

Christopher M. Bacon

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Education

S.V. Ciriacy-Wantrup Postdoctoral Fellow, Department of Geography, University of California, Berkeley, 2008 – 2010

Ph.D. (Environmental Studies) University of California, Santa Cruz, 2005

B.A. (Economics) & B.A. (Environmental Studies), University of California, Santa Barbara, 1995

Experience

Academic

Associate Professor, Department of Environmental Studies and Sciences Santa Clara University, 2016 to present

Assistant Professor, Department of Environmental Studies and Sciences Santa Clara University, 2010 to 2016

Postdoctoral Fellow and Lecturer, Departments of Sociology and Latin American & Latino Studies, UC Santa Cruz, 2006 – 08

Related Professional Experiences

International project evaluation consultancies conducted in Latin America, the Caribbean, and the US, 2004 – 07
Clients included: Oxfam America; Twin Trading, UK; Lutheran World Relief; Just Works Consulting

Participatory Action Research Program Director, Community Agroecology Network, California, 2005 – 06

United States Peace Corps Volunteer, Environmental Education and Sustainable Agriculture, Estelí, Nicaragua, 1997– 99

Research Assistant, World Resources Report, World Resources Institute, Washington, DC, 1996 – 97

Grants, Awards, and Fellowships

Competitive externally funded grants

- Agropolis Foundation, France (Thought for Food Initiative). Assessment of Diversification Strategies in Smallholder Coffee Systems. 500,000 Eur. **Scientific Leads: Christopher M. Bacon** and V. Ernesto Méndez, UVM; Knowledge Exchange: Rose Cohen, CAN. Capacity Building: María Eugenia Flores Gómez, CAN. Coordinator: Martha Creswell. UVM. 2017 – 20.
- National Science Foundation, Geography and Spatial Sciences. RUI: Coping with Food and Water Insecurity: Producing Vulnerability or Resilient Responses to the Coffee Leaf Rust Outbreak and Mesoamerican Drought? \$272,555. **Principal Investigator: C.M. Bacon**, Co-Principal Investigators: W. Sundstrom, I Stewart-Frey, and E. Maurer, 2015 – 19.
- National Science Foundation, CCLI-Type 2 (Expansion). *Renewable Energy and Engaged Interdisciplinary Learning for Sustainability (REELS)*. Grant#: 0817589. University of California at Santa Cruz. \$150,000. PI: Ali Shakouri, Co-Principal Investigators: C.M. Bacon, M. DuPuis, B. Crow, and J. Cubby. 2008 – 10.
- Green Mountain Foundation to the Community Agroecology Network (CAN). Food Security and Sovereignty Nicaragua's Coffee Growing Regions, \$458,000 (funded through CAN, NGO). Project Design Lead 2010 – 13.
- Switzer Leadership Project Grant \$40,000. 2005-06.
- International Dissertation Fellowship, UC Center for Global Conflict and Cooperation. \$16,000. PI. 2002 – 03.
- Switzer Environmental Leadership Fellow \$13,000. Principal Investigator. 2001– 02.

Awards

- Bannan Faculty Fellow 2016-18 – Environmental Justice and the Common Good, Ignatian Center for Jesuit Education, SCU
- Awards earned by closely mentored undergraduate students at Santa Clara University (American Rhodes Scholar- 2015, US Fulbright Award 2013-14, University Valedictorian 2015, Udall Undergraduate Scholarship for Environmental Policy 2016)
- Switzer Foundation Leadership Project Award, 2005
- David Gaines Award, Department of Environmental Studies, UC Santa Cruz, 2002
- Switzer Foundation Environmental Leadership Fellow, 2001
- Outstanding Teaching Assistant Award, Environmental Studies, UC Santa Cruz, 2001
- Amigo del Medio Ambiente Reconocimiento, Club de Jóvenes Ambientalistas, Managua, Nicaragua, 1998
- Outstanding Service Award, Environmental Studies Program, UC Santa Barbara, 1995
- Graduated *Magna cum laude*, UC Santa Barbara, 1995
- Graduated with High Honors in Economics and High Honors in Environmental Studies, UC Santa Barbara, 1995

