

REBECCA K. ZARGER

ADDRESS

Department of Anthropology
University of South Florida
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Tampa, FL 33620 USA
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EDUCATION

University of Georgia, Athens, Georgia
Ph.D., Department of Anthropology, August 2002

Wake Forest University, Winston-Salem, North Carolina
B.A., Anthropology and English, Cum laude, May 1995

RESEARCH INTERESTS

Sociocultural anthropology, environmental anthropology, ethnographies of childhood, political ecology of water, climate change, informal science education, environmental and cultural heritage, urban agriculture, public engagement in environmental policy, Central America and the Caribbean

POSITIONS HELD

2017-Present *Graduate Director*, Department of Anthropology, University of South Florida, Tampa, Florida

2013-Present *Associate Professor*
Department of Anthropology, University of South Florida, Tampa, Florida
Affiliated Faculty
University of South Florida Water Institute
Patel School of Global Sustainability, USF Office of Sustainability
Institute for the Study of Latin America and the Caribbean (ISLAC)

2006-2013 *Assistant Professor*, Department of Anthropology, University of South Florida, Tampa, Florida

2003-2006 *Assistant Professor*, Joint appointment in the Department of Environmental Studies and the Department of Sociology and Anthropology, Florida International University, Miami, Florida
Affiliated Faculty, Center for Transnational and Comparative Studies
Affiliated Faculty, Center for Latin American and Caribbean Studies

2003 *Christine Mirzayan Science and Technology Policy Fellow*, National Academies of Science/National Research Council, Committee on Human Dimensions of Global Change, Washington, DC

RESEARCH GRANTS AND AWARDS

2017-2022 Maya Trotz, (PI), Rebecca Zarger (Co-PI), James Mihelcic (Co-PI), Quiong Zhang (Co-PI): NSF Research Traineeship (NRT) Integrated Food Energy Water Systems (INFEWS) Grant, “*NRT-INFEWS: Systems Training for Research On Geography-based Coastal Food Energy Water Systems (STRONG-CFEWS)*”
National Science Foundation Award. Total Amount: \$2.9 million

REBECCA K. ZARGER

- 2016 Rebecca Zarger and Keith Prufer, Co-chairs, School for Advanced Research NSF Research Team Seminar, “Linking the Past to the Future: 2000 Years of Human Resilience and Socioecological Change in the Central American Tropics.” Held January 26-28, 2016.
- 2012-2015 Rebecca Zarger, PI, David Bruce Lewis (Co-PI, Integrative Biology), Shawn Landry (Co-PI, Florida Center for Community Research + Design), Mark Rains (Co-PI, Geology), Fenda Akiwumi (Co-PI, Geography and Environmental Science and Planning), Susan Bell (Senior Personnel, Integrative Biology). “RAPID: Assessing Vulnerabilities from Climate Change: Impacts of Water Provision, Power Relations and Perceptions of Risk on Ecohydrology in the Tampa Bay Region Socioecosystem.” National Science Foundation Dynamics of Coupled Natural and Human Systems (CNH) Program. Total Amount: \$88,766. 12/1/2012-12/1/2015. Refereed.
- 2012-2017 James Mihelcic (PI), Camille McKayle, Maya Trotz, Christian Wells Co-PIs, Senior Personnel: Rebecca Zarger, Sarina Ergas, Linda Whiteford, Daniel Yeh, Qiong Zhang, Frank Muller-Karger, Yogi Gaswami, Delcie Durham, Allan Feldman, Bernard Batson. “Partnerships for International Research and Education (PIRE): Context Sensitive Implementation of Synergistic Water-Energy Systems.” National Science Foundation. \$3.9 million
- 2013-2014 Rebecca Zarger (PI), Kristina Baines (Co-PI). “Maya Cultural Heritage Exchange in Southern Belize.” Bi-directional Knowledge Exchange Between Maya Archaeologists & Communities from the InHerit Foundation. \$7500.
- 2011-2012 Rebecca Zarger, PI and Kristina Baines, Co-PI (Doctoral Advisee). “*Sharing and Sustaining Maya Environmental Heritage in Southern Belize.*” Proposal to the Anthropology and Environment Section of the American Anthropological Association Small Grants for Collaborative Problem Solving. Partners: Toledo Environmental and Cultural Heritage Alliance (TEACHA), Tumul K’in Center of Learning, Blue Creek, Toledo District, Belize, Uxb’enka K’in Ajaw Association (UKAA), Santa Cruz, Toledo District, Belize. Total Amount: \$1,500.
- 2010-2013 David Bruce Lewis (PI), Rebecca Zarger (Co-PI), Tom Crisman (Co-PI), Mark Rains (Co-PI), Fenda Akiwumi (Co-PI): “*ULTRA-Ex: Urban Development, Power Relations, and Water Redistribution as Drivers of Wetland Change in the Tampa Bay Region Ecosystem.*” National Science Foundation Urban Long-Term Research Area (ULTRA) Exploratory Awards. Total Amount: \$289,352.
- 2008-2013 Douglas Kennett (PI), Rebecca Zarger, (Co-PI), Keith Prufer (Co-PI), Bruce Winterhalder (Co-PI) and Kevin Cannariato (Co-PI): “*Development and resilience of complex socioeconomic systems: A theoretical model and case study from the Maya Lowlands.*” National Science Foundation, Human Social Dynamics Program Collaborative Grant (Oregon, USF, UNM, UC-Davis, USC). Purpose: An interdisciplinary project involving archaeologists, cultural anthropologists, and climate scientists to study the relationships between cultural landscapes, climate change, and the resilience of complex sociopolitical systems in the Maya lowlands of southern Belize. Refereed. Total Amount: \$900,000.
- 2008-2013 Rebecca Zarger, PI. “*Development and resilience of complex socioeconomic*

