

**STEPHANIE J. BUECHLER**  
**Curriculum vitae**

**BUSINESS ADDRESS**

School of Geography and Development  
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Affiliated Faculty: Latin American Studies; Women's Studies, Institute of the Environment

**EDUCATION**

PhD 2001 Sociology Binghamton University Binghamton, NY  
(Title: Water and Guanajuato's *Ejido* Agriculture: Resource Access, Exclusion and Multiple Livelihood Strategies)

MPA 1992 Public Affairs Cornell University Ithaca, NY  
(Title: Strategizing in the Face of Industrial Restructuring: Women at Work in a Foreign-owned Garment Industry and at Home in Rural America)

BA 1989 Political Science Haverford College Haverford, PA

**AREAS OF TEACHING AND RESEARCH EXPERTISE**

Climate Change, Water Scarcity, and Gendered Adaptation Strategies; Youth and Climate Change; Gender, Water and Agriculture; Hydropower-Water Tradeoffs for Rural Livelihoods; Renewable Energy, Agriculture, Gender Linkages; Migration and Environmental Change Linkages; Gender and Work; International Development; Gender and Development; Environmental Sustainability and Development in the U.S. and Internationally; Rainwater Harvesting and Urban Sustainability; Urbanization/Environment/Livelihoods; Urban Heat Island in Southwest U.S. and Adaptation Strategies; Urban, Peri-urban and Rural Agriculture/Local Food Systems; Food Deserts in Urban Areas; Globalization; Food Security; Local Knowledge Systems; Labor in Global Assembly Plants and Linkages with Agricultural and Informal Sector Employment; Children and Labor; Applied Research; Qualitative Research Methodologies

**REGIONAL FOCI**

U.S. (Southwest and Northeast), Mexico (Central and Northwest), Bolivia, Honduras, India, Nepal

## EMPLOYMENT

- August 2013-present **Assistant Research Professor** (research track equivalent of tenure track), School of Geography and Development (SGD) and Udall Center for Studies in Public Policy. University of Arizona. Tucson, Arizona. Teaching courses entitled 'Field Practicum Analysis' and 'Foundations of Sustainable Development Practice' for SGD's Master's in Development Practice Program. Advise students on theses; connect them with local and international internships. Conducting research on gender, youth, climate change and water resource dynamics in agricultural communities in Sonora, Mexico for publications. Conducting research in Sonora and Zacatecas, Mexico and Tucson and rural Arizona.
- July 2009-July 2013 **Research Associate and Lecturer.** School of Geography and Development. The University of Arizona. Tucson, Arizona. Conducting research on gender, climate change and water resource dynamics in agricultural communities in Sonora, Mexico for book manuscript and journal articles. Conducting research and writing on urban canopy and water use for heat island mitigation in Tucson, Arizona with SGD colleagues. Conducting research on Rayon, Mexico for NSF project on human-environment interactions. Proposal writing on gender and climate change; urban agriculture. Teaching: Spring, Geog. 455/555 'Gender and Natural Resource Management in Latin America'; Fall, Geog. 302 Introduction to Sustainable Development. Affiliated faculty: Latin American Studies, Women's Studies.
- August 2006 – August 2009 **Research Associate.** Bureau of Applied Research in Anthropology (BARA). The University of Arizona. Tucson, Arizona. Conducting research on gender, climate change and water resource dynamics in agricultural communities in Sonora, Mexico near border for Fulbright grant. Collaborating with Colegio de Sonora faculty. Collaborating on cross-border migration and development proposals with institutions in Guanajuato, Mexico and the U.S. Proposal writing with faculty from research institutes and departments at U of A.
- January 2008 – May 2008 **Student Thesis and Independent Studies Advisor.** Center for Latin American Studies and Women's Studies Department. The University of Arizona. Thesis advisor on gender, development, agriculture and natural resources in Latin America. Guided independent study 'Field Application of Feminist Research Methodologies' for graduate student in Women's Studies.
- August – December 2007 **Adjunct Lecturer.** Center for Latin American Studies. The University of Arizona. Tucson, Arizona. Taught a new graduate course that I developed entitled 'Gender and Natural Resource Management in Latin America'. Gender and climate change, water resources, fisheries, forestry and agriculture topics.
- November 2005 – May 2006 **Research Fellow.** Urban Agriculture Network. Silver Spring, MD. Developed proposals for action research on urban experiments with Green Cities projects. Contributed to update of urban agriculture book with Jac Smit and Joe Nasr. Organized database of current literature on urban and peri-urban agriculture worldwide. Supervised American University student intern from Natural Resources and Sustainable Development program.

- Fall 2005 **Adjunct Lecturer.** Clark University. Worcester, MA. International Development, Community and Environment Program. Taught graduate student course entitled 'Food Security and Livelihoods in Comparative Perspective'.
- April 2004 – September 2005 **Research Social Scientist.** International Water Management Institute (publicly funded research center collaborating with universities and water and agriculture agencies), South Asia office, Hyderabad, India. Co-P.I. and primary author of successful proposal to German International Cooperation Ministry (BMZ) for Euros 800,000 (\$US 1 million) for multi-disciplinary research project: 'Ensuring Health & Food Safety from Rapidly Expanding Wastewater Irrigation in S. Asia'.
- October 2001 – April 2004 **Post-doctoral Researcher.** IWMI, Hyderabad, India. Research, workshop coordination, filmmaking, policy outreach, grant writing and supervision of research assistants, post doc (Rice University) and M.A. (ETH Switzerland) and B.A. (Cornell University) students. S. Asia coordinator for Resource Center for Urban Agriculture and Food Security, the Netherlands.
- 1997 – 2000 **Doctoral Researcher** (funded by IWMI) **and Co-editor of IWMI/Colegio de Postgraduados Book.** IWMI. Guanajuato, Mexico office. Socio- economic, policy aspects of canal, groundwater and wastewater irrigation.
- 1995 – 1997 **Adjunct Lecturer** ('Women's Work': 2 semesters; 'Latin American Women and their Communities').  
**Teaching Assistant** ('Social Deviance'). Binghamton University.
- 1994 **Consultant.** Coalition on Women and Credit, New York, New York. Two consultancies in La Paz, Bolivia. May-September.
- 1992 – 1993 **Project Director Urban Microenterprise Development.** Caritas. Tegucigalpa, Honduras. Project participants: women and youth from low-income *barrio*.
- 1992 **Researcher.** Appropriate Technology International (ATI) (renamed Enterprise Works Worldwide). Washington D.C.

## PUBLICATIONS

### Work in Review

Stephanie Buechler and America Nallely Lutz. Intersectionality and youth's livelihood decision-making in a Mexican rural community facing environmental and socio-economic change. Manuscript in review.

### Books and Monographs

Stephanie Buechler and Anne-Marie Hanson (eds). 2015. A Political Ecology of Women, Water and Global Environmental Change. London: Routledge.

