

JAVIERA BARANDIARAN

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PROFESSIONAL APPOINTMENTS

- 2019-21 UC Faculty Director Education Abroad Program Office, Chile & Argentina
2019- Associate Professor, Global Studies Department, UCSB
Affiliate Latin American and Iberian Studies program, UCSB
Affiliate in the Interdepartmental PhD Emphasis in Environmental Studies, UCSB
2013-19 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

SELECT GRANTS, FELLOWSHIP, AWARDS

- 2018-19 Academic Senate research award, UCSB, \$9,400
2018-19 Institute for Social, Behavioral and Economic Research (co-PI), UCSB, \$7,612
2017-19 Mellon Sawyer Seminar "Energy Justice in Global Perspective" (lead PI), Andrew Mellon Foundation, \$225,000
2017-18 Academic Senate research award, UCSB, \$13,500
2016 Faculty Career Development Award, UCSB, course release
2014-15 UCSB Center for Nanotechnology and Society-NSF Seed grant, \$65,709
2014-15 UC Regents' Faculty fellowship, UCSB, course release
2010-11 National Science Foundation (NSF) Dissertation Improvement, \$17,000
2009 Social Science Research Council (SSRC) Dissertation Proposal Development Fellowship, \$5,000

PUBLICATIONS

Books and edited special issues

- 2018 *Science and Environment in Chile: The Politics of Expert Advice in a Neoliberal Democracy*. MIT Press. 261 pages.
2017 Barandiarán, J. and Casey Walsh. Edited special issue with introduction on Production/Destruction in Latin American Environments. *Journal of Political Ecology*. 24, pp. 716-725.

Refereed Journal Articles

- 2019 Barandiaran, J. Lithium and Development Imaginaries in Chile, Argentina and Bolivia." *World Development*. 113, pp. 381-391.
- 2016 Barandiarán, J. The authority of rules in Chile's contentious environmental politics. *Environmental Politics*. 25(6), pp. 1013-1033.
- 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, No. 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, pp. 1029-1058. Cambridge, MA: MIT Press. pp.
- 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*, pp.315-336. Cambridge, UK: Cambridge University Press.
- 2014 Tironi, M. and **J. Barandiarán**. "Neoliberalism as Political Technology: Expertise, Energy and Democracy in Chile" in Eden Medina, Christina Holmes, and Ivan da Costa Marques, *Beyond Imported Magic: Studying Science and Technology in Latin America*, pp. 305-330. 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., *Encyclopedia of Nanoscience and Society*. Thousand Oaks, CA: SAGE Publications.
- 2010 Barandiarán, J. "California and Nanotechnology." in Guston, D., *Encyclopedia of Nanoscience and Society*. Thousand Oaks, CA: SAGE Publications.

Book Reviews

- 2019 "Response to reviewers" H-Net Roundtable review of *Science and Environment in Chile*.

- 2016 “State and Environment” by Andreas Duit, ed. (2014) MIT Press. *Global Environmental Politics*. Vol. 16, Issue 1, pp. 108-109.
- 2014 “Race and the Chilean Miracle” by Patricia Richards (2013) University of Pittsburgh Press. *Contemporary Sociology*. Vol. 43, Issue 5, pp. 730-732.
- 2014 “The Politics of Academic Autonomy in Latin America” by Fernanda Beigel, ed. (2013) Ashgate Press. *Critical Reviews on Latin American Research (CROLAR)*. Vol. 3, No. 2, pp. 17-19.

Manuscripts Under Review

“Chilean Environmental Scientists from the Cold War to Neoliberalism,” in *Itineraries of Expertise: Science, Technology, and the Environment in Latin America's Long Cold War*, edited by Andra Chastain and Timothy Lorek. University of Pittsburgh Press.

Journal article: “Environmental Rights in Court: An Empirical Study of Litigation Involving Energy Facilities in Chile and Colombia.” with Sebastian Rubiano-Galvis.

Journal article: “Challenging Linear Narratives of Change in EIA Baselines: An Example from Chile.”

Manuscripts in preparation

Book: *Driving Development: The Lithium Trade in the Andes*.

News and other media

“Open Forum: Santa Barbara would embarrass California if it approves this dirty oil project.” *San Francisco Chronicle*, March 6, 2019. with T. Partridge.

“Cat Canyon Emissions are Wrong. Official Figures are Far Worse.” *Santa Barbara Independent*, March 20, 2019. with T. Partridge.