Publications

Edited Books

Méndez, V.E., **C.M. Bacon**, R. Cohen and S.R. Gliessman (Eds.) (2015) *Agroecology: A Transdisciplinary, Participatory and Action-oriented Approach*. Advances in Agroecology Series. CRC Press/Taylor and Francis

Bacon, C.M., V.E., Méndez, S. Gliessman, D. Goodman, and J.A. Fox (Eds.) (2008) *Confronting the Coffee Crisis: Fair Trade, Sustainable Livelihoods and Ecosystems in Mexico and Central America*. MIT Press: Cambridge, MA.

Peer Reviewed Journal Articles (undergraduate co-authors underlined>

Bacon, C.M. W. A. Sundstrom, I. T. Stewart, and D. Beezer (2017). Vulnerability to Cumulative Hazards: Coping with the Coffee Leaf Rust Outbreak, Drought, and Food Insecurity in Nicaragua, *World Development* (93): 136-152.

Bacon, C.M. and Baker, G. (forthcoming). The rise of food banks and the challenge of matching food assistance with potential need: towards a spatially specific, rapid assessment approach. *Agriculture Food and Human Values*.

Bacon, C. M. (2015). Food sovereignty, food security and fair trade: the case of an influential Nicaraguan smallholder cooperative. *Third World Quarterly*, 36(3), 469-488.

Goodall, K. E., **C. M. Bacon**, and V. E. Mendez (2015). Shade tree diversity, carbon sequestration, and epiphyte presence in coffee agroecosystems: A decade of smallholder management in San Ramón, Nicaragua. *Agriculture, Ecosystems & Environment*, 199: 200-206.

Bacon, C.M. W. A. Sundstrom, M. E. Flores Gómez, V. Ernesto Méndez, R. Santos, B. Goldoftas, & I. Dougherty (2014). Explaining the 'hungry farmer paradox': Smallholders and fair trade cooperatives navigate seasonality and change in Nicaragua's corn and coffee markets. *Global Environmental Change* (25): 133-149.

Jha, S., **C.M. Bacon**, S.M. Philpott, V.E. Méndez, R.A. Rice and P. Läderach (2014). Shade coffee: update on a disappearing refuge for biodiversity. *BioScience*. 64 (5): 416-428.

Stewart, I. T., **C. M., Bacon**, and W. D. Burke (2014). The uneven distribution of environmental burdens and benefits in Silicon Valley's backyard. *Applied Geography*. 55: 266-277.

Méndez, V.E., **C.M. Bacon** and R. Cohen (2013). Agroecology as a transdisciplinary, participatory and action-oriented approach. *Agroecology and Sustainable Food Systems*. 37(1): 3-18.

Chappell M.J., H. Wittman, **C.M. Bacon**, B.G. Ferguson, L. García-Barrios, R. García-Barrios, D. Jaffee, J. Lima, V.E. Méndez, H. Morales, L. Soto-Pinto, J. Vandermeer & I. Perfecto (2013) Food sovereignty: an alternative paradigm for poverty reduction and biodiversity conservation in Latin America. *F1000Research*, 2:235.

Kremen, C. Iles, A. and **C.M. Bacon** (2012). Diversified Farming Systems: An agroecological, systems-based alternative to modern industrial agriculture. *Ecology and Society* 17(4): 44.