Stephanie Buechler and Emma Zapata (eds.). 2000. Género y Manejo de Agua y Tierra en Comunidades Rurales de México. [Gender and the Management of Water and Land in Mexican Rural Communities]. Serie Latinoamericana. Mexico, D.F.: International Water Management Institute and the Colegio de Postgraduados, Montecillo.

### Refereed Articles and Book chapters

Leigh-Anne Schmidt and Stephanie Buechler. 2017. "I risk everything because I have already lost everything." Central America Women and Girls Speak Out on the Migrant Trail in Oaxaca, Mexico. *Journal of Latin American Geography*, 16(1): 139-164.

Stephanie Buechler. 2016. Gendered Vulnerabilities and Grassroots Adaptation Initiatives in Home Gardens and Small Orchards in Northwest Mexico. Special Issue: 'Gender perspectives in resilience and adaptation to global change research'. *Ambio a Journal of the Human Environment*, 45(3), 322-334.

Iniesta-Arandia, I., Ravera, F., **Buechler, Stephanie**, Díaz-Reviriego, I., Fernández-Giménez, M.E., Reed, M.G., Thompson-Hall, M., Wilmer, H., Aregu, L., Cohen, P. and Djoudi, H., 2016. A synthesis of convergent reflections, tensions and silences in linking gender and global environmental change research. *Ambio a Journal of the Human Environment*, 45(3), pp.383-393.

Stephanie Buechler, D. Sen, N. Khandekar and C.A. Scott. 2016. Re-Linking Governance of Energy with Livelihoods and Irrigation in Uttarakhand, India. *Water*, 8(10)437. DOI:10.3390/w8100437.

Stephanie Buechler. 2016. Ethnographic Immersions and Local Collaborations in the Study of Globalization and Environmental Change. Ethnographic Collaborations In Latin America. June Nash and Hans Buechler (eds). Palgrave MacMillan.

Stephanie Buechler. 2015. Climate-Water Challenges and Adaptation Strategies of Women in a Riparian Community in Sonora, Mexico. Pp. 99-117. In: Stephanie Buechler and Anne-Marie Hanson (eds). A Political Ecology of Women, Water and Global Environmental Change. London: Routledge.

Anne-Marie Hanson and Stephanie Buechler. 2015. Towards a Feminist Political Ecology of Women, Global Change and Vulnerable Waterscapes. Pp. 1-16. In: Stephanie Buechler and Anne-Marie Hanson (eds). A Political Ecology of Women, Water and Global Environmental Change. London: Routledge.

Stephanie Buechler, Anne-Marie Hanson, Diana Liverman and Miriam Gay-Antaki. 2015. Advancing Multi-disciplinary Scholarship on Gender, Water and Environmental Change through Feminist Political Ecology. Pp. 226-245. In: Stephanie Buechler and Anne-Marie Hanson (eds). A Political Ecology of Women, Water and Global Environmental Change. London: Routledge.

Leigh Anne Schmidt and Stephanie Buechler. 2015. Honduran Boys Confronting Adversity: Urban Multi-locality and Kin Mobilization. *Children's Geographies*. 13(4):482-495. DOI: 10.1080/14733285.2014.890390.

Christopher Scott and Stephanie Buechler. 2013. Environmental and Social Change in the U.S. Mexico Borderlands: Climate, Water, and Demographic Futures. *Ecosphere*. 4(1):1-16.

- Stephanie Buechler. 2012. "Gendered Fruit and Vegetable Home Processing Near the U.S.-Mexico Border: Climate Change, Water Scarcity and Noncapitalist Visions of the Future" pp. 121-141 in María Luz Cruz Torres and Pamela McElwee (eds.) Gender and Sustainability: Lessons from Asia and Latin America. University of Arizona Press.
- Stephanie Buechler and Gayathri Devi. 2012. "Highlighting the User in Wastewater Research: Gender, Caste and Class in the Study of Wastewater-dependent Livelihoods in Hyderabad, India" pp. 337-364 in Sara Ahmed, Suman Rimal Gautam and Margreet Zwartveen (co-eds.) Diverting the Flow: Gender Equity and Water in South Asia. New Delhi: Zubaan Books.
- Stephanie Buechler. 2009. "Gender, Water and Climate Change in Sonora, Mexico" pp. 71-86 in Geraldine Terry (ed.) Climate Change and Gender Justice. Practical Action Publishing and Oxfam, Great Britain.
- Stephanie Buechler. 2009. "Gender, Water and Climate Change in Sonora, Mexico: Implications for Policies and Programmes on Agricultural Income Generation". Special Issue on Climate Change for journal *Gender and Development*. 17(1): 51-66.
- Stephanie Buechler. 2009. "Gender Dynamics of Fruit and Vegetable Production and Processing in Peri-urban Magdalena, Mexico" pp. 181-198 in Alice Hovorka, Henk de Zeeuw and Gordon Prain (eds.) Women Feeding Cities. RUAF Urban Agriculture Programme. RUAF Foundation. Leusden, the Netherlands and the International Development Research Centre (IDRC), Ottawa, Canada.
- Gayathri Devi and Stephanie Buechler. 2009. "Gender Dimensions of Urban and Peri-urban Agriculture in Hyderabad, India: A Case Study" pp. 35-50 in Alice Hovorka, Henk de Zeeuw and Gordon Prain (eds.) Women Feeding Cities. RUAF Urban Agriculture Programme. RUAF Foundation. Leusden, the Netherlands and the International Development Research Centre (IDRC), Ottawa, Canada.
- Thomas Rutkowski, Liqa Raschid-Sally and Stephanie Buechler. 2007. "Wastewater Irrigation in the Developing World -Two Case Studies from the Kathmandu Valley, Nepal". *Agricultural Water Management*. 88(1-3):83-91.
- Stephanie Buechler and Christopher Scott. 2006. Contributors to Chapter 4 'Water Scarcity, Risk and Vulnerability' pp. 133-170. The 2006 Human Development Report -Beyond Scarcity: Power, Poverty and the Global Water Crisis. United Nations Development Program (UNDP). New York.
- Stephanie Buechler and Christopher Scott. 2006. Wastewater as a Controversial, Contaminated yet Coveted Resource in South Asia. Occasional Paper Series. Human Development Report Office. UNDP. 9 pp.
- Stephanie Buechler, Gayathri Devi and Ben Keraita. 2006. "Wastewater Use for Urban and Peri-urban Agriculture" pp. 241-272 in Henk de Zeeuw, Marielle Dubbeling and Rene van Veenhuizen (eds.) Cities Farming for the Future. RUAF Foundation. Leusden, the Netherlands, Institute of Rural Reconstruction and International Development Research Centre, Canada.
- Stephanie Buechler and Gayathri Devi Mekala. 2005. "Local Responses to Water Resource Degradation in India: Groundwater Farmer Innovations and the Reversal of Knowledge Flows". Special issue on water. *Journal of Environment and Development*. (14) 4: 410-438.
- Liqa Raschid-Sally, Richard Carr and Stephanie Buechler. 2005. "Livelihoods and Sanitation Solutions for Poor Countries through Wastewater Agriculture". Special Issue on Wastewater Irrigation of the International Commission on Irrigation and Drainage (ICID) *Journal Irrigation and Drainage*. 54(1):11-22.