INVITED TALKS

- 2019 *Science and Environment in Chile*
UC Davis, California. April 24.
- 2019 *Science and Environment in Chile*
York University, Toronto, Canada. March 28.
- 2018 *Science, Environment and Inequality*
The University of Edinburgh, Scotland. June 19.
- 2018 *The Politics of Expert Advice in Chile*
Institute of Environmental Science and Technology-UAB, Spain. May 23.
- 2017 *Moving research into policy: comparative regulatory contexts*
Institute for Advanced Studies, Aix-Marseille University, France. October 12.
- 2017 *Science and Transparency in Environmental Regulation*
Universidad Católica de Chile, Chile. May 4.
- 2016 *Science and Scientists in Transition Chile, 1980-1995*

- Yale University, CT. October 15.
- 2016 *Strategic Resources for Development: The State and Contested Energy Projects in South America*
Colorado School of Mines, CO. February 16.
- 2015 *¿Qué rol juega la ciencia en un estado que “raya la cancha?”*
Universidad de Santiago, Chile. July 13.
- 2015 *Credibilidad científica y conflictos ambientales en Chile: algunas reflexiones*
Universidad Austral, Chile. July 2.
- 2014 *Lithium: Driving (Sustainable) Development?*
Arizona State University. October 31.
- 2014 *Las Ciencias Ambientales en Transición: los casos de CENMA y EULA en Chile*
Universidad Alberto Hurtado, Santiago, Chile. September 25.
- 2013 *Ciencia y Democracia en Pascua Lama (lado chileno)*
Universidad de Cuyo, Mendoza, Argentina. December 27.

REFEREED PRESENTATIONS

Papers Presented

- 2019 *Protecting Glaciers from Mining: the Pascua Lama mine in Chile*
International Studies Association (March 27-29, Toronto, Canada)
- 2018 *Lithium in energy transitions*
Petrocultures (August 29-31, Glasgow, Scotland)
- 2018 *Lithium dreamscapes: on modern resource curses and future booms*
International Studies Association-FLACSO (July 25-27, Quito, Ecuador)
- 2018 *Science and Environment in Chile*
Science and Democracy Network (June 27-30, Munich, Germany)
- 2018 *Environmental baseline studies as cultural practice*
Max Planck Institute for the History of Science (June 20-22, Berlin, Germany)
- 2018 *Environmental Rights in Court: Empirical Trends in Chile and Colombia*
Latin American Studies Association (May 23-26, Barcelona, Spain)
- 2018 *Community knowledges in the Courts*
International Studies Association (April 4-7, San Francisco, CA)
- 2018 *Lithium and Development Imaginaries in Chile, Argentina, and Bolivia*
American Society for Environmental History (March 14-18, Riverside, CA)
- 2017 *Whose Knowledge of Nature Counts?*
Society for the Social Studies of Science (Aug 30-Sept 2, Boston, MA)
- 2017 *Science and Democracy in Neoliberal (and Post-Truth?) Chile*
Conference on Political Economy and Research (Aug 29-30, Boston, MA)
- 2017 *Taking Energy to Court: Challenging Energy as Usual in Chile and Colombia*

- Latin American Studies Association (April 28-May 1, Lima, Peru)
- 2016 *Environmental reforms in post-dictatorship Chile*
International Studies Association (March 16-19, Atlanta, GA)
- 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)
- 2014 *Current topics in Latin American Environmental Politics*
Latin American Studies Association Conference (May 22-24, Chicago, IL)
- 2013 *Neoliberalism as Political Technology: Expertise, Energy and Democracy in Chile*
Society for the Social Studies of Science (October 9-12, San Diego, CA)
- 2013 *Environmental change through democratic reform: lessons from Chile, 1990-2010*
International Studies Association - WEST (September 27 – 28, Pasadena, CA)
- 2013 *Between 'fair' standards and 'discretionary' assessments: Chile's EIAs*
Latin American Studies Association (May 29 – June 1, Washington, DC)
- 2012 *Expertise in Crisis: the politics of choosing energy sources in Chile*
Science and Democracy Network (June 25-27, Paris, France)
- 2012 *Re-doubling best practices in Chilean environmental regulatory politics*
Environmental Studies and Science (June 23-24, Santa Clara, CA)
- 2012 *Regulating salmon's environment*
Latin American Studies Association (May 22-24, San Francisco, CA)
- 2011 *In Search of Democracy and Experts: Environmental Regulation in Chile*
Society for the Social Studies of Science (Nov. 2-5, Cleveland, OH)
- 2010 *Reaching for the Stars? Public returns to high-technology astronomy*
Latin American Studies Association (Oct. 6-9, Toronto, Canada)

