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EDUCATION

Ph.D. in History, University of Texas at Austin, May 2003
M.A. in History, University of Texas at Austin, May 1999
B.A., Summa Cum Laude, Honors Program, La Sierra University, Riverside, CA, June 1995

EMPLOYMENT

08/2003-present Assistant Professor of History, University of Kansas, Lawrence, Department of History
08/2002-05/2003 Visiting Instructor in History, Southwestern University, Georgetown, TX, Dept. of History
08/2001-08/2002 Instructor, University of Texas at Austin, Department of History
02/2000-03/2000 Lecturer, La Sierra University, Riverside, CA, Department of History, Politics, and Society
08/1997-12/1999 Teaching Assistant, University of Texas at Austin, Department of History
06/1996-08/1997 Historian I, Texas Historical Commission, Austin, TX
06/1993-06/1995 Research and Teaching Assistant, La Sierra University, Dept. of History and Political Science
09/1992-06/1993 Laboratory Instructor, La Sierra University, Departments of Biology and Physics

PUBLICATIONS

The Guano Lords: Ecology & Empire in Peru & the Pacific World. Cambridge University Press, forthcoming.
“The Challenge of Sustaining Soils: An Integrated, Long-Term View on Biomass Production in Agriculture and Forestry and Its Natural and Social Ramifications” by Verena Winiwarter, Martin Gerzabek, et al. Resubmitted to *Ecology and Society*.
“Humboldt and the Hermeneutics of Guano,” by Gregory T. Cushman and Kent Mathewson. In *Humboldt and the Americas*, ed. Vera M. Kutzinski. Under review by University of Chicago Press.
“The Imperial Politics of Hurricane Prediction: From Calcutta and Havana to Manila and Galveston, 1839-1900.” In *The Nation-State and the Transnational Environment*, ed. Mark Lawrence, et al. Oxford Univ. Press, in press.
“Humboldtian Science, Creole Meteorology, and the Discovery of Human-Caused Climate Change in Northern South America.” *Osiris* 26 (2011): in press.
“Nitrogen Flows and Nitrogen Use Efficiency in Chinese Production and Consumption of Wheat, Rice and Maize” by Wenqi Ma, et al. *Agricultural Systems* 99, no. 1 (2009): 53-63.
“The Last First Contact.” *Environmental History* 12, no. 2 (Apr. 2007): 304-307.
“Cooking a Cuban *Ajiaco*: The Columbian Exchange in a Stewpot.” *World History Bulletin* 22, no. 2 (2006): 21-25.
“The Struggle over Airways in the Americas, 1919-1945: Atmospheric Science, Aviation Technology, and Neocolonialism.” In *Intimate Universality: Local and Global Themes in the History of Weather and Climate*, ed. James Fleming, et al, 175-222. Sagamore Beach, MA: Science History Publications, 2006.
“¿De qué color es el oro?: Race, Environment, and the History of Cuban National Music.” *Latin American Music Review* 26, no. 2 (Fall/Winter 2005): 164-194.
“‘The Most Valuable Birds in the World’: International Conservation Science and the Revival of Peru’s Guano Industry, 1909-1965.” *Environmental History* 10, no. 3 (July 2005): 477-509.
“Choosing between Centers of Action: Instrument Buoys, El Niño, and Scientific Internationalism in the Pacific, 1957-1982.” In *The Machine in Neptune’s Garden: Historical Perspectives on Technology and the Marine Environment*, edited by Helen M. Rozwadowski and David K. van Keuren, 133-182. Sagamore Beach, MA: Science History Publications, 2004.
“Enclave Vision: Foreign Networks in Peru and the Internationalization of El Niño Research during the 1920s.” *History of Meteorology* 1, no. 1 (2004): 65-74.
“Environmental Therapy for Soil and Social Erosion: Landscape Architecture and Depression-Era Highway Construction in Texas.” In *Environmentalism in Landscape Architecture*. Edited by Michel Conan, 45-70. Washington, DC: Dumbarton Oaks Research Library and Collection, 2000.
Book reviews in *Louisiana History*, *Isis*, *Journal of the History of Medicine*, *Hispanic American Historical Review*, *Technology and Culture*, *Environmental History*, *Bulletin of Latin American Research*.

AWARDS, GRANTS & SCHOLARSHIPS (Selected)

National Science Foundation, Integrative Graduate Education and Research Traineeship (IGERT) Program, 2008-2014. Principal investigator: Joane Nagel. "C-CHANGE: Climate Change, Humans, and Nature in the Global Environment." [Member of Steering Committee administering grant, core participating faculty, Advisory Board for grant proposal; played major role in developing the humanities dimension of proposal; \$3.2 million.]