- Stephanie Buechler. 2005. "Women at the Helm of Irrigated Agriculture in Mexico: the Other Side of Male Migration" pp. 170-189 in Vivienne Bennett, Sonia Dávila Poblete and Maria Nieves Rico (eds.). Opposing Currents: The Politics of Water and Gender in Latin America. University of Pittsburgh Press.
- Christopher Scott, Paula Silva, Stephanie Buechler and Tushaar Shah. 2004. "Energy Pricing and Supply for Groundwater Demand Management: Lessons from Mexican Agriculture" pp. 201-228 in Cecilia Tortajada and Ricardo Sandoval (eds.). Hacia una Gestión Integral del Agua en México: Retos y Alternativas Mexico: Porrúa Publishers.
- Stephanie Buechler. 2004. "A Sustainable Livelihoods Approach for Action Research on Wastewater Use in Agriculture" pp. 25-40 in Christopher Scott, Naser Faruqi and Liqa Rachid-Sally (eds.) Wastewater Use in Irrigated Agriculture: Confronting the Livelihood and Environmental Realities. CABI press.
- Stephanie Buechler and Gayathri Devi. 2003. "Wastewater as a Source of Multiple Livelihoods? A Study of a Rural Area near Hyderabad City, Andhra Pradesh, India" pp. 939-948 in Rema Devi and Naved Ahsan (eds.). Water and Wastewater: Developing Country Perspectives. London, U.K.: International Water Association.
- Stephanie Buechler. 2002. "Irrigated Agriculture on Mexican Ejidos: Complementarities with Off-farm and Non-farm Economic Strategies" pp. 125-142 in Scott Whiteford and Roberto Melville (eds.). Managing a Sacred Gift: Changing Water Management Strategies in Mexico. La Jolla: Center for U.S.-Mexican Studies, Univ. of California, San Diego.
- Stephanie Buechler and Christopher Scott. 2000. "Para Nosotros, Esta Agua es Vida". El Riego en Condiciones Adversas: Los Usuarios de Aguas Residuales en Irapuato, México" ["Irrigation under Adverse Conditions: Wastewater Users in Irapuato, Mexico"] pp. 135-154 in Christopher Scott, Philippus Wester and Boris Marañón (eds.). Asignación, Productividad y Manejo de Recursos Hídricos en Cuencas [Allocation, Productivity and Management of Water Resources]. Guanajuato. International Water Management Institute.
- Stephanie Buechler and Emma Zapata. 2000. "Introducción" [Introduction] pp. 1-10 in Stephanie Buechler and Emma Zapata (eds.). "Anduve Detrás de Todo a la Corre y Corre..." Género y Manejo de Agua y Tierra en Comunidades Rurales de México". [Gender and Water and Land Management in Rural Mexican Communities]. Serie Latinoamericana. Mexico, D.F.: International Water Management Institute and the Colegio de Postgraduados, Montecillo.
- Stephanie Buechler. 2000. "Allí Andan Haciendole La Lucha". El Trabajo de Mujeres, Niñas, Niños y Hombres en Parcelas Irrigadas de Guanajuato en Tiempos de Crisis" ["There they are Struggling Along" Women, Children and Men's Work in Guanajuato in Times of Crisis"] pp. 41-70 in Stephanie Buechler and Emma Zapata (eds.) Género y Manejo de Agua y Tierra en Comunidades Rurales de México. Serie Latinoamericana. Mexico, D.F.: International Water Management Institute and the Colegio de Postgraduados, Montecillo.
- Shelley Feldman and Stephanie Buechler. 1998. "Negotiating Difference: Constructing Selves and Others in a Transnational Apparel Manufacturing Firm". *The Sociological Quarterly*. 39(4): 623-644.
- Hans Buechler, Judith-Maria Buechler, Simone Buechler and Stephanie Buechler. 1998. "Financing Small-scale Enterprises in Bolivia" pp. 83-108 in Lynne Phillips (ed.) The Third Wave of Modernization in Latin America-Cultural Perspectives on Neoliberalism. Jaguar Books. Delaware: Scholarly Resources, Inc.

## Films

Stephanie Buechler, Gayathri Devi and Rama Devi (Directors). 2003. "Making a Living along the Musi River: Wastewater Users in and around Hyderabad City, India." Documentary film co-produced by the International Water Management Institute, the Department for International Development, UK and the Resource Center for Urban Agriculture and Food Security Foundation, the Netherlands. 35 minutes. [Aired May 2004 on national television in India].

Stephanie Buechler. (Director). 1994. 'Doña Avelina, a Bolivian Artisan: Credit and Production'. Documentary film co-produced by the Coalition on Women and Credit, New York and Banco Solidario, La Paz, Bolivia for the U.N. Fourth World Conference on Women, Beijing, China. Thirty minute and fifteen minute versions.

## Policy Briefs

Stephanie Buechler, Daoqin Tong, Chloe Hein and Ashley Erbe. May 2017. Benefits and Barriers to Low-income Populations' Participation in Urban Agriculture. A Policy Brief developed for the Haury Project 'Greening the Food Deserts of Tucson, Arizona'. 4 pp. Available at: <https://geography.arizona.edu/greeningfooddeserts>.

Stephanie Buechler. December 2016. Promoting Gender Inclusiveness and Empowerment in Hydropower Development. A Policy Brief developed for the HI-NEX project. 2 pp. Available at: [http://aquasec.org/himalayas/wp-content/uploads/2017/01/WLE\\_Template-Gender-Hinex-Alina-edits.pdf](http://aquasec.org/himalayas/wp-content/uploads/2017/01/WLE_Template-Gender-Hinex-Alina-edits.pdf)

## Reports, Blogs, Published Proceedings and Minor Publications

Stephanie Buechler and Christopher Scott. 2017. Growing Food in the City: Low-income Farmers in the 'Global North' versus the 'Global South'. A blog for URBANET. <http://www.urbanet.info/growing-food-in-the-city/>

Stephanie Buechler. February 2017. Women's Adaptation to Climate Change in Home Gardens in San Ignacio, Sonora, Mexico. 8 pp. Improving impact by interlinking gender, geographic, disciplinary and educational dimensions. Published Proceedings of the Gender Summit 8, North and Latin America. 28-29 April 2016, Mexico City, Mexico. <http://gendersummit8.com/proceedings>.

Daoqin Tong, Stephanie Buechler and Katharine Bao. 2016. A Comprehensive Food Access Analysis in Tucson. Making Action Possible in Southern Arizona (MAP Dashboard) White Paper. February 25. [http://mapazdashboard.arizona.edu/sites/default/files/images/a\\_comprehensive\\_food\\_access\\_analysis\\_in\\_tucson\\_final.pdf](http://mapazdashboard.arizona.edu/sites/default/files/images/a_comprehensive_food_access_analysis_in_tucson_final.pdf)

Stephanie Buechler, Stephen Yool and Christopher Scott. April 2012; May 2013; October 2013. Progress Reports for Bureau of Reclamation. 'Arid Cities in Changing Climates: Urban Land and Water Use in the Desert Southwest'.