- Bacon, C.M.**, C. Getz, S. Kraus, M. Montenegro, and K. Holland (2012). The social dimensions of sustainability and change in diversified farming systems. *Ecology and Society* 17(4): 41.
- Hanson, L., Terstappen, V., **C.M. Bacon**, J. Leung, A. Ganem-Cuenca, S.R. Diaz Flores, M.A.M. Rojas (2012). Gender, health, and Fairtrade: insights from a research-action programme in Nicaragua. *Development in Practice* 22: 164–179.
- Bacon, C. M.**, D. Mulvaney, T. B Ball, E. M DuPuis, S. R Gliessman, R. D Lipschutz, and A. Shakouri (2011). “The creation of an integrated sustainability curriculum and student praxis projects.” *International Journal of Sustainability in Higher Education* 12(2): 193-208.
- Tellman, B., L. C. Gray, and **C.M. Bacon** (2011). Not Fair Enough: Historic and Institutional Barriers to Fair Trade Coffee in El Salvador *Journal of Latin American Geography* 10(2): 107-127.
- Bacon, C.M.** (2010). Who decides what is fair in Fair Trade: Agri-Environmental Governance of Standards, Access and Price. *Journal of Peasant Studies* 37(1): 111–147.
- Bacon, C.M.** (2010). A Spot of Coffee in Crisis: Nicaraguan Smallholder Cooperatives, Fair Trade Networks and Gendered Empowerment Processes. *Latin American Perspectives*. 37(2): 50-71.
- Méndez, V.E., **C.M. Bacon**, M. Olson, K.S. Stillings and A.K. Shattuck (2010). Agrobiodiversity conservation and shade coffee smallholder livelihoods in Central America. *Professional Geographer*. 62(3): 357–376.
- Méndez, V. E., **C. M. Bacon**, M. Olson, K. S. Petchers, D. Herrador, et al. (2010). Effects of Fair Trade and organic certifications on small-scale coffee farmer households in Central America and Mexico. *Renewable Agriculture and Food Systems*: 1-16.
- Bacon, C.M.**, V. Ernesto Méndez, M.E. Flores Gómez, D. Stuart, S. R. Díaz F. (2008). Are Sustainable Coffee Certifications Enough to Secure Farmer Livelihoods? The Millenium Development Goals and Nicaragua's Fair Trade Cooperatives. *Globalizations* 5(2): 259 – 274.
- Bacon, C. M.** (2005). Confronting the Coffee Crisis: Can Fair Trade, Organic and Specialty Coffee Reduce Small-Scale Farmer Vulnerability in Northern Nicaragua? *World Development* 33(3): 497-511.
- Edited Volumes of Academic Journals**
- Bacon, C.M.**, S. DeVuono-Powell, M.L. Frampton, T. LoPresti, C. Pannu (Guest Eds.) (2013). Empowered Partnerships: Community-Based Participatory Action Research for Environmental Justice. *Environmental Justice*. 6(1 & 2).
- Méndez, V.E., **C.M. Bacon** and R. Cohen (Guest Eds.) (2013). Agroecology as a transdisciplinary, participatory and action-oriented approach. *Special Issue of Agroecology and Sustainable Food Systems*. 37(1).
- Kremen, C. A. Iles and **C.M. Bacon** (Guest Eds.). (2012) A Social-Ecological Analysis of Diversified Farming Systems: Benefits, Costs, Obstacles, and Enabling Policy Frameworks. *Ecology and Society* 17(4).
- Selected Peer Reviewed Book Chapters**
- Méndez, V.E., **C.M. Bacon**, and R. Cohen (2015) *Agroecology: a transdisciplinary, participatory and action-oriented approach*. In Méndez, V.E., C.M. Bacon, R. Cohen and S.R. Gliessman (Eds.) CRC Press.
- Bacon, C.M.**, R. Rice, and H. Maryanski, (2015). Fair Trade Coffee and Environmental Sustainability in Latin America. In Reynolds, L.T. and Bennett, E. (Eds.) *Handbook of Research on Fair Trade*. Edward Elgar: UK, 388-404.
- Jha, S., **C. M. Bacon**, S. M Philpott, R. A Rice, V. E Méndez, and P. Läderach (2011). A Review of Ecosystem Services, Farmer Livelihoods, and Value Chains in Shade Coffee Agroecosystems. In *Integrating Agriculture, Conservation and Ecotourism: Examples from the Field*, B. W Campbell and S. Lopez Ortiz (Eds.). Springer: Netherlands, 141-208.