REBECCA K. ZARGER

- systems: A theoretical model and case study from the Maya Lowlands.*” National Science Foundation, Human Social Dynamics Program Collaborative Grant. Purpose: Ethnographic research on historical ecology and current dynamics of environmental change in Maya communities of southern Belize; education initiatives for collaborative grant. Training: Funds for undergraduate project assistant and doctoral assistantship including dissertation field research. Refereed. Total Amount: \$62,086.
- 2007-2008 PI: Laurel Graham (Sociology), Co-PIs: Rebecca Zarger, Elaine Howes (Secondary Educ./Science Educ.), and Jennifer Friedman (Sociology). *“Promoting Nutrition and Environmental Stewardship through School Gardening in Tampa Bay”* USF Collaborative for Children and Families’ Faculty Grants for Community Engagement 2007-2008. Purpose: to study the pedagogy of school gardening and funding a two-workshop series with 40 Tampa Bay area elementary and middle school teachers on incorporating gardening into environmental and social science curricula in their schools. Training: Includes small stipend for Undergraduate Honors in Anthropology student assisting with workshop planning in addition to thesis research with the project. Refereed. Total amount funded: \$14,930.
- 2007 Rebecca Zarger PI, *“Representing the past, negotiating the present: Maya cultural and environmental heritage in southern Belize.”* USF Humanities Institute Summer Grant. Purpose: Ethnographic research on how cultural and environmental heritage is negotiated in Maya communities with archaeological sites. Refereed. Total amount funded: \$3500.
- 2007 Rebecca Zarger PI, *“Representing the past, negotiating the present: Maya cultural and environmental heritage in southern Belize.”* USF College of Arts and Sciences International Travel Grant. Purpose: Ethnographic research on how cultural and environmental heritage is negotiated in Maya communities with archaeological sites. Refereed. Total amount funded: \$1500
- 2005-2008 Michael McClain, PI, Rebecca Zarger Senior Personnel. *“Gender and Integrated Water Resource Management in the Mara Basin, Kenya and Tanzania”*, a component of Global Water Management and Sustainability (GLOWS), three year collaboration between USAID, the World Wildlife Fund, and FIU Department of Environmental Studies
- 2004 Rebecca Zarger PI *“Adapting to Changing Landscapes and Political Economies after Hurricane Iris in Southern Belize”*, Florida International University College of Arts and Sciences Research Award. Total amount funded: \$5,000.
- 2001-2002 Rebecca Zarger PI *“Acquisition and Transmission of Environmental Knowledge by Q’eqchi’ Maya in Southern Belize”*, Spencer Foundation Dissertation Fellowship for Research Related to Education. Total amount funded: \$20,000.
- 2001-2002 Rebecca Zarger PI University of Georgia Graduate School Doctoral Research Assistantship for Dissertation Write-Up. Total amount funded: \$15,000.
- 2000-2001 Rebecca Zarger PI Inter-American Foundation Dissertation Fellowship for dissertation field research. Total amount funded: \$10,000.

REBECCA K. ZARGER

- 1999 Research Assistantship, Laboratories of Ethnobiology, Department of Anthropology, University of Georgia
- 1996-1999 Graduate Teaching Assistantship, Department of Anthropology, University of Georgia
- 1998 Graduate Student Summer Travel Fellowship awarded by University of Georgia Center for Latin American and Caribbean Studies (CLACS)
- Graduate Student Research Awards
- 2009 Rebecca Zarger, PI and Carylanna Bahamondes, Co-PI. "Watershed Management in the Wake of Emigration: Transnational Flows of Remittances and Capital in Rural Households and Communities." National Science Foundation Dissertation Improvement Grant. Purpose: Funds for Bahamondes to carry out dissertation research in Honduras and the U.S. Total amount: \$14,555.
- Grants and Awards for Engaged Research and Service Learning
- 2017 Rebecca Zarger, Laurel Graham and Jennifer Friedman, "Good Neighbor Award" from Hillsborough County for partnership between USF Anthropology, Sociology and the Tampa Heights Junior Civic Association.
- 2015-2016 Rebecca Zarger, PI, Funds Awarded to Tampa Heights Junior Civic Association through the GrassRoots Program, Aetna Foundation. Support for organization and USF graduate student program evaluation of youth garden education, culinary arts, and fresh food market (\$25,000 for 2015-2016).
- 2012 Nominee, Florida Campus Compact Faculty Service Learning Award. USF Office of Community Engagement and Partnerships.
- 2012 Susan Greenbaum (PI), Lance Arney (PI Moses House), Rebecca Zarger (Co-PI). "Moses House Garden Project" YMCA and Creating a Healthier Sulphur Springs for Kids (CHSSK) coalition. Purpose: support program activities for fall semester 2012 for a 3 month long educational program for 12 youth, 12 weekly 3-hour sessions and some gardening supplies. Total Amount: \$2175 out of total \$10,000 award. June 2012. Not refereed.
- 2011 Rebecca Zarger, PI (in collaboration with Community Partners Moses House/Lance Arney and East Tampa Community Garden). USF Office of Community Engagement Service Learning Faculty Award. Development and Implementation of Service Learning Course, Anthropology of Childhood, for Spring 2011. Total Amount: \$3000 (\$500 awarded to community partners).
- 2010 Lance Arney, Mabel Sabogal, Rebecca Zarger, Margeaux Chavez. "Moses House Community Garden." Tau Foundation Grant awarded by Allegany Franciscan Ministries. Total Amount: \$10,000.
- 2010 Rebecca Zarger (USF) and Frances Brooks (East Tampa Community Garden). USF Office of Community Engagement Service Learning Faculty Award. Total Amount: \$700 (\$500 to Faculty member and \$200 to ETCG/community partner).