Stephanie Buechler. May issue 2011. Book review of Urban Climate Change Crossroads. Richard Plunz and Maria Paola Sutto (eds.). Ashgate, 2010, pp. 172 for *The Professional Geographer*.

Agathe Euzen and Stephanie Buechler. 2010. Household-level Water Use Patterns in a Growing Urban Area: the case of Tucson. Report for PUF, PIRVE and the Udall Center of the University of Arizona. October.

- Tushaar Shah, Christopher Scott and Stephanie Buechler. 2004. "Water Sector Reforms in Mexico: Lessons for India's New Water Policy". *Economic and Political Weekly*. January 24.
- Emma Zapata Martelo and Stephanie Buechler. 2003. "Las mujeres en los sistemas de riego" [Women in Irrigation Systems]. In: Memorias del Foro Internacional. Rehabilitación, Conservación y Manejo de Ecosistemas. [Proceedings of International Workshop on Rehabilitation, Conservation and the Management of Ecosystems] Mexico: Colegio de Postgraduados, INSTRUC and Canadian International Development Agency.
- Stephanie Buechler and Gayathri Devi. 2003. "Farmer Innovations Among Groundwater Users in Wastewater Irrigated Areas near Hyderabad, India". Published Proceedings of the 8<sup>th</sup> International Conference on Water Conservation and Reuse of Wastewater. Indian Water Works Association.
- Stephanie Buechler and Gayathri Devi. 2003. "Household Food Security and Wastewater-dependent Livelihood Activities Along the Musi River in Andhra Pradesh, India". Report submitted to the World Health Organization (WHO), Geneva, Switzerland and background paper for 2006 World Health Organization's publication Health Guidelines for the Use of Wastewater in Agriculture and Aquaculture (see [http://www.who.int/water\\_sanitation\\_health/wastewater/gsuww/en/index.html](http://www.who.int/water_sanitation_health/wastewater/gsuww/en/index.html) and [http://www.who.int/water\\_sanitation\\_health/wastewater/gwwufoodsecurity.pdf](http://www.who.int/water_sanitation_health/wastewater/gwwufoodsecurity.pdf)).
- Stephanie Buechler, Gayathri Devi and Liqa Raschid-Sally. 2002. "Livelihoods and Wastewater Irrigated Agriculture Along the Musi River in Hyderabad City, Andhra Pradesh, India". *Urban Agriculture Magazine*. 8:14-17.
- Stephanie Buechler, Wilfrid Hertog and René van Veenhuizen. 2002. "Wastewater Use for Urban Agriculture". Editorial article. *Urban Agriculture Magazine*. 8:1-4.
- Stephanie Buechler and Martha Meneses. 1994. Con La Cabeza Hay Que Hablar-Estudio de Impacto del Efecto del Crédito en las Microempresas de las Mujeres Clientes del Banco Solidario. [One has to speak with one's head-Impact Study of Credit and Microenterprises among Female Clients of the Solidarity Bank] La Paz, Bolivia. A consultancy report prepared for the Coalition on Women and Credit, New York, New York.

## **SELECTED CONFERENCE AND OTHER PRESENTATIONS**

(\* Indicates Invited Paper)

Stephanie Buechler, Daoqin Tong, Chloe Hein and Ashley Erbe. Presenter. Desert Food Production, Community Gardens and Social Justice in Tucson, Arizona. Paper Presented on the panel 'Food system transitions: Concepts, pathways, examples'. Annual Meeting of the American Association of Geographers. April 2017. Boston, Massachusetts.

Stephanie Buechler. Discussant. My Current Research on Latin America and How it Challenges Injustice and Inequalities. Presented as part of Roundtable 'Critical Geographies in Latin America'. Annual Meeting of the American Association of Geographers. April 2017. Boston, Massachusetts.

Stephanie Buechler. Presenter. Estudiando Medios de Vida en Comunidades Rurales de Sonora, Mexico desde la Perspectiva de Género, Edad y Cambio Medioambiental [Studying Livelihoods in Rural Sonora, Mexico from the Perspective of Gender, Age and Environmental Change]. Presentation for International Meeting of the Red De

Genero Sociedad y Medio Ambiente [Gender, Society and Environment Network]. Presentation via Skype Oct. 19, 2016. From Tucson, Arizona to Mexico City, Mexico.\*

Stephanie Buechler. Speaker. Governance, Livelihoods and Gender Issues in Run-of-the-River Hydropower Project Areas in Uttarakhand, India. *Women and Gender in International Development Program Speaker Series*, Virginia Tech University, October 13, 2016. Blacksburg, Virginia.\*

Stephanie Buechler. Presenter. Gendered Adaptation to Water Resource Pressures and Climate Change in Home Gardens and Small Orchards in San Ignacio, Sonora, Mexico. Presented on Panel 'Sex and gender knowledge improving water management'. Gender Summit 8. April 29, 2016. Mexico City, Mexico.\*

Stephanie Buechler. Social and Environmental Justice, Food Access and Security with Urban Agriculture in Tucson, Arizona. Participant in Roundtable Closing Panel for Symposium Entitled: No One Is Immune: Social Justice, Climate Change, and Health. College of Public Health. University of Arizona. April 15, 2016. Tucson, Arizona.\*

Stephanie Buechler. Chair and Co-organizer with Monica Ogra and Emily Billo of Double Panel: 'Intersectional Research on Gender & the Environment: Theory, Methods, and Practice-a Panel-audience Discussion'. Annual Meeting of the American Association of Geographers. March-April 2016. San Francisco, California.

Stephanie Buechler. Studying Intersectionality Issues in Gender and Environmental Research in the U.S., Mexico and India. Paper presented on panel I co-organized 'Intersectional Research on Gender & the Environment: Theory, Methods, and Practice-a Panel-audience Discussion I'. Annual Meeting of the American Association of Geographers. March-April 2016. San Francisco, California.

Stephanie Buechler. Agua, Cambio Climático y Adaptación entre Mujeres Productoras de Queso y Hombres Rancheros de Rayón, Sonora, Mexico. Presented via Skype for the Symposium: 'Transponiendo las fronteras del Cambio Ambiental Global. Enfoques interdisciplinarios sobre vulnerabilidad, adaptación y servicios ecosistémicos'. September 24, 2015. Mendoza, Argentina.\*

Stephanie Buechler. Chair of Panel: '*A Political Ecology of Women, Water and Global Environmental Change: a Panel-audience Discussion of Current Contributions to Feminist Environmental Research*'. Annual Meeting of the American Association of Geographers. April 2015. Chicago, Illinois.