- 2009 *How the processes of science and culture affect the construction of race in Chile*
Society for the Social Studies of Science (Oct. 28-31, Washington, DC)
- 2009 *Do Sectoral Differences Matter? Research at a For-profit University in Chile*
Science, Policy and Development (Sept. 15-17, Atlanta, GA)
- 2008 *Regulatory implications of the Berkeley nanomaterials disclosure ordinance*
Gordon Research Conference on Science Policy (Aug. 17-22, Big Sky, MT)
- 2007 *Local Disclosure Ordinances as Regulatory Catalysts: Early Insights from the Berkeley Nanoscale Materials Ordinance*
UC Santa Barbara, Nanotechnology and Society Conference on Occupational Health and Safety (Nov. 15-17, Santa Barbara, CA)

Panels Organized

- 2018 *Institutions and policies in extractive sectors* (with P. Cisneros)
International Studies Association-FLACSO (July 25-27, Quito, Ecuador)
- 2018 *From Environmental Governance to Sacred Practice* (with E. Bratman)
International Studies Association (April 4-7, San Francisco, CA)
- 2017 *Production, Destruction and Extractive Ecologies* (with T. Partridge)
Knowledge, Culture, Ecologies (November 15-18, Santiago, Chile)
- 2017 *Technologies as Rubble? Destabilizing Narratives of Progress* (with T. Partridge)
Society for the Social Studies of Science (August 29-Sept 2, Boston, MA)
- 2017 *Green state formation in Chile and Peru* (with J. C. Orihuela)
Latin American Studies Association (April 28-May 1, Lima, Peru)
- 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* (with I. da Costa Marques)
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)

Discussant

- 2017 *Technologies as Rubble? Destabilizing Narratives of Progress*
Society for the Social Studies of Science (August 29-Sept 2, Boston, MA)
- 2017 *When Rights Ring Hollow: Racism and anti-Racist Horizons in the Americas*
UCSB, departments of Chicano/a Studies, Anthropology and Global Studies
- 2016 *Global Rise of the Right?*
UCSB, Global Studies Student conference
- 2014 *Air Pollution: Citizen experiments and urban sustainability*
Universidad Católica de Chile, Santiago, Chile

SYMPOSIA & CONFERENCES ORGANIZED

- 2018 *Mellon Sawyer Seminar on Energy Justice in Global Perspective* (lead PI with M. Damluji, J. Walker, D. Pellow, and S. Miescher)
Year-long graduate and public seminar held at UCSB with invited speakers, public film events, field trips, and a two-day public conference to mark the 50th-anniversary of the 1969 Santa Barbara Oil Spill.
- 2016 *Production/Destruction: Latin American Environments* (with C. Walsh)
UC Santa Barbara, CA (April 8-9)
- 2015 *Energy Challenges in the Developing World*
UC Santa Barbara, CA (February 20)

CAMPUS TALKS

- 2017 *Lithium Dreamscapes*
Environmental Politics Working Group, Bren School, UCSB
- 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 Clemencon
- 2014 *Three Recent Experiments in Accountability in Chile*
Environmental Politics Working Group, Bren School, UCSB
- 2013 *Salmon Farming and the Politics of Knowledge in Chile*
Sawyer Seminar on the Oceans, invited by Professor Peter Alagona

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

Recent manuscript reviews [English]: *Economic Anthropology* (2015), *EIA Review* (2017), *Energy Research and Social Science* (2017), *Environmental Politics* (2018), *Environmental Science and Policy* (2018), *Environmental Impact Assessment Review* (2017), *Geoforum* (2015, 2017), *Global Environmental Politics* (2013, 2015), *Sociological Forum* (2017), *Tapuya* (2019).

Grant reviewer [English]: SSRC (2015, 2018), NSF (STS program) (2017).

Recent manuscript reviews [Spanish]: *Manguinhos* (2016).

Grant reviewer [Spanish]: Pontificia Universidad Católica del Perú (2017).

SERVICE TO THE DEPARTMENT

Undergraduate committee (2013-2019)

Global Studies Colloquium faculty supervisor (2017-18)

Graduate admissions committee (2016, 2015)

SERVICE TO THE CAMPUS

Graduate fellowships committee (2016-17)

Environmental Politics Working Group (2013-14)

Political Economy Hub (2016-18)

Energy Research Focus Group (2014-15)

PROFESSIONAL AFFILIATIONS

Society for the Social Studies of Science 4S (2009)

Latin American Studies Association LASA (2010)

International Studies Association ISA (2013)

American Society for Environmental History ASEH (2015)

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

LANGUAGES

English & Spanish, native

French, conversational