

JAVIERA BARANDIARAN

October 2016

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PROFESSIONAL APPOINTMENTS

2013 - Assistant Professor, Global Studies Department, UCSB

EDUCATION

2013 Ph.D. University of California, Berkeley, Environmental Science, Policy and Management

2008 M.P.P. University of California, Berkeley, Public Policy

2000 B.A. University of Edinburgh, Scotland, Political Science

1999 Certificat Institut d'Études Politiques, Grenoble, France, Political Science

SELECTED GRANTS, FELLOWSHIP, AWARDS

2016 Faculty Career Development Award, UCSB

2014-15 National Science Foundation (NSF), UCSB Center for Nanotechnology and Society Seed Grant

2014-15 UC Regents' Faculty fellowship, UCSB

2014-15 Orfalea Center Research Cluster on Energy

2014-15 UCSB Institute for Social and Behavioral Science (returned)

2010-11 National Science Foundation (NSF) Doctoral Dissertation Improvement Grant

2009 Social Science Research Council (SSRC) Dissertation Proposal Development Fellowship

2008-10 Govt. of Spain, Ministry of Foreign Relations Graduate Studies Fellowship

2006-08 Caja Madrid Foundation (Spain) Graduate Studies Fellowship

PUBLICATIONS

Refereed Journal Articles

2016 Barandiarán, J. The authority of rules in Chile's contentious environmental politics. *Environmental Politics*. <http://dx.doi.org/10.1080/09644016.2016.1218156>

2015 Barandiarán, J. Reaching for the Stars? Astronomy and Growth in Chile. *Minerva*. 53 (2), pp. 141-164.

2015 Barandiarán, J. Chile's Environmental Assessments: Contested Knowledge in an Emerging Democracy. *Science as Culture*. 24 (3), pp. 251-275.

2012 Barandiarán, J. Researching Race in Chile. *Latin America Research Review*. Vol. 47 (1), pp. 161-176.

- 2012 Barandiarán, J. Threats and opportunities of proprietary science at the University Andres Bello in Chile. *Higher Education*. Vol. 63, Issue 2, pp. 205-218
- 2009 Philbrick, M. and **J. Barandiarán**. The National Citizens' Technology Forum: lessons for the future. *Science and Public Policy*. Vol. 36, No. 5., pp. 335-347.

Book Chapters

- 2017 Ottinger, G., **Barandiaran, J.**, and A. H. Kimura. "Environmental Justice: Knowledge, Technology and Expertise" in Felt, Ulrike, Fouché, Rayvon, Miller, Clark and Laurel Smith-Doerr, *The Handbook for Science and Technology Studies*, 4th edition. Cambridge, MA: MIT Press.
- 2015 French, A., **Barandiaran, J.**, and C. Rampini. "Water Use and Conflicts" in Huggel, Christian, Clague, John, Kaab, Andreas, and Mark Carey, *The High-Mountain Cryosphere: Environmental Changes and Human Risks*. Cambridge, UK: Cambridge University Press.
- 2014 Tironi, M. and **J. Barandiarán**. "Neoliberalism as Political Technology: Expertise, Energy and Democracy in Chile" in *Beyond Imported Magic: Studying Science and Technology in Latin America*. eds. Eden Medina, Christina Holmes, and Ivan da Costa Marques. Cambridge, MA: MIT Press.

Encyclopedia Entries

- 2010 Barandiarán, J., Taylor, M., and Rabinovici, S. "The Berkeley Nanoscale Materials Health and Safety Ordinance." in Guston, D., ed., *Encyclopedia of Nanoscience and Society*. Thousand Oaks, CA: SAGE Publications.
- 2010 Barandiarán, J. "California and Nanotechnology." in Guston, D., ed., *Encyclopedia of Nanoscience and Society*. Thousand Oaks, CA: SAGE Publications.

Book Reviews

- 2016 "State and Environment" by Andreas Duit, ed. (2014) MIT Press. *Global Environmental Politics*.
- 2014 "Race and the Chilean Miracle" by Patricia Richards (2013) University of Pittsburgh Press. *Contemporary Sociology*.
- 2014 "The Politics of Academic Autonomy in Latin America" by Fernanda Beigel, ed. (2013) Ashgate Press. *Critical Reviews on Latin American Research (CROLAR)*.

Submitted Manuscripts

[book] "From Empire to Umpire: Science and Environmental Conflict in Neoliberal Chile"

Manuscripts in Preparation

"Production/Destruction: Latin American Environments." With Casey Walsh. *Journal of Political Ecology*.

"Lithium dreamscapes: on modern resource curses and future booms." *Global Environmental Change or Geoforum*.

“Taking Energy to Court: legal challenges to energy-as-usual in Chile”. *World Development*.

INVITED TALKS

- 2016 *Science and Scientists in Transition Chile, 1980-1995*
Yale University, “Traveling Technocrats” conference
- 2016 *Strategic Resources for Development: The State and Contested Energy Projects in South America*
Colorado School of Mines
- 2015 *¿Qué rol juega la ciencia en un estado que “raya la cancha”?*
Universidad de Santiago, Chile
- 2015 *Credibilidad científica y conflictos ambientales en Chile: algunas reflexiones*
Universidad Austral, Valdivia, Chile
- 2014 *Lithium: Driving (Sustainable) Development?*
Arizona State University
- 2014 *Las Ciencias Ambientales en Transición: los casos de CENMA y EULA en Chile*
University Alberto Hurtado, Chile.
- 2013 *Ciencia y Democracia en Pascua Lama (lado chileno)*
University of Mendoza, Argentina, invited by Professor Mark Healey.