Stephanie Buechler and América Lutz Ley. Co-Presenter. Exploring Age, Gender, Education and Employment Linkages in a Climate-Water Stressed Rural Community in Northwest Mexico. Paper presented on panel 'Climate Change Adaptation and Gender'. Annual Meeting of the American Association of Geographers. April 2015. Chicago, Illinois.

Stephanie Buechler and América Lutz Ley. Co-Presenter. Female and Male Youth's Education and Labor-Related Choices in a Changing Environment in a Ranching Community in Sonora, Mexico. Oceans and Deserts Conference. University of Arizona. March 2015. Tucson, Arizona.\*

Stephanie Buechler. Moderator and Discussant on Panel: 'The Effects of Mining on Women and their Communities and Opportunities to Take Action with Oxfam as a Sister on the Planet'. International Women's Day Conference. February 2015. Seattle, Washington.\*

Stephanie Buechler. Presenter. Age and Gender in Decision-making under Changing Economic and Environmental Conditions in an Agricultural Community in Sonora, Mexico. Co-authored with América Lutz Ley. Globalization, Gender and Development Conference. University of Oregon. October 2014. Eugene, Oregon. \*

Stephanie Buechler and Nathan Herrera. Co-presenter. Care Work and Place-making to Combat Isolation: Urban Community Gardening and Rainwater Harvesting among the Elderly and Disabled in a 'Food Desert' in Tucson, Arizona. Association of Pacific Coast Geographers annual meeting. September 2014. Tucson, Arizona.

Leigh-Anne Schmidt and Stephanie Buechler. "I risk everything because I have already lost everything." Las Mujeres Luchadoras: Central America Women and Girls Speak Out on the Migrant Trail in Oaxaca, Mexico. Association of Pacific Coast Geographers annual meeting. September 2014. Tucson, Arizona.

Stephanie Buechler and Christopher Scott. Presenter. Local Decision-making for Adaptation to the Urban Heat Island: Governance Responses to Climate Change in the U.S. Southwest. Water resources: Monitoring, Integrated assessment and Management. IAHS. June 2014. Bologna, Italy.

Christopher Scott and Stephanie Buechler. Co-author. Socio-hydrology of water scarcity in the United States-Mexico borderlands. Panel: Floods, droughts and water risks in a changing socio-hydrological context: Feedbacks between water resources and social systems. IAHS. June 2014. Bologna, Italy.

Stephanie Buechler. Presenter. Womens' Strategies in Riparian Communities in Sonora in the Face of Increasing Precarization of Food Processing and Farming Livelihoods. Presentation for the Precarity Lecture Series, University of Illinois, Chicago. April 24, 2014. Chicago, Illinois.\*

Stephanie Buechler. Presenter. Women, Water and Environmental Change. Oceans and Deserts Conference. University of Arizona. February 2014. Tucson, Arizona.\*

Stephanie Buechler. Presenter. Social Justice and Women Cheese Producers in Changing Climate-Water Conditions in Sonora, Mexico. Social Justice and Climate Change Event. Ohio State University. October 2013. Columbus, Ohio.\*

Stephanie Buechler. Presenter. Knowledge Sharing and Innovation among Tucson, Arizona's Rainwater Harvesters. Paper to be presented on panel: 'The Role of User Organizations in the Management of Water Resources and Production: Economic and Legal Systems'. International Symposium on Water, Productivity and Economic Development. June 2013. Mendoza, Argentina.\*

Stephanie Buechler. Chair and Presenter. Climate-Water Challenges and Adaptation Strategies of Women In Three Riparian Communities of Sonora, Mexico. Paper presented on panel: 'Environmental Governance, Discourse and Debate'. Latin American Studies Association Congress. May 2013. Washington, D.C.

Stephanie Buechler and Anne-Marie Hanson. Moderator and Organizers, for Double Session 'Feminist Political Ecology of Rivers, Watersheds, Wetlands and Coastal Environments.' Annual Meeting of the American Association of Geographers. April 2013. Los Angeles, California.

Stephanie Buechler. What Difference Does a Gender Lens Offer: Climate Change, Water Scarcity and Gendered Agricultural Processing near the U.S.-Mexico Border. Paper presented on panel 'What Difference Does a Gender Lens Offer'. Climate Adaptation Futures Conference. May 2012. Tucson, Arizona.

Stephanie Buechler, Eleanor McCallum, Francisco Alvarado, Stephen Yool, Christopher Scott and Ashley Schmeltzer. Knowledge Sharing for Adaptation to the Urban Heat Island and to Climate Change in Arid Cities: the Case of Tucson, Arizona. Paper presented on panel 'Urban Adaptation 2'. Climate Adaptation Futures Conference. May 2012. Tucson, Arizona.

Stephanie Buechler. Gender and Climate Change on the U.S.-Mexico Border. Paper presented on panel 'Global Environmental Projects, Local Impacts' Chair: Sherrie Bayer. Latin American Studies Association Congress. May 2012. San Francisco, California.

Stephanie Buechler. Climate, Water and Globalization: Responses of Women on the U.S.-Mexico Border. Paper presented on panel 'Popular Responses to Globalization: Dislocations in Space and Time-A Panel in Honor of the Memory of Judith-Maria Buechler. Chair: June Nash. Annual Meeting of the American Ethnological Association. April 2012. New York, New York.\*

Stephanie Buechler, Eleanor McCallum, Francisco Alvarado, Stephen Yool, Christopher Scott and Ashley Schmeltzer. Tackling Urban Heat Island Effects in an Arid City: Local Knowledge and Knowledge Sharing. Paper presented on panel 'Social Cohesion and Sustainable Development: Finding Missing Links through Comparative Analysis'. Chair: Carmen Maganda. Annual Meeting of the American Association of Geographers. February 2012. New York, New York.

Stephanie Buechler. Women's Negotiation of the Sonora-Arizona Border: Change and Continuity in an Agricultural Community. Paper to be presented on panel 'Living on the Edge: Borders and Women's Lives'. Chair: Ellen Hansen. Annual Meeting of the American Association of Geographers. April 2011. Seattle, Washington.

Stephanie Buechler, Christopher Scott, Stephen Yool, Morgan Apicella and Ashley Schmeltzer. Remote Sensing, Urban Structure and Water Demand: Characterizing the Arid City. Paper presented on panel 'Urban GIS Applications'. Chair: Monika Moskal. Annual Meeting of the American Association of Geographers. April 2011. Seattle, Washington.

Stephanie Buechler. Recession and Mexico-U.S. Migration: Economic and Cultural Change among Return Migrants to Sonora. Paper presented on panel I moderated 'The Vagaries of Neo-liberalism: Migration, Economics and Multiculturalism in Bolivia, Brazil and Mexico'. Latin American Studies Association Congress. October 2010. Toronto, Canada.

Stephanie Buechler. Migration in a Mexican Border Community in the Context of Economic, Political and Environmental Dislocations. Paper presented on panel I moderated 'Migration, Communities, and Economic Crises'. International Sociological Association Meetings. July 2010. Gothenburg, Sweden.