REBECCA K. ZARGER

PUBLICATIONS

BOOKS

2002 Stepp, J. R., F. S. Wyndham, and R. K. Zarger, Eds. *Ethnobiology and Biocultural Diversity*. 720 pp. Athens: University of Georgia Press.

In Prep. *Landscapes of Childhood: Growing Up Maya in Southern Belize*. Monograph based over a decade of research with Q'eqchi' and Mopan Maya children and families on environmental knowledge and practice in Toledo District, Belize. Invited submission to University of Rutgers Press, Series in Childhood Studies.

In Prep. *Environmental Anthropology: an Introduction*. Under contract with Routledge.

PEER-REVIEWED ARTICLES

2019 E.C. Wells, A. Webb*, C. Prouty*, R.K. Zarger, L.M. Whiteford, M. A. Trotz, J.M. Mihelcic. "Wastewater Technopolitics on the South Coast of Belize." *Economic Anthropology*. Early view January 31, 2019: <https://doi.org/10.1002/sea2.12145>.

2017 C. Prouty*, E. S. Koenig*, E. C. Wells, R. K. Zarger, and Q. Zhang. "Rapid Assessment Framework for Modeling Stakeholder Involvement in Infrastructure Development." *Sustainable Cities and Society* 29:130-138.

2017 Henderson, Joe and R. K. Zarger. Toward political ecologies of environmental education. *Journal of Environmental Education*. VOL. 48, NO. 4, 285-289. <https://doi.org/10.1080/00958964.2017.1336978>

2016 Baines, Kristina* and R. K. Zarger. "It's good to Learn about the Plants": Promoting social justice through the development of a Maya environmental and cultural heritage curriculum in southern Belize" *Journal of Environmental Studies and Science* DOI 10.1007/s13412-016-0416-3

2016 Wells, E. C., R. K. Zarger, L. M. Whiteford, M. Cairns*, E. Koenig*, J. Mihelcic. "Impacts of tourism development on perceptions and practices of sustainable wastewater management on the Placencia peninsula, Belize." *Journal for Cleaner Production* special issue on sustainable tourism.

2014 R. D. Baer, R. K. Zarger, E. Ruiz*, C. Noble*, Susan C. Weller. Lock-down: Applied anthropology and the study of campus emergencies. *Human Organization* vol. 73: 4 (Dec. 2014).

2014 Moritz, M., C. Carothers, R. K. Zarger, "Conceptual, Methodological, Practical, and Ethical Challenges in Studying and Applying Indigenous Knowledge" Special Feature 100 Editors, *Ecology and Society*.

2013 Zarger, Rebecca K. and Thomas J. Pluckhahn. "Assessing Methodologies in Archaeological Ethnography: a case for incorporating ethnographic training in graduate archaeology curricula." *Public Archaeology* Vol. 12 No. 1, February 2013, 42-57.

2012 Wright Wendel*, Heather E., Rebecca K. Zarger, and James R. Mihelcic. 2012. Accessibility and usability: Green space preferences, perceptions, and barriers in

REBECCA K. ZARGER

- a rapidly urbanizing city in Latin America. *Landscape and Urban Planning*.
<http://dx.doi.org/10.1016/j.landurbplan.2012.06.003>.
- 2009 Zarger, Rebecca K. Mosaics of Maya Livelihoods: Readjusting to global and local food crises. *Annals of Anthropological Practice* Vol. 32:130-151.
- 2004 Zarger, R. K. and J. R. Stepp. "Persistence of Botanical Knowledge Among Tzeltal Maya Children." *Current Anthropology*, vol. 45, no 3:413-418.
- 2003 J. R. Stepp, E. Jones, D. Casagrande, M. Pavao-Zuckerman, and R. K. Zarger. Unique and Remarkable Properties of Human Ecosystems. *Conservation Ecology*. Vol. 7, no. 3. Special Issue, Human Ecosystems: Toward the Integration of Anthropology and Ecosystem Sciences.
- 1998 Zarger, R. K. Conceptualizing Prehistoric Water Scarcity in the Central Maya Lowlands: the Influence of a Critical Resource on Settlement Patterns and Political Economy. *Journal of Ecological Anthropology*, vol. 2, pp.69-84.
- Under rev. Vitous, C. Ann and Rebecca K. Zarger. Visual Narratives: Using Photovoice to Document a Changing Environmental Landscape in Placencia Village, Belize. *Annals of Anthropological Practice*.
- Under rev. Zarger, Rebecca K. "Displacement at home: The reorganization of space, resource access, and mobility after Hurricane Iris in southern Belize." Under review at *Human Organization*.
- Under rev. Zarger, Rebecca K., "Where are the kids? Placing children in a political ecology of education," Manuscript submitted to *Childhood Environments*.
- In Prep. Zarger, Rebecca K., Gina Larsen*, Alexis Winter*, Shawn Landry, David Lewis, Mark Rains "Seeing Beyond Sea Level Rise: Visualizing Local Climate Change in Tampa Bay." For submission to *Ecology and Society*.
- In Prep. Zarger, R. K. "Ways of knowing: situating environmental knowledge as skilled practice" For submission to *Human Ecology*.
- In prep. Zarger, Rebecca K. "Emergent environmental knowledge and practice: the importance of middle childhood experiences in local landscapes." For submission to *Current Anthropology*, research reports.
- In prep. Zarger, R. K., Lance Arney, Margeaux Chavez, Mabel Sabogal. "Cultivating Legacies of Urban Gardens Past: Examining a Youth Heritage Garden in Tampa, Florida." In preparation to *Children, Youth, and Environments*.

