, 2016-2017

Member, McCabe Greer Professor in the American Civil War Era Search Committee,
2016-2017

Member, School of International Affairs/Rock Ethics Institute Faculty Search Committee,
2016-2017

Member, Undergraduate Reform Committee, Department of History, 2015-16

Member, Humanities Online Degree Committee, College of the Liberal Arts, 2015

Member, Curricular Reform Committee, Department of History, 2014-15

Member, Endowed Lectures Committee, Department of History, 2014-15

Acting Co-Chair, College of the Liberal Arts Green Steering Committee, 2014-16

Member, Sustainability Committee, Department of History, 2013-14

Member, College of the Liberal Arts Green Steering Committee, 2012-14

Member, Curricular Affairs Committee, College of the Liberal Arts, 2012-13

Member, Graduate Awards and Evaluation Committee, Department of History, 2012-13

Co-organizer, Energy Security and Stability Initiative, Penn State University, 2011-12

Fellow, International Center for the Study of Terrorism, Penn State University, 2010-13

Member, Undergraduate Curriculum Committee, Science, Technology & Society
Program, 2010-11

Co-editor, Environmental Studies Section newsletter, International Studies Association,
2007-10

Reviewer: *Journal of Asian Studies*, MIT Press, Oxford University Press, Polity Press, Routledge Press, University of Nebraska Press, Yale University Press

Professional Memberships: Agriculture, Food, and Human Values Society; American Historical Association; American Society for Environmental History; Association for Environmental Studies and Sciences; Organization of American Historians; Society for Historians of American Foreign Relations