Stephanie Buechler. Climate Change, Water Scarcity and the Making of Place-Gender and Agricultural Processing near the Mexico-U.S. Border. Paper presented on panel 'Gender and Climate Change – Pitfalls, Possibilities and Realities'. Chairs: Farhana Sultana and Joni Seager. Annual Meeting of the American Association of Geographers. April 2010. Washington, DC.

Stephanie Buechler. Gender and Climate Change. Presentation as part of the International Women's Day Congressional Education and Advocacy Days organized by Oxfam America and the Sisters on the Planet Team. March 2010. Washington, DC.\*

Agathe Euzen and Stephanie Buechler. The Evolution of Household Water Consumption in a Semi-arid City. Paper presented on panel 'The Political Ecology of Water'. Chair: Kenna Noone-Kirkpatrick. Annual Meeting of the Society for Applied Anthropology. March 2010. Merida, Mexico.

- Stephanie Buechler. The Effect of Climate Change and Water Scarcity on Gendered Fruit and Vegetable Production and Processing in Sonora, Mexico near the Mexico-U.S. Border. Paper presented on panel 'Water Wars: Water as a Commodity or as a Human Right'. Chair: June Nash. Americanist Meetings. July 2009. Mexico City. \*
- Stephanie Buechler. Mexico-U.S.-Mexico Migration in the Context of Economic Crisis? Cases from Guanajuato and Sonora, Mexico. Paper presented on panel 'Immigrants and the Rescaling of Governance during Times of Economic and Political Crises'. Conference: 'Reconceptualizing Migration: Economies, Societies, Biopolitics', sponsored by the Committee on Global Thought (CGT) at Columbia University, Professor Joseph Stiglitz, chair. April 2009. New York City.\*
- Stephanie Buechler. Water Resources, Migration and Dynamic Gendered Livelihoods on the Mexican border with the United States. Paper presented on panel 'Migratory Studies' for Mid-term Reunion of Fulbright Scholars. February 2009. Mexico City.\*
- Stephanie Buechler. Sustainability and Gendered Agricultural Production in the Context of Water of Scarcity and Climate Change on the Mexican Border with the United States. Paper presented on panel 'Gender and Sustainability' at the American Anthropological Association Annual Meetings. Nov. 2008. San Francisco, Ca. \*
- Stephanie Buechler. Water Scarcity Implications for Agriculture, Development and Migration near Magdalena, Sonora, Mexico. Paper presented on panel 'El Impacto de la Migración en el Desarrollo Local' at the Latin American Studies Association Congress. September 2007. Montreal, Canada. \*
- Stephanie Buechler and Gayathri Devi. Spatial and Gender Dynamics of the Effects of Growing Urban Areas on Irrigated Agriculture in Central Mexico and South India. Paper presented on panel 'Gender Geographies of Water' at the American Association of Geography Annual Meetings. April 2007. San Francisco. \*
- Stephanie Buechler and Gayathri Devi. "Highlighting the User in Wastewater Research: Gender, Caste and Class in the Study of Wastewater Management in Hyderabad, India". Paper presented at workshop on gender and water funded by SaciWaters, Hyderabad and Wageningen University. October 2006. Hyderabad, India. \*
- Stephanie Buechler and Gayathri Devi. "Local Responses to Water Resource Degradation: Innovations of Groundwater Farmers in a Rapidly Urbanizing Area of India". American Sociological Association Annual Meetings. August 13-16, 2005. Philadelphia.
- Stephanie Buechler. "Male Migration and Female Producers, the Case of Guanajuato, Mexico". Latin American Studies Association Congress. September, 2001. Washington, D.C.
- Stephanie Buechler. "Las Mujeres Productoras, el Riego y la Migración Masculina en Guanajuato". Presented as part of panel chaired by Stephanie Buechler entitled 'Género y Agua en el Ámbito Rural' for the Latin American Association of Rural Sociology (ALASRU). June, 2001. Zacatecas, Mexico.
- Stephanie Buechler. "For Us, This Water is Life, Irrigation under Adverse Conditions: Wastewater Users in Irapuato, Mexico". Rural Sociological Society Annual Meetings. August, 2000. Washington, D.C.
- Stephanie Buechler. "El Trabajo de las Mujeres, Niños y Hombres en Parcelas Pequeñas Bajo Riego en Tiempos de Crisis". Presented on panel 'Las Políticas de Cambio Estructural en el Campo Mexicano: Escenarios y Respuestas'. Latin American Studies Association, International Congress. March, 2000. Miami.
- Stephanie Buechler. "Irrigated Agriculture on Mexican *Ejid*os: Complementarities with Off-farm Economic Strategies". Presented on panel chaired by Stephanie Buechler, 'Water, the Environment and Gender Relations in Mexican

Households'. Latin American Studies Association, International Congress. September 1998. Chicago.

## RESEARCH AND FIELDWORK

- July 2017- Towards Improved Synergies: Women, Natural Resource Based Livelihoods and Renewable Energy in Arizona and Zacatecas. CAZMEX program. Co-P.I. with Veronica Vasquez-Leon. Research with SGD/MDP graduate students.
- January 2016- Greening the Food Deserts of Tucson, Arizona. Agnese Nelms Haury Program in Environment and Social Justice. Research project with SGD students and SGD colleague Daoqin Tong. Lead P.I.
- July 2015- Mapping Food Security and Access in Low Income Areas of Tucson, Arizona. Research on food availability and quality including from community gardening, ethnic food stores and farmers markets in metro Tucson. Research project with SGD students and SGD colleague Daoqin Tong. Co-P.I.
- April 2015- Hydropower-irrigation tradeoffs for Rural Livelihoods in Two River Basins in Uttarakhand state, India. Research Project with University of Arizona, Indian and Nepali NGOs and Indian University Colleagues. Co-P.I.
- October 2014-Summer 2015 Gender and Climate Change in the Semi-arid Border Region of Sonora and Arizona. Research Project with Miriam Gay-Antaki, SGD PhD student. Co-P.I.
- June 2013-November 2014 Environmental, Social and Economic Sustainability: A Community Garden in a Low-income Neighborhood in Tucson, Arizona. Research Project with University of Arizona Student Nathan Herrera. Lead P.I.
- January 2012-Fall 2016 Coupled Natural-Human Systems. National Science Foundation. Research in Rayon, Sonora, Mexico on changing livelihoods in a riparian community. June 2014-June 2015 research with Arid Lands PhD student, America Lutz Ley. Co-P.I.
- October, 2010-October, 2013 Arid Cities in Changing Climates: Urban Land and Water Use in the Desert Southwest. Bureau of Reclamation, Denver office and Water Sustainability Program, University of Arizona. Co-P.I.
- August 2009 – August 2010 Urban Growth, Water Use Strategies and Conservation Practices Among Households in Tucson, Arizona. University Partnership U.S.-France (PUF). Investigator.
- January 2009 –May 2009 U.S.-Mexico Migration in the Context of the Global Economic Crisis. Guanajuato, Mexico and Sonora, Mexico. May Foundation, Columbia University Committee on Global Thought and Fulbright Border Grant. Lead P.I.
- November 2007 – May 2009 Gendered On and Off-farm Labor and Migration in the Context of Water Scarcity and Climate Change in Sonora, Mexico. Resource Center for Urban Agriculture and