REFEREED PRESENTATIONS

Conferences Organized

- 2016 *Production/Destruction: Latin American Environments*
UC Santa Barbara, CA (April 8-9)
- 2015 *Energy Challenges in the Developing World*
UC Santa Barbara, CA (February 20)

Panels Organized

- 2015 *Environmental Justice and STS in Global Perspective*
Society for the Social Studies of Science (November 11-14, Denver, CO)
- 2014 *Lines of Flight in/for/to/ Latin America (triple session)*
Society for the Social Studies of Science (August 20-23, Buenos Aires)
- 2014 *The Politics of Environmental Licensing*
Latin American Studies Association Conference (May 22-24, Chicago, IL)

Papers Presented

- 2016 *Environmental reforms in post-dictatorship Chile*
International Studies Association (March 16-19, Baltimore, MD)
- 2015 *Science on Trial: Rivalries, Conflicts of Interest and Toxicity*
American Anthropological Association (November 18-21, Denver, CO)

- 2015 *Democratizing Environmental Science in Chile, 1980 - 2010*
Society for the Social Studies of Science (November 11-14, Denver, CO)
- 2015 *Science on Trial: Rivalries, Conflicts of Interest and Toxicity*
Contested Expertise & Toxic Environments (September 18-19, Pomona, CA)
- 2015 *Lithium Mining in the Andes*
Latin American Studies Association (May 27-30, San Juan, PR)
- 2015 *Environmental Politics in Post-Dictatorship Chile*
Western Political Science Association (April 1-4, Las Vegas, NV)
- 2015 *Negotiating with Science: Protecting Glaciers from Mining in Chile*
Sociology of Development (March 13-15, Providence, RI)
- 2014 *From Empire to Umpire: Science, Law, and Environmental Conflict in Post Pinochet Chile*
Society for the Social Studies of Science (August 20-23, Buenos Aires)
- 2014 *Experiments in Environmental Accountability in Chile*
Latin American Studies Association Conference (May 22-24, Chicago, IL)

Discussant

- 2014 *Air Pollution: Citizen experiments and urban sustainability*
Catholic University of Chile.

CAMPUS TALKS

- 2016 *Chilean Salmon Aquaculture in Crisis*
Environmental Politics Working Group, Bren School, UCSB
- 2016 *Conflict at the Pascua Lama Mine*
Political Economy Hub, invited by Professor Aashish Mehta
- 2015 *Lithium: Driving (Sustainable) Development?*
Center for Nanotechnology and Society, invited by Professor B. Harthorn
- 2015 *Scientists, Maps, and Environmental Conflict in the Chilean Patagonia*
ThinkSpatial at UCSB
- 2014 *Environment and Development in Chile*
The Great Society at 50, invited by Professor Alice O'Connor
- 2014 *Sustainability from a Southern Perspective*
Global Studies Conference, invited by Professor Raymond Clemenson
- 2014 *Three Recent Experiments in Accountability in Chile*
Environmental Politics Working Group, Bren School, UCSB

TEACHING

Undergraduate: Lower Level

- 2014- Introduction to Global Political and Economic Processes

Undergraduate: Upper Level

2013- Energy in Global Societies
2013- Global Environmental Politics

Graduate

2017 Science, Technology and Globalization
2014-15 Writing Seminar for Global Studies graduate students

SERVICE TO THE PROFESSION

Manuscript review for: Manguinhos [Spanish language History & Philosophy of Science journal] (2016), Geoforum (2015), Economic Anthropology (2015), Journal of Medical Anthropology (2013), Universitas Humanísticas Revista de Sociología y Antropología (2013), Contemporary Sociology (2013), Journal of Environment and Development (2013), Global Environmental Politics (2013, 2015).

SERVICE TO THE DEPARTMENT/CAMPUS

Graduate admissions committee
Undergraduate curriculum committee
Energy Research Focus Group
Political Economy Hub
Environmental Politics Working Group
Climate Change “Critical Issues in America” Series

NON-ACADEMIC EXPERIENCE AND SERVICE

2014-16 Volunteer Climate Justice Campaigns; Santa Barbara, CA
2008-10 NGO Consultant; Zacatecas, Mexico
2007 Consultant, National Park Service; Kona, Hawai'i
2003-06 Public Opinion Analyst, BBVA Foundation; Madrid, Spain
2000-03 Project Manager, TNS Demoscopia; Madrid, Spain

PROFESSIONAL AFFILIATIONS

Society for the Social Studies of Science (2009)
Latin American Studies Association (2010)
Association for Environmental Studies and Sciences (2013)
International Studies Association (2013)
American Anthropological Association (2015)

REFERENCES

David Winickoff (Advisor)
UC Berkeley, Associate Professor of Bioethics and Society
winickoff@berkeley.edu
(510) 643-0319

Alastair Iles
UC Berkeley, Associate Professor of Environmental Law and Policy
iles@berkeley.edu
(510) 643-3126

Eve Darian-Smith
UC Santa Barbara, Professor of Global Studies
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