Teaching

Instructor, Department of Environmental Studies and Sciences Santa Clara University, 2010 to present

- Environmental and Food Justice (includes community-based experiential learning for social justice component)
- Introduction to Environmental Studies
- Environmental Politics and Policy
- Political Ecology
- Internship and Professional Development Seminar
- Senior Capstone

Undergraduate Student Research Mentorship at Santa Clara University, 2010 to present

- Mentored more than 25 undergraduate students who have worked with me as research assistants, peer educators, co-authored academic publications, and/or asked me to serve on their honors thesis committees. Many of these students have won top awards within the University and beyond, including:
- Déjà M. Thomas, Udall Fellowship 2016-17, Aven P. Satre Meloy, American Rhodes Scholar for 2015 (Oxford School of Geography and the Environment 2015 - present, Fulbright Award Winner 2013-14; White House Intern in the Office of Domestic Policy); Hannah Maryanski, selected Valedictorian for class of 2015 (will join Jesuit Volunteer Corps); Nicholas Leasure, 2014 Peter-Hans Kolvenbach S.J. Award (awarded to one SCU graduating senior for being a whole person of solidarity in the real world and having the courage and faith to build a more just and humane world).

Instructor, Depts. of Latin American & Latino Studies, Engineering, and Sociology UC Santa Cruz, 2007-2008

- Latin American and Latino Studies: Action-Research for Social Change and Environmental Quality. Fall 2007.
- Sociology Development and Underdevelopment: Survival Strategies and Sustainability. Winter 2008.
- Sociology Social Justice. Winter 2008.
- Electrical Engineering: Renewable Energy Sources. TA and University-Community Partnership Coordinator. Spring 2008.

Instructor, Community Agroecology Network, UCSC, and partners, Intensive Agroecology Shortcourses, 2002 to present

- 10-12 day full time intensive courses for professionals and academics organized one year in Latin America and the US. Instructor, Course Coordinator and Academic Lead, Northern Nicaragua 2006, Repeated in July 2014.
- Lecturer and Co-Instructor, International Shortcourses in Agroecology, California, Costa Rica and Mexico - 2002 to present.

Service

Editorial Board Member, Journal of Agroecology and Sustainable Food Systems

Grant Proposal Reviews National Science Foundation (4); Canadian Social Science Research Council; Marsden Fund-Royal Society of New Zealand. *Book Proposal Reviews*, Elsevier Press; MIT Press (3) *Journal Manuscript Peer Reviews*: Journal of Peasant Studies (4); Global Environmental Change; World Development (4); Agriculture and Human Values (4); Ecological Economics; Frontiers in Ecology and the Environment; Conservation Biology; Environment and Development Economics; Globalisations, Journal of Agroecology and Sustainable Food Systems (3); Society and Natural Resources; Social Forces; Journal of Rural Studies (3); Food Policy, Professional Geographer; Elemental: Science of the Anthropocene; Agroforestry Systems; Environment and Planning A. International Journal of the Commons, PLOS – One,

Community Service

- Advisor and PhD Committee member: for two students in the Doctorado en Desarrollo Rural Territorial Sustentable in Rural. Universidad Nacional Autónoma de Nicaragua, Managua UNAN-Managua. 2013 to present
- Advisor for Curriculum Development: Agroecology and Sustainable Rural Development Masters in Science Degree Program, Universidad Nacional Agraria. Managua, Nicaragua.
- Adviser for strategic planning and policy. PRODECOOP Cooperative and ASDENCIC Estelí Nicaragua
- Community Agroecology Network, started the program in Nicaragua - helped to organize an international youth exchange focused on Food Security and gave a public lecture at National Autonomous University of Nicaragua, which had 180 attendees (July 2014).
- Specialty Coffee Association of America Coffeelands Food Security Coalition, which supports initiatives working on food security with coffee farmers. Technical Expert on Food Security, Sustainability Committee, Specialty Coffee Association of America (SCAA), (2013 to present), Technical Expert for the Gender Equity Initiative, Coffee Quality Institute, SCAA (2014 to present).