	Food Security, Magellan Circle Award and Fulbright Border Grant. Lead P.I.
Summer 2007	Low-income households in Tucson, AZ, water harvesting and greywater use. Exploratory study with Water Resource Research Center. Arizona Water Institute faculty grant. Lead P.I.
Fall 2006	Gendered Livelihoods and Wastewater Use in and around Hyderabad, India. Follow-up gender and water research (P.I.), book workshop participation, led workshop participant tour to wastewater field sites and showed documentary film. Saciwaters, Hyderabad, Wageningen University and Dutch government.
2004 – 2005	Urbanization, Natural Resource Degradation and Groundwater User Innovation. IWMI and TATA Foundation. Lead P.I.
2003	Food security, Gender and Wastewater-dependent Farming Households. IWMI and the World Health Organization. Lead P.I.
Fall 2001 – Summer 2003	Social stratification in access and use of wastewater for irrigated agriculture in urban, peri-urban and rural areas along a river. IWMI, RUAF Foundation, International Development Research Centre, U.S. Agency for International Development and UK Department for International Development. Lead P.I.
Summers: 2003 and 2004	Groundwater and Social Stratification in Guanajuato's Rural Communities. With Dr. Tushaar Shah, IWMI and Dr. Christopher Scott, IWMI. Tata Foundation. Co-P.I.
Fall 2000 – Spring 2001	Dissertation Year Fellowship for write-up. Binghamton University.
Fall 1997 – Summer 2000	Water and Guanajuato's <i>Ejido</i> Agriculture: Resource Access, Exclusion and Multiple Livelihood Strategies. Dissertation research. IWMI and Ford Foundation.
1999	Gender and the Management of Land and Water in Rural Communities in Mexico. With Dr. Emma Zapata. Funded by International Water Management Institute and the Colegio de Postgraduados, Montecillo, Mexico. Edited book project.
Fall 1996	Pre-dissertation research. Livelihoods and water access. Mexico. IWMI.
Summer 1994	The effect of credit on women microentrepreneurs. La Paz, Bolivia. Funded by Women's World Banking, New York, New York.
1993	Gender, age and class in domestic water use and provision in a <i>barrio</i> of Tegucigalpa. Funded by Caritas, Tegucigalpa, Honduras. Lead P.I.
1992	Appropriate technologies for small-scale enterprises. Review of the literature and ATI projects. Funded by Enterprise Works Worldwide (formerly ATI).
1991	Strategizing in the Face of Industrial Restructuring: Women at Work in a Foreign Owned Garment Industry and at Home in Rural America. Funded by USDA ERS grant through thesis advisor, Dr. Shelley Feldman, Cornell University and Beatrice Brown Award for thesis research.

## TEACHING

- August 2013- **Assistant Research Professor.** School of Geography and Development (SGD). University of Arizona. Fall 2017 'Field Practicum Analysis' course for the Master's in Development Practice (MDP) program of SGD. Fall 2015, 2016: 'Foundations of Sustainable Development Practice' Global Classroom course for the MDP program. Local-Global Linkages in Development Practice--Colloquium for SGD. Topics covered: rainwater, solar and wind harvesting; food security; urban agriculture; AIDS; refugees; program evaluation; videography; scenario planning for changing climate and water conditions; gender and environment; children and war. Fall 2013-Spring 2015. Led tour of research site in Sonora, Mexico for MDP student group, Spring 2016.
- August 2009-July 2013 **Research Associate and Lecturer.** .5 FTE. School of Geography and Development. University of Arizona. Spring '12 undergrad/grad seminar: 'Gender and Natural Resource Management in Latin America'. Fall '09, '10, '11, '12 and spring '13 undergraduate 4 credit course: Geog. 302 'Introduction to Sustainable Development' and Geog. 397A examining environmental sustainability issues and development in U.S. cities with global comparisons; fieldwork and field trip component. Spring '10 undergraduate courses: 'Geography of International Development' and 'Political and Cultural Geography of Globalization'. Thesis advisor; honor's thesis advisor and independent study instructor.
- Summer 2012 **Mentor** for Non-traditional Undergraduate Student Colleen Hale, for the University of Arizona Summer Research Institute on Urban Heat Island in Tucson BOR-funded Project. Teaching Research and Presentation Skills.
- January 2008 –present **Student Theses Advisor.** Latin American Studies Program and School of Natural Resources. University of Arizona. Tucson, AZ. Graduate student theses committee member on gender, development, agriculture and natural resource topics in Latin America and water resources in the Southwest U.S.
- January-May 2008 **Independent Studies Course Instructor.** Women's Studies Department. University of Arizona. Guided Independent Study 'Field Application of Feminist Research Methodologies' for graduate student in Women's Studies. Took student to field sites in Sonora, Mexico with Magellan Foundation funding; guided readings and term paper.
- August-December 2007 **Adjunct Lecturer.** Latin American Studies Program. University of Arizona. Taught a new graduate course that I developed entitled 'Gender and Natural Resource Management in Latin America'. Gender and climate change, water resources, fishing, forestry and agriculture topics addressed.
- Fall 2005 **Adjunct Lecturer.** Clark University. Worcester, MA. International Development, Community and Environment Program. Taught graduate student course entitled 'Food Security and Livelihoods in Comparative Perspective'. Interactive, multi-method and multi-media teaching tools used.

August 1995-1997                      **Adjunct Lecturer.** Binghamton University. Binghamton, NY. Sociology Department. Taught undergraduate courses: 'Women's Work' for two semesters and 'Latin American Women and their Communities'.

August-December 1996                **Teaching Assistant.** Binghamton University. Sociology Department. Taught undergraduate discussion section of course entitled 'Social Deviance'.

## **STUDENT MENTORING**

Current and Recent Graduate Student Research Assistants: Karina Martinez, América Lutz Ley, Ashley Erbe, Chloe Hein, Albert Casella, Miriam Gay-Antaki, Arica Crootof, Eleanor McCallum, Morgan Apicella, Kate Curl, Lillie House-Peters.

Current and Recent PhD Advisor: América Lutz Ley (Arid Lands), Miriam Gay-Antaki, Anne-Marie Hanson, School of Geography and Development (SGD).

Current and Recent Undergraduate Research Assistant Supervisor: Jaclyn Mendelson, Emily Marderness, Smriti Ravi Govindan, Colleen Hale, Francisco Alvarado, Nathan Herrera.

Current and Recent Undergraduate Honor's Thesis Advisor: Jaclyn Haley Mendelson (Plant Sciences and Government and Public Policy)

Current and Recent Master's thesis advisor: Lynette Miller, Tabitha Spence (SGD); Leigh-Anne Schmidt (MDP).