J. William Fulbright Foreign Scholarship to Hungary, fall 2007. "The Ethical Dimensions and Environmental History of Agriculture," Georgikon Faculty of Agriculture, University of Pannonia, Keszthely. [\$16,297]

General Research Fund, University of Kansas, for summer research, FY2004-10.

Big XII Faculty Fellowship, University of Kansas, to support research on "Environmental Science in Postcolonial Latin America" at the University of Texas at Austin, 15-24 Nov. 2004.

Barnes F. Lathrop Prize for best dissertation of 2003-04, Univ. of Texas at Austin, Dept. of History, Apr. 2004.

Michael Robinson Award for best published article in public works history, Public Works Historical Society, for "Environmental Therapy for Soil and Social Erosion," Sept. 2001.

History of Science Dissertation Fellowship, American Meteorological Society, 1999-2000.

Carlos Castañeda Dissertation Research Scholarship, University of Texas at Austin, Dept. of History, May 1999.

Visiting Scholar, National Endowment for the Humanities Summer Institute for Teachers, University of California, Santa Cruz. Topic: "Environment and World History, 1500-2000," dir. Edmund Burke III, June-July 1998.

RECENT PUBLIC PRESENTATIONS (non-KU)

International Congress of History of Science and Technology, Budapest, Hungary, 28 July–2 Aug. 2009. "La Niña, Stellar Portents, and the Extinction of Easter Island's Birdmen, 1862-1866."

Interdisciplinary Symposium on Humboldt's Transatlantic Personae: Plotting the Imaginaries, Louisiana State University, 6 May 2009. "The Ecology of Liberation: Humboldtian Travel and Latin America's First Postcolonial States."

Institute for Historical Studies, University of Texas at Austin: "The Nation-State and the Transnational Environment." 16-18 Apr. 2009. "The Ecology of Liberation: Haiti, Bolívar, and Latin America's First Postcolonial States."

International Conference on Climate and Cultural Anxiety: Historical and Social Perspectives. Colby College, Waterville, Maine, 1-4 Apr. 2009. "Humboldtian Geopolitics and the Discovery of Human-Caused Climate Change in South America."

Science Studies Symposium. University of California, San Diego. 7 Apr. 2008. "The Science of Liberation: Alexander von Humboldt, The Age of Revolution, and Human-Caused Climate Change in South America."

Symposium on Environmental Studies. University of Central Missouri. 18 Mar. 2008. "The Colonial Politics of Hurricane Prediction: From Havana to Manila to Galveston, 1870-1900."

Kerner-von-Marilaun Workshop of the Austrian Academy of Science, Commission for Interdisciplinary Ecological Studies: "The Challenge of Sustaining Soils: Lessons from Historical Experience for a Sustainable Future." 8-9 Nov. 2007. "A Historian Responds."

Center for Environmental History, Faculty for Interdisciplinary Research and Studies-Vienna (IFF-Wien), University of Klagenfurt. 19th Minisymposium. 8 Oct. 2007. "The Moon's Vagina & the First Guano Lords: Fertilizer and Fertility in Premodern Peru."

American Society for Environmental History, Annual Meeting, Baton Rouge, LA, 28 Feb.-3 Mar. 2007. Presenter: "The Colonial Politics of Hurricane Prediction: From Havana to Manila to Galveston, 1870-1900." Panel organizer: "Acts of God?: Environmental Disasters in Cross-Cultural Perspective."

SERVICE & Public Outreach (Selected)

Co-director, Nature & Culture Seminar, Hall Center for the Humanities, University of Kansas, 2004-present.

Steering Committee, NSF-IGERT "C-Change" Program, Univ. of Kansas, 2006-present.

Field consultant for the 35-episode television series *Beagle, in het kielzog van Darwin* (Beagle, in the footsteps of Darwin) produced by Dutch Television and Radio (VPRO), 2009. Appeared in episode 18, "The Last Drop."

Elinor Melville Memorial Prize Committee, Amer. Historical Assoc., Conf. on Latin American History, 2009-11.

Graduate Awards Committee, Dept. of History, KU, 2007-present. Numerous other departmental committees.

Editorial advisory board, *Encyclopedia of Environment and Society*, ed. Paul Robbins (SAGE), 2005-07.

History of Atmospheric Sciences Committee, American Meteorological Society, 2001-04.

Referee for *Environmental History*, *Die Bodenkultur*, *Environment and History* (UK), *Bulletin of the American Meteorological Society*, National Science Foundation (Science & Society Program), *Vertientes* (Mexico), *Climatic Change, Technology and Culture*, *New Dictionary of Scientific Biography*, Erwin Rauner Verlag (Munich), Raintree Publishers (Chicago), *History of Meteorology*.