BOOK CHAPTERS

- 2016 Whiteford, L. M., M. Cairns,* R. K. Zarger, and G. M. Larsen* "Water, Environment, and Health: The Political Ecology of Water," In *A Companion to Environmental Health: Anthropological Perspectives*, Edited by Merrill Singer. Wiley Publishers.

REBECCA K. ZARGER

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- 2012 Baines, Kristina and R. K. Zarger. "Circles of Value: Integrating Maya Environmental Knowledge Into Belizean Schools," In Helen Kopnina, Ed., *Anthropology of Environmental Education*. Pp65-86. Nova Science Publishers.
- 2011 Zarger, Rebecca K. "Learning Ethnobiology: Creating Knowledge, Skills and Practice about the Living World," In *Ethnobiology*, Edited by Eugene Anderson, Eugene Hunn, Deborah Pearsall, and Nancy Turner. Wiley and Sons Publishers.
- 2010 Zarger, Rebecca K. "Learning the Environment," In *The Anthropology of Learning in Childhood*, David Lancy, John Bock, Suzanne Gaskins, Eds. pp 341-369. AltaMira Press.
- 2002 Zarger, R. K. "Acquisition and Transmission of Subsistence Knowledge by Q'eqchi' Maya in Belize," in *Ethnobiology and Biocultural Diversity*, Edited by R. Stepp, F. Wyndham, and R. Zarger, pp 593-603. Athens: University of Georgia Press.

EDITOR- REVIEWED ARTICLES AND CONFERENCE PROCEEDINGS

- In press R. K. Zarger, Gina Larsen, Alexis Winter, Libby Carnahan, Ramona Madhosingh-Hector, Lara Milligan, and Justin Winn. Partnerships to Visualize Climate Change Futures in Tampa Bay, Florida. *Practicing Anthropology*.
- 2019 P. Gonzalez*, R.K. Zarger, A. Vitous*, and C. Prouty,* "Understanding children's perspectives on water resources in interdisciplinary research." *Practicing Anthropology* Winter 2019, Vol. 41, No. 1, pp. 32-37.
<https://doi.org/10.17730/0888-4552.41.1.32>
- 2016 E. C. Wells, R. K. Zarger, L. M. Whiteford, E. S. Koenig*, P. G. Gonzalez*, and S. M. Pratt*. Technology and Tourism on the Placencia Peninsula: Exploring Context-sensitive Pathways for Sustainable Wastewater Management. *Research Reports in Belizean History and Anthropology*.
- 2014 Wells, E. C. R. K. Zarger, L. M. Whiteford, M. R. Cairns*, and E. S. Koenig*. "The Impacts of Tourism Development on Perceptions and Practices of Wastewater Management on the Placencia Peninsula," Belize Institute for Social and Cultural Research. *Research Reports in Belizean History and Anthropology* 2:123-137. Proceedings of the Belize Archaeology and Anthropology Symposium, held July 2013.
- 2014 Zarger, Rebecca and Kristina Baines. "Sharing and sustaining Maya Environmental Knowledge in Southern Belize." Belize Institute for Social and Cultural Research. *Research Reports in Belizean History and Anthropology* 2:138-147. Proceedings of the Belize Archaeology and Anthropology Symposium, held July 2013.
- 2008 Zarger, Rebecca K. School Garden Pedagogies: Understanding Childhood Landscapes. *Anthropology News* April, pp. 8-9. In Focus on Childhood.