Recent Independent Studies advisor: Emily Madarness (SGD), Colleen Hale (SGD), Leigh Anne Schmidt (SGD) and Joe Cuffari (SGD) and Mari Galup (Women's Studies).

## **COMMUNITY SERVICE**

Spring 2012-ongoing                    **Member, MDP Admissions Committee.** SGD.

Spring 2015-ongoing                    **Member, MDP Program Vision Committee.** SGD.

Fall 2014                                    **Member, APR Committee for MDP program.** SGD.

Fall 2012-ongoing                        **Member, Jan Monk Lecture Committee.** SGD. (2017 chaired committee that became named Special Colloquia Committee).

Fall 2012-ongoing                        **Alternate, Undergraduate Committee.** SGD.

Fall 2011 and 2012                        **Aiding in development of Master's in Development Practice Program.** SGD and Anthropology.

August 2010-August 2011                **Member, Organizing Committee.** Development of B.A. in Environmental Studies, multi-disciplinary program run out of SGD. University of Arizona.

August 2009-May 2010                    **Organizer, Speaker Series.** Association of Women Faculty. University of Arizona. Tucson, Arizona.

## **OTHER SERVICE**

Professional memberships:

American Association of Geographers, Latin American Studies Association, Mexican Rural Scholars Network, Gender and Water Alliance, Gender and Water Network, gender-cc Women for Climate Justice Network, Sisters on the Planet (Oxfam America)

Member, Editorial Board, International Journal of Sustainable Society  
<http://www.inderscience.com/browse/index.php?journalCODE=ijsoc>

Article Manuscript Reviewer for Journals such as the following:

Natural Resources Forum, Journal of Environmental Management, Journal of Political Ecology, Anthopos, Professional Geographer, International Journal of Sustainable Society, Gender, Place and Culture, Latin American Research Review, Environmental Practice, Signs, Ecological Economics, Global Environmental Change, Journal of Latin American Geography, Signs, Geoforum, Environmental Research Letters

Reviewer for the Evelyn L. Pruitt National Fellowship for Dissertation Research of the Society of Woman Geographers (2015- ongoing)

Book manuscript reviewer for various different academic presses and specialized publishers such as Routledge on International Development, Gender and Development, Climate Change, Sustainability and Urban Development.

Proposal reviewer for National Science Foundation, Social Sciences and Humanities Research Council of Canada

## **GRANTS AND CONTRACTS** (% = *Stephanie Buechler's share of award*)

### Federal Grants and Contracts

2014-2015 Gender and Climate Change in the Semi-arid Border Region of Sonora and Arizona. (Co-PI, 10%), \$25,000; with Miriam Gay-Antaki SGD graduate student. University of Arizona-Conacyt-Mexico Binational Consortium for Regional Scientific Development and Innovation.

2010-2015 Strengthening Resilience of Arid Region Riparian Corridors: Ecohydrology & Decision-Making in the Sonora and San Pedro Watersheds (Co-PI, 9%), \$1,466,447; National Science Foundation, Dynamics of Coupled Natural-Human Systems (CNH).

2011-2013 Arid Cities in Changing Climates: Urban Land and Water Use in the Desert Southwest. (Co-P.I., 10%), \$277,686; Bureau of Reclamation and WSP University of Arizona.

2008-2009 Climate Change, Water, Gender and Migration in a Mexican Border Community. (P.I.; 40%), \$13,000; Fulbright-Garcia Robles Border Program.

### Private Foundations

2009-2012 Household-level Water Use Patterns in a Growing Urban Area: The case of Tucson. (Investigator, 8%); \$240,000; French-U.S. University Partnership Fund.

- 2009 Migration in the Context of Economic Recession. (P.I., 3%); \$600; Karen and Daniel May Foundation. International workshop participation and field research in Guanajuato, Mexico.
- 2007 Peri-urban Agriculture in a Mexican Border Community. (P.I.; 20%) \$800; Resource Center on Urban Agriculture and Forestry.
- 2007 Feminist Research in a Mexican Border Community. (P.I.; 2%); \$500; Magellan Circle Award. Trained graduate student and conducted research.

#### International Grants

- 2017-2018 Towards Improved Synergies: Women, Natural Resource Based Livelihoods and Renewable Energy in Arizona and Zacatecas. (Co-P.I., 10%), \$54906. Consortium for Arizona-Mexico Arid Environments (CAZMEX) program.
- 2015-2017 The irrigation-hydropower nexus in the Ganges headwaters. (Co-P.I., 10%), \$348,143; Water, Land and Energy (WLE) Program. Consultative Group on Agricultural Research (CGIAR).
- 2006 The Incorporation of Gender Needs in Water Infrastructure Projects in South Asia. International workshop, led tour of my research sites, and research. (P.I., 3%); \$7,000. Dutch Government and SaciWaters (NGO).

#### State Grants

- 2016 Greening the Food Deserts of Tucson, Arizona. (P.I. 15%); \$48,664.77. Agnese Nelms Haury Program in Environment and Social Justice. University of Arizona.
- 2015 A Comprehensive Food Access Analysis in Tucson. Making Action Possible (MAP) Grant. (Co-P.I.; 8%); \$7,500. Economic Business Research Center, Eller College of Management. University of Arizona.
- 2010 Center for Latin American Studies, University of Arizona, travel grant \$500.
- 2007 Rainwater Harvesting Innovations in Tucson. Summer Grant. (P.I., 50%); \$9,500. Arizona Water Institute. University of Arizona.
- 2006 Center for Latin American Studies, University of Arizona, travel grant. \$300. Travel to LASA conference.

#### With the International Water Management Institute:

- 2005 German International Cooperation Ministry (BMZ) Grant co-author; \$1,010,000.
- 2003-2004 Innovations in Wastewater Use along the Musi River, Hyderabad, India. (Co-P.I., 20%); \$70,000. US Agency for International Development
- 2002-2003 Livelihoods and Wastewater Use along the Musi River. (Co-P.I.; 20%); \$190,000. UK Department

for International Development.

- 2002-2004 Urban and Peri-urban Agriculture and Wastewater Use along the Musi River. (Co-P.I.; 30%); \$650,000. Resource Center for Urban Agriculture and Food Security (RUAF) Foundation, the Netherlands.
- 2002-2004 Rural Wastewater Use for Agricultural Production. (Co-P.I., 30%); \$200,000. The International Development Research Centre (IDRC), Canada.
- 2003 Women, Households, Nutrition, and Wastewater Irrigated Produce. (P.I., 60%); \$3,500. World Health Organization (WHO).
- 2001-2005 Core IWMI funding from four research themes: Sustainable Groundwater Management; Water, Health and the Environment; Water Resources, Institutions and Policy; Smallholders and Institutions. \$200,000.

#### Dissertation and Thesis Funding

- 2001 Dissertation Year Fellowship Award. Binghamton University. \$10,000.
- 1997-2000 IWMI funding for stipend, dissertation research expenses, write-up. \$45,000.
- 1991 Beatrice Brown Award for Master's thesis. Cornell University. \$600.