

JENNIFER ZAVALETA

440 Church St. Ann Arbor, MI 48109 | C: 214 636-7180 | Zavaleta@umich.edu

EDUCATION

Ph.D. of Natural Resources and Environment	Expected: May 2019
School of Society and Environment, University of Michigan	
Master of Science in Wildlife Aquatic Wildland Science Management	May 2012
Texas Tech University, Department of Natural Resources, Lubbock, TX	
Bachelor of Arts in Government with a Leadership Sequence (Honors)	May 2010
Claremont McKenna College, Claremont, CA	

FELLOWSHIPS

Graham Environmental Sustainability Doctoral Fellow	2016 - 2019
<ul style="list-style-type: none">- Awarded \$50,000 for research funds to support dissertation research about climate adaptation in rainfed areas of India- Participate in a cohort designed to build cross-disciplinary awareness and communication skills through regular engagement	

National Science Foundation Graduate Research Fellowship Program NSF-GRFP	2015 - 2018
<ul style="list-style-type: none">- Awarded three years of tuition funding and stipend (\$150,000)- Conduct an impact evaluation of payment for ecosystem services program in Chile by comparing how economic incentives will affect internal motivations to conserve natural resources	

Borlaug Fellowship in Global Food Security	
<ul style="list-style-type: none">- Awarded \$23,000 for research costs while conducting fieldwork in India- Investigate how crop and livelihood diversification affect food security in rain-fed regions of India	

Weinberg Fellowship for Population, Development and Climate Change	Summer 2015
<ul style="list-style-type: none">- Summer Fellow with Revitalizing Rainfed Agriculture to analyze household surveys and conduct interviews about climate adaptation and local institutions- Awarded \$7,500 to defray costs of conducting 40 interviews of farmers to learn more about off-farm income diversification	

Fulbright Research Fellowship, Chile	2013
<ul style="list-style-type: none">- Designed a program evaluation for the Long-Term Socio-Ecological Research Network (LTSER) with El Instituto de Ecología y Biodiversidad- Collaborated with Universidad Austral de Chile on a watershed management project	

HONORS AND AWARDS

Rackham International Research Award	2016
<ul style="list-style-type: none">- Awarded \$5,000 to support dissertation research on livelihood diversification and food security in Rainfed Regions of India	

- Texas Tech Student of Integrated Scholarship** 2013
 - Selected for commitment to academics and active learning experiences, service learning, internships, and research
- Texas Tech Annual Biological Sciences Symposium** March 2012
 - Awarded 2nd place for best presentation in natural resources management
- The Philip Roland Prize for Best Thesis in Public Administration and Public Policy** May 2010
 - Year-long honors thesis entitled: Improving the Status of Indigenous Women in Peru
- John E. Allen Academic Alumni Merit Award** 2006 - 2010
 - Awarded \$20,000 in scholarship aid after an interview process for students of color

GRANTS

- World Bank Grant** Spring 2017
 - Awarded \$22,000 to cover the costs of research on climate adaptation in India
- Rackham Graduate Student Research Grants** Summer 2015
 - Awarded \$1,500 to defray costs of Climate Adaptation Project in India
- Policy Sciences Institute Travel Scholarship** October 2012, 2014, 2015
 - Awarded \$1,000 four times for travel expenses to the Policy Sciences Institute
- Prairie Biotic Institute Grant** Spring 2012
 - Awarded \$1,000 to evaluate the human dimensions of lesser prairie-chicken conservation in eastern New Mexico
- Jack Stark Fellowship for Strategic Security Studies** November 2007 - May 2008
 - Awarded \$1,000 to write a paper entitled: U.S. Security in Pakistan: Understanding Military and Mosque
- McKenna International Summer Internship Scholarships** Summer 2008
 - Awarded \$5,000 to work for a think tank focused on development in Peru
- Brock Scholarship** Fall 2008
 - Awarded \$1,000 to a student in Claremont McKenna's Washington Program who demonstrated "the most potential" after an interview process
- Dunbar Fellowship** August 2009 - May 2010
 - Awarded \$1,000 to collaborate with Professor William Ascher on analyzing the impact of development programs on ethnic violence in South America

PEER REVIEWED PUBLICATIONS

- Watkins, C., **J. C. Zavaleta**, S. Wilson, and S. Francisco. 2017. Developing a community of practice for interdisciplinary and cross-sectoral natural resources management. *Conservation Biology*
- Zavaleta, J. C.**, D. A. Haukos, B. Grisham, C. Boal, and C. Dixon. 2016. Restoring shinnery oak prairies with herbicide and grazing in New Mexico. *Southwestern Naturalist* 61(3): 225-232.
- Andersson, K., D. Lawrence, **J. C. Zavaleta**, and Manuel R. Guariguata. 2015. Governing Resources: The socioeconomic impact of forestry expansion in Chile. *Environmental Management* 57(1): 123-136.
- Donoso, P. and **J. C. Zavaleta**. 2014. Propuesta preliminar de incorporación de nuevos sitios de investigaciones socioecológicos de largo plazo en la Red LTSER de Chile. *Bosque* 35 (3): 459-466.

Donoso, P. J, Frene, C., M. Flores, C. E. Oyarzún, M. C. Moorman, and **J. C. Zavaleta**. 2014. Balancing water supply and old-growth forest conservation in the lowlands of south central Chile through an adaptive co-management approach. *Landscape Ecology* 29: 245-260.

Cheek, C.A., S. Hilavity, K. Mogue, B. Perkins, M. Pyron, C. Ryan, **J. Zavaleta** (alphabetical), G. Perry, and C. Boal. 2013. Vertical Structure Use by Juvenile Stout Iguanas (*Cyclura pinguis*) on Guana Island, B.V.I. *IRCF Reptiles and Amphibians* 20 (3): 112-118.

BOOK CHAPTERS

Grisham, B., **J.Zavaleta**, A. Behney, P. Borsdorf, D. Lucia, D. Haukos, and C. Boal. 2015. Population Conservation and Management of Lesser Prairie Chickens in Sand Shinnery Oak-Grasslands. *In Ecology and Conservation of Lesser Prairie-Chickens*. D. Haukos and C. Boal (eds). (Spring 2015).

Haukos, D. and **J.Zavaleta**. Habitat. 2015. *In Ecology and Conservation of Lesser Prairie-Chickens*. D. Haukos and C. Boal (eds).

TECHNICAL REPORTS

Zavaleta, J., and D. Haukos. 2013. Annotated bibliography of the lesser prairie-chicken: including identification of information needs and knowledge gaps. Final Report to the Western Governors Association and Lesser Prairie-Chicken Interstate Working Group. 549 pp.

Boal, C., B. Grisham, D. Haukos, **J. Zavaleta**, and C. Dixon. 2013. Understanding the Ecology, Habitat Use, Phenology, and Thermal Tolerances of Nesting Lesser Prairie-Chickens to Predict Population Level Influences of Climate Change. USGS Technical Publication.

Zavaleta, J. C. and P. A. Maloney. 2012. Five damaging assumptions made by government agents and landowners about grazing in sand shinnery oak communities. Rangeland Ecology and Management. Prairie Biotic Institute.

WORKING PUBLICATIONS

Bell, A., **J. Zavaleta**, F. Mataya, and Patrick Ward. Updating Ethnographic Decision-Tree Modeling (EDTM) with machine learning to outline the structure of Malawian farmers' decision to adopt conservation agriculture. (Submitted to *Agronomy for Sustainable Development*)

PRESENTATIONS (First Author Only)

Zavaleta, J. C. Unpacking Livelihood Diversification's Effect on Food Security: a Closer Look at Gender, Season, and Financial Management. Invited Seminar at International Food Policy Research Institute. July 24, 2017. New Delhi, India

Zavaleta, J. C. Unpacking Women's Decision Process of Income Diversification in Rural India. International Symposium on Society and Resource Management. June 24, 2017. Umeå University, Sweden.

Zavaleta, J. C. Farmer's Decisions to Participate in Conservation Agriculture. Policy Sciences Annual Institute. October 26, 2016. Claremont McKenna College, Claremont, CA.

Zavaleta, J. C. Adaptation Through Diversification in Rain-fed Regions of India. International Symposium on Society and Natural Resources Management. June 25, 2015. Michigan Technological University, Houghton, MI.

Zavaleta, J. C. Safety in Diversification (Climate Change Adaptation in India). Policy Sciences Annual Institute. November 13, 2015. World Bank, Washington DC.

- Zavaleta, J. C.** Lessons learned from working in a watershed in Chile. Water Symposium. February 6, 2015. University of Michigan, MI.
- Zavaleta, J. C.** and P. Donoso. Understanding values and adaptive co-management in Llancahue, a Valdivian watershed. Society of Policy Scientists Institute. September 27, 2014. Brown University, Providence, RI.
- Zavaleta, J. C.** P. Donoso, and C. Frene. Dimensiones humanas en la conservación de la selva Valdiviana: La cuenca Llancahue y su potencial y relevancia para estudios socioecológicos de largo plazo. November 5, 2013. Puerto Varas, Chile.
- Zavaleta, J. C.**, B. Grisham, C. Boal, and D. Haukos. Invertebrates of sand shinnery oak communities influence on lesser prairie-chicken brood survival. Presented at Texas Chapter of the Wildlife Society. February 22, 2013. Houston, Texas, United States.
- Zavaleta, J. C.**, P. Maloney, and D. Haukos. Understanding the human component of conservation in the sand shinnery oak grasslands. Presented at Texas Chapter of the Wildlife Society. February 22, 2013. Houston, Texas, United States.
- Zavaleta, J. C.** Five myths of landowners and conservation practices: a case study in shinnery oak communities Presented at the Policy Sciences Institute. October 18, 2012. Saskatoon, Saskatchewan, Canada.
- Zavaleta, J. C.**, D. Haukos, and C. Boal. Prescribed grazing and herbicide as a tool for restoration of sand shinnery oak grasslands. Presented at Texas Tech Annual Biological Sciences Symposium. March 31, 2012. Lubbock, Texas, United States.
- Zavaleta, J. C.** Land Rights in Peru, Considering the Fate of Rural Women. Presented at the Policy Sciences Institute. October 14, 2011. New Haven, Connecticut, United States.
- Zavaleta, J. C.**, D. Haukos, and C. Boal. Community response to use of prescribed grazing and herbicide for restoration of sand shinnery oak grasslands. Presented at Texas Chapter of the Wildlife Society. February 22, 2012. Fort Worth, Texas, United States.

RESEARCH EXPERIENCE

-
- International Food Policy Research Institute** January - August 2016
Consultant
- Designed lesson plans and led a five-day training for 10 participants on interview techniques and ethnographic decision-tree modeling for NASFAM, an agricultural extension NGO in Lilongwe, Malawi
 - Managed data collection and analyze over 120 interviews in southern Malawi
- University of Michigan** May 2016 – Present
Ph.D. Candidate
Ph.D. Student August 2014 - May 2016
- Raised approximately \$125,000 to support dissertation research on livelihood diversification, food security and women’s empowerment
 - Directed a team of 30 people, working in 6 languages, to collect 1,200 household surveys each month for a year across 80 villages in central India
 - Led 120 interviews in approximately 30 villages sometimes across three languages
 - Coordinated and led seven training workshops and administered all financial reimbursements
- Universidad Austral de Chile** March 2013 - November 2013
Fulbright Scholar

- Conducted a program evaluation of Chile's Long-Term Socio-Ecological Research network
- Led evaluation of management plan in Valdivian watershed after conducting over thirty interviews of campesinos, university employees and NGO volunteers
- Provided mentorship on thesis committee and led project of investigation

Kansas State University

May 2012 - March 2013

Research Consultant

- Compiled all literature pertaining to lesser prairie-chickens and annotate a bibliography for approximately 300 articles
- Compared research, identified gaps in the literature, and produced final report on management recommendations

TTU Department of Natural Resource Management

January 2011 - May 2012

Graduate Student Research Assistant

- Conducted research about prairie chicken habitat; Thesis entitled: Community Response to use of Prescribed Grazing and Herbicide for Restoration of Sand Shinnery Oak Grasslands
- Aided in field research: trapping, collaring, and using telemetry to locate birds

TTU Department of Agricultural Education and Communications

August - December 2010

Research Assistant, Texas Alliance for Water Conservation

- Created educational materials for field days, websites, and trade show booths to promote water conservation among west Texas producers
- Developed plan for national branding of local effort through web, radio, and social media

Berger Institute for Work, Family and Children, Claremont, CA

January 2009 - May 2010

Research Assistant

- Researched for book that explores how economic development strategies create conditions that reduce the likelihood of inter-group violence in developing countries
- Examined the ethnic differences in Malaysia and social safety nets in Latin America

Instituto Invertir, Lima, Peru

June - August 2009

Intern and recipient of McKenna International Summer Internship Award

- Searched for grant opportunities and wrote proposals to support projects such as Bid Challenge Peru and Líder Acción, which promotes entrepreneurial development
- Translated web pages, promotional materials, and grants into English

Heritage Foundation, Washington, DC

September - December 2008

Intern in The Center for International Trade and Economics

- Contributed to editing *Index of Economic Freedom for 2009* by checking all of the numbers and writing background information for countries Sweden through Zimbabwe

OUTREACH AND TEACHING EXPERIENCE

ESL Tutoring with Literacy of Lubbock

September 2010 - May 2012

Head Teacher

- Led classes for a group of 10 students for five hours a week
- Developed curriculum on grammar and vocabulary through lectures and group activities

Texas Tech Athletics Academic Services

January 2011 - May 2012

General Tutor

- Tutored in all subjects and helped organize for assignments for six hours a week
- Helped students organize his homework objectives and study for tests

School on Wheels and Kravis Leadership Institute

October 2007 - May 2010

Head Student Coordinator/ Tutor

- Coordinated between homeless shelters in the community, Kravis Leadership Institute on campus, School on Wheels national organization, and tutors at all the Claremont Colleges
- Advertised tutoring opportunities, led information sessions, and coordinated schedule

PROFESSIONAL MEMBERSHIPS

Society of Policy Scientists

October 2010 - Present

Vice President of the Society

Summer 2016 - Summer 2019

- Chair of the Annual Institute hosted by Brown University in 2017 and Claremont McKenna College in 2016.
- Lead Coordinating Committee to choose an Institute theme, wrote request for proposals, managed abstracts, and to determine agendas for each Institutes
- Coordinated logistics and communications amongst the Executive Council and wrote to update the Society about the Annual Institute deadlines and logistics