RESEARCH AND TECHNICAL REPORTS

- 2017 E. C. Wells, R. K. Zarger, L. M. Whiteford, J. R. Mihelcic, E. S. Koenig, A. Vitous, C. Prouty, and P. Gonzalez (2017). Perceptions and Practices of Sustainable Wastewater Management on the Placencia Peninsula, Belize: Report on the 2016

REBECCA K. ZARGER

- Field Season. Report submitted to the National Institute of Culture and History, Institute for Social and Cultural Research, Government of Belize.
- 2016 Rebecca Zarger, Laurel Graham, Lena Young, Kitty Wallace, Patrick Sneed, Jennifer Friedman, "AETNA GoLocal Grant Activities Final Research Report: Tampa Heights Junior Civic Association and Tampa Heights Community Garden." December 2016.
- 2016 E. C. Wells, R. K. Zarger, L. M. Whiteford, J. R. Mihelcic, E. S. Koenig, A. Vitous, and C. Prouty. "Perceptions and Practices of Sustainable Wastewater Management on the Placencia Peninsula, Belize: Report on the 2015 Field Season." Report submitted to the National Institute of Culture and History, Institute for Social and Cultural Research, Government of Belize, in preparation.
- 2016 Zarger, Rebecca K., E. Christian Wells, Paola Gonzalez, Eric S. Koenig, Christine M. Prouty, C. Ann Vitous, Linda M. Whiteford, Maya Trotz, Maryann Cairns, and Suzanna Pratt, "Water Resources and Tourism Development on the Placencia Peninsula : Changing livelihoods and environments." Research Report Executive Summary based on three field seasons in Placencia, Belize supported by NSF PIRE.
- 2015 E. C. Wells, R. K. Zarger, L. M. Whiteford, E. S. Koenig*, P. Gonzalez*, S. Pratt*. Perceptions and Practices of Sustainable Wastewater Management on the Placencia Peninsula, Belize: Report on the 2014 Field Season. Report submitted to the National Institute of Culture and History, Institute for Social and Cultural Research, Government of Belize.
- 2014 E. C. Wells, R. K. Zarger, L. M. Whiteford, M. R. Cairns*, and E. S. Koenig*. Perceptions and Practices of Sustainable Wastewater Management on the Placencia Peninsula, Belize: Report on the 2013 Field Season. Report submitted to the National Institute of Culture and History, Institute for Social and Cultural Research, Government of Belize.
- 2009 Ryan Davis, Lauren Harris, Jose Hasemann, Nolan Kline, Tamara Looney, Mabel Sabogal, Peter Watson, Rebecca Zarger and Robert Brinkmann. Urban and Community Gardens in Tampa Bay, Florida: History, Models and Social Practice. A report prepared by students and faculty, Department of Anthropology, University of South Florida.
- 2009 Zarger, R. K., D. Ombara, A. Subalusky, C. Grace. "Gender and Sociocultural Complexities of Water Use and Management in the Mara River Basin" Policy Brief, Global Water for Sustainability (GLOWS) and World Wildlife Fund, East Africa Region Programme Office, Nairobi, Kenya.
- 2005 Zarger, R. K. "Gender and Water Resource Management in Transnational Perspective: Understanding the dynamics of water in the Mara Basin, Kenya and Tanzania." Report to Global Water for Sustainability (GLOWS), FIU & World Wildlife Fund Office, Nairobi, Kenya. December 2005.
- 2003 Zarger, R. K. "Public Participation in Environmental Decision Making From a Practitioner Perspective." Report for National Academies of Science/National

REBECCA K. ZARGER

Research Council Panel on Public Participation, Committee on Human Dimensions of Global Change. May 2003, Washington DC.

BOOK REVIEWS

- 2007 Zarger, Rebecca K. review of *Do Glaciers Listen?: Local Knowledge, Colonial Encounters, and Social Imagination*, 2005 by Julie Cruikshank, University of British Columbia Press. *Journal of Ecological Anthropology* vol. 11:1.
- 2001 Zarger, R. K. *Traditional and Modern Natural Resource Management in Latin America*, F. Pinchon, J. Uquillas, and J. Frechione, Editors. *Society and Natural Resources*, 14:1.

DISSERTATION

“Children’s Ethnoecological Knowledge: Situated Learning and the Cultural Transmission of Subsistence Knowledge and Skills Among Q’eqchi’ Maya.” Doctoral Dissertation, Department of Anthropology, University of Georgia, Athens, GA.

EDITORIAL POSITIONS

Journal of Ecological Anthropology, Co-Editor 1998-present
Department of Anthropology, University of South Florida, <http://scholarcommons.usf.edu/jea>
(JEA Editorial Staff 1996-1998)

Anthropology and Environment Section Column Editor, Anthropology News (AN)
Editor of section news column in *AN*, a publication of the American Anthropological Association (AAA). 2002-2004.

PROFESSIONAL PAPERS AND PRESENTATIONS

- 2019 Rebecca Zarger, “Seeing Beyond Sea Level Rise: Climate Futures and Waterscapes in Tampa Bay Florida,” Paper presented at the Society for Applied Anthropology Annual Meetings, March 20, 2019, Portland, Oregon.
- 2019 K. Pecsok, R. Zarger, S. Landry, L. Finegold, and K. Kozachok. Influence of Waterbody Proximity and Flood Experiences on Perceptions of Climate Change in the Tampa Bay Region. American Association of Geographers Annual Meeting. April 3-7, 2019, Washington, DC.
- 2018 L. Finegold, R. Zarger, S. Landry, K. Pecsok, and K. Kozachok. Climate Change Perceptions in the Tampa Bay Region. National Science Foundation Research Experiences for Undergraduates Symposium. October 28-29, 2018, Westin Alexandria, Alexandria, VA.
- 2018 Rebecca Zarger, Roundtable Participant, “Anthropology's contributions to interdisciplinary graduate training, research, and education.” American Anthropological Association Annual Meetings, San Jose, CA Nov. 17, 2018.
- 2018 Rebecca Zarger, Invited Discussant, Session organized by Jack Friedman, University of Oklahoma, “Psychological Anthropology, Political Ecology, and New Environmental Challenges.” American Anthropological Association Annual Meetings, San Jose, CA Nov. 17, 2018.

REBECCA K. ZARGER

- 2018 Rebecca Zarger, E. Christian Wells, Ann Vitous, Eric Koenig, Christine Prouty, Paola Gonzalez, Maya Trotz “Avoiding Dispossession at Home: Scale of Tourism Development, Environment, and Changing Livelihoods on the Placencia Peninsula” First Belize National Research Conference, University of Belize, Belmopan, Belize. March 2018.
- 2018 R. Zarger, “Where Saltwater Meets Freshwater: Climate Change and the Politics of Water in Tampa Bay, Florida”. Paper presented at the Society for Applied Anthropology Annual meetings, Philadelphia, PA, April 2018.
- 2018 R. Zarger, “Learning through doing: service learning, food systems, and social justice,” Presentation for the session, “Environmental Literacy across the Curriculum: Challenges and Opportunities in Higher Education,” at the Southeastern Environmental Education Association conference, March 17-18, 2018 at USF St. Petersburg, Florida. Session organized by Rebecca Johns, USF St. Petersburg.
- 2017 R. Zarger and K. Baines. Perceptions of Changing Landscape Mosaics in Southern Belize: Farming and Flexibility. Paper presented at the Society for American Archaeology Conference. March 31, 2017, Vancouver, Canada.
- 2017 R. Zarger, “Intangibility, Change, and Loss: Understanding Climate Change in Tampa Bay, Florida” Paper presentation for the American Anthropological Association Annual Meetings, Washington D.C., Dec. 2, 2017, for the session: “What money cannot bring back: climate change, loss and damage, and Anthropology” (Invited Session, Anthropology and Environment Society).
- 2017 R. Bargielski and R. Zarger. Roundtable organized for the American Anthropological Association Annual Meetings, Washington D.C., Dec. 2, 2017, for the session: “Practicing Anthropology in a Post-Truth Era.” Doctoral students at the University of South Florida Department of Anthropology.
- 2016 Co-organizer, “Just Water By Design: Collaborations between Anthropologists Engineers, and Communities” with Maryann Cairns and Linda Whiteford. Roundtable session at the American Anthropological Association Annual Meetings, November 19, 2016, Minneapolis, MN.
- 2016 R. Zarger, Alexis Winter, Justin Winn, Gina Larsen. “Seeing Beyond Sea Level Rise: Visual future scenarios and the complexities of translating and responding to risks from climate change in Tampa Bay, Florida.” Paper presented at the Society for Economic Anthropology Annual Meetings. Athens, GA, April 15, 2016.
- 2016 K. Baines and R. Zarger. “Being Well, Being Maya: The Role of Environmental Heritage Practices in Indigenous Land Management in Southern Belize.” Society for Applied Anthropology Annual Meetings, Vancouver, Canada, March 2016.
- 2016 Paola Gonzalez, Ann Vitous, and Rebecca K. Zarger. “Children in Interdisciplinary Research: Lessons from Designing Environmental Curriculum on the Placencia Peninsula in Belize” For the session, “Engineering” a New Anthropology: Interdisciplinary Approaches to Water-Energy Challenges. Society for Applied Anthropology Annual Meetings, Vancouver, Canada, March 2016.

REBECCA K. ZARGER

- 2016 Eric S. Koenig, Christine Prouty, E. Christian Wells, Rebecca K. Zarger, Qiong Zhang. "Modeling Stakeholder Involvement for Centralized Wastewater Treatment Projects." For the session, "Engineering" a New Anthropology: Interdisciplinary Approaches to Water-Energy Challenges. Interdisciplinary Insights from the Placencia Peninsula, Belize." Society for Applied Anthropology Annual Meetings, Vancouver, Canada, March 2016.
- 2016 Christine Prouty, Qiong Zhang, Luis Garcia, and Rebecca Zarger. "Community and Complexity: Use Social Science Data in a System Dynamics Model to Reveal Factors that Influence the Adoption of Paradigm-shifting Technologies." For the session, "Engineering" a New Anthropology: Interdisciplinary Approaches to Water-Energy Challenges. Interdisciplinary Insights from the Placencia Peninsula, Belize." Society for Applied Anthropology Annual Meetings, Vancouver, Canada, March 2016.
- 2016 R. Zarger, Alexis Winter, Justin Winn, Gina Larsen. "Seeing Beyond Sea Level Rise: Visual future scenarios and the complexities of translating and responding to risks from climate change in Tampa Bay, Florida." Paper presented at the Society for Economic Anthropology Annual Meetings. Athens, GA, April 15, 2016.
- 2016 Carnahan, L. R. Madhosingh-Hector, L. Milligan, and R. Zarger. *A Communication Strategy for Climate Change in Tampa, FL*. European Climate Change Adaptation Conference. Glasgow, Scotland.
- 2016 Carnahan, L. R. Madhosingh-Hector, L. Milligan, and R. Zarger. 2016. *Assessing a Community's Concern of Climate Change Impacts*. 2016 ANREP/NACDEP Joint Conference. Burlington, VT.
- 2015 R.K. Zarger and K. Baines, "Making the Tacit More Tangible: Dilemmas of Transforming Environmental and Cultural Heritage for Formal School Settings in Belize." Paper presented at the American Anthropological Association Annual Meetings, Nov., Denver, CO.
- 2015 Baines, K. and R. K. Zarger, "It's Good to Learn about the Plants": promoting social justice and community health through the development of a Maya environmental and cultural heritage curriculum in southern Belize." Paper presented at the American Anthropological Association Annual Meetings, Nov., Denver, CO.
- 2015 R.K. Zarger, L. Carnahan, R. Madhosingh-Hector, L. Milligan, "Changing the Conversation: Communicating about Local Climate Change Impacts and Scenarios for the Tampa Bay Region. Bay Area Scientific Information Symposium (BASIS 6). St. Petersburg, FL, Sept. 30, 2015.
- 2015 Z. E. Darley, E. S. Koenig, C. M. Prouty, E. C. Wells, R. K. Zarger, and L. M. Whiteford. Nexus Thinking for Water and Energy: An Anthropological-Engineering Perspective from the Caribbean. Paper presented in the session, "Applying Environmental Anthropology," at the 74th Annual Meeting of the Society for Applied Anthropology, Pittsburgh, Pennsylvania.
- 2015 Baines, Kristina and Rebecca Zarger. Maya Cultural Heritage Exchange in Southern Belize: A Dialogue Among Communities, Archaeologists, and Sociocultural Anthropologists. Belize Archaeology and Anthropology Symposium, San Ignacio, Cayo, Belize, July 2015.

REBECCA K. ZARGER

- 2015 R.K. Zarger, "Where are the kids?: Placing children in a political ecology of education." Paper presented at the Dimensions of Political Ecology conference, University of Kentucky, Lexington, KY. February 26-28, 2015.
- 2015 C. Bender, E. S. Koenig, R. K. Zarger, E. C. Wells, and L. M. Whiteford. Scale Challenges of Water and Energy in Belize and the U.S. Virgin Islands. Paper presented at the 24th Annual Caribbean Water and Wastewater Association Conference and Exhibition, Miami, Florida.
- 2014 D. G. Casagrande, R. K. Zarger, F. Wyndham, E. C. Jones and R. Stepp, "Ecomyopia in the Anthropocene." Paper presented at the Annual Meetings of the American Anthropological Association in the session, Producing Anthropologies in/of the Anthropocene. Washington, D.C., December 6, 2014.
- 2014 E. C. Wells, R. K. Zarger, L. M. Whiteford, E. S. Koenig, and S. M. Pratt. "Technology and Tourism on the Placencia Peninsula: Exploring Context-sensitive Pathways for Sustainable Wastewater Management." Paper presented at the Belize Archaeology and Anthropology Symposium, San Ignacio, Cayo, Belize, July 2014.
- 2014 E. C. Wells, R. K. Zarger, L. M. Whiteford, M. R. Cairns, E. S. Koenig, and Z. E. Darley. "Negotiating the Water-Energy Nexus: Reclaiming Resources from Wastewater in Tourism Dependent Economies in the Caribbean." Poster presented at the 2014 Annual Meeting of the Society for Economic Anthropology, "Energy and Economy," Austin, Texas, April 2014.
- 2014 R. K. Zarger, G. Larsen, S. Landry, and D. Lewis. "Ecological Proxies, Waterscapes, and Water Management in Tampa Bay, Florida," Paper presented at the Annual American Association of Geographers meeting for the panel, "Critical Approaches to Urban Water Governance," April 12, 2014, Tampa, FL.
- 2014 R. K. Zarger, L. M. Whiteford, and E. C. Wells. "Understanding the Water-Energy Nexus in the Caribbean: The Importance of Sociocultural Context and Political Economy to Wastewater Management". Paper presented at the Nexus 2014: Water, Food, Climate and Energy Conference in Chapel Hill, NC March 5-8, 2014.
- 2014 Baines, K. and Zarger, R.K. "When Will We Reach? Exploring the Collaborative Process in Developing an Environmental and Cultural Heritage Workbook in the Toledo District, Belize." Paper presented at the Society for Applied Anthropology Annual Meetings. Albuquerque, New Mexico, March 21, 2014.
- 2013 Wells, E. C. R. K. Zarger, L. M. Whiteford, M. R. Cairns, and E. S. Koenig. "The Impacts of Tourism Development on Perceptions and Practices of Wastewater Management on the Placencia Peninsula," Paper presented at the Belize Archaeology and Anthropology Symposium, San Ignacio, Cayo, Belize. July 2013.
- 2012 R. K. Zarger. "Ways of Knowing: Situating Environmental Knowledge As Skilled Practice," Paper presented at the Annual Meetings of the American Anthropological Association. Invited session, Knowledge Boundaries: Conceptual and Methodological Challenges in Studying Indigenous Knowledge, organized by Mark Moritz and Matthew Lauer. Nov. 15, 2012, San Francisco, CA.

REBECCA K. ZARGER

- 2012 R.K. Zarger. "Participatory Research with Children on Urban Gardening, Food Production, and Dietary Preferences," Innovent Panel, "Crossing into the Public Sphere: Ethnographic opportunities and challenges in addressing social justice for children and youth." Organized by Rachel Stryker, Jennifer Tilton, Rebecca Zarger and Michelle Rosenthal. Nov. 15, 2012, San Francisco, CA.
- 2012 R.K. Zarger, F. Akiwumi, D. Lewis, G. Larsen, C. Adjei, S. Landry. "The Power of Perceptions: Hydroecological change and Water Redistribution in Tampa Bay." All-Scientists Meeting of the Long-Term Ecological Research Area (LTER) Network. Invited presentation, Cultural Anthropology Program, National Science Foundation. September 13, 2012. Estes Park, CO.
- 2012 R.K. Zarger, F. Akiwumi, D. Lewis, G. Larsen, C. Adjei, S. Landry. "The Power of Perceptions: Hydroecological change and Water Redistribution in Tampa Bay." Paper presented at the Society for Applied Anthropology Annual Meetings, Baltimore, MD, March 27-31, 2012.
- 2012 G. Larsen and R.K. Zarger. "'It Hurts My Heart:' Wetland and Lake Destruction and Emotional Distress among Residents of Tampa Bay, Florida." Paper presented at the Society for Applied Anthropology Annual Meetings, Baltimore, MD, March 27-31, 2012.
- 2012 B.R. Weisman, E.C. Wells, R.K. Zarger, and K.L. Davis-Salazar. "Community-engaged, outcome-driven anthropology is a vital part of STEM research." 76th Annual Meeting of the Florida Academy of Sciences University of South Florida, Tampa Florida, March 16-17, 2012.
- 2012 F. Akiwumi, R.K. Zarger, D.B. Lewis, S. Landry, M. Rains et al. "Urban development, power relations, and water redistribution as drivers of wetland change in the Tampa Bay Region Socioecosystem: Focus Group Findings." Paper presented at the Annual Meetings of the Assoc. of American Geographers, New York, NY, February 25, 2012.
- 2011 R.K. Zarger, L. Arney, M. Chavez, M. Sabogal. "Cultivating Legacies of Urban Gardens Past: Examining a Youth Heritage Garden in Tampa, Florida." Paper presented at the Annual Meetings of the American Anthropological Association, November 14-17, 2011, Montreal, Canada.
- 2011 D. B. Lewis, R. K. Zarger, S. M. Landry, F. A. Akiwumi, M. C. Rains, K. A. Nilsson, C. O. Adjei, S. J. Feit, G. M. Larsen, R. B. Perkerson, P. E. Thurman, T. L. Crisman, S. S. Bell, C. C. Trettin. "Urban development, power relations, and water redistribution as drivers of wetland change in the Tampa Bay Region Socioecosystem" Paper presented at the Ecological Society of America, Austin, TX, August 2011.
- 2011 D. B. Lewis, R. K. Zarger, S. M. Landry, F. A. Akiwumi, M. C. Rains, T. L. Crisman, S. S. Bell, C. C. Trettin. "Urban development, power relations, and water redistribution as drivers of wetland change in the Tampa Bay Region Socioecosystem" Paper presented at session, Urban Long-term Research Areas (ULTRA): Opportunities for Comparison and Synthesis, Intl. Assn. for Landscape Ecology, Portland, OR, April 3-7, 2011.
- 2010 R. K. Zarger, "Landscapes worth fighting for: Hydroelectric dams, conservation, and social resistance in Southern Belize." Paper presented at the Annual Meetings of the American Anthropological Association, New Orleans, LA November 17, 2010.

REBECCA K. ZARGER

- 2010 R. K. Zarger, Panelist, "Saving the Lore 2.0" Discussion on Heritage Preservation in Global Context, organized by Alicia Ebbitt McGill. Annual Meetings of the American Anthropological Association, New Orleans, LA.
- 2009 R. K. Zarger, "Displacement and reorganization of space at home: long-term effects of an aperture of environmental change," Paper presented at the Annual Meetings of the American Anthropological Association, Philadelphia, Pennsylvania, Dec. 2-6, 2009.
- 2009 R. K. Zarger, "Cat's balls and Craboo: Maya children's perceptions of flora and foodways," Paper presented at the Society for Ethnobiology annual meetings, Tulane University, March 27, 2009.
- 2009 Douglas Reeser* and Rebecca Zarger, "More than Improved Nutrition? Understanding the impacts of school garden programs on diet and homegardening in Belize," Paper presented at the Society for Applied Anthropology Annual Meetings, Santa Fe, New Mexico, March 21, 2009.
- 2009 R. K. Zarger, "Learning to value the present through the past: Cultural and environmental heritage in Maya communities in southern Belize," Paper presented at the Society for Applied Anthropology Annual Meetings, Santa Fe, New Mexico, March 21, 2009.
- 2009 R. K. Zarger and Kristina Baines. "Development and resilience of complex socioeconomic systems: A theoretical model and case study from the Maya Lowlands." Research poster presented at the USF College of Arts and Sciences Research Symposium, October 2009.
- 2008 R. K. Zarger, Shoshaunna Parks, and Keith Prufer, "Learning the Past and Valuing the Present: Education Initiatives at Uxbenka." Paper presented at the Belize Archaeology Symposium, Belize City, Belize, July 2-4, 2008.
- 2008 R. K. Zarger, "Collaborative Methods and Intergenerational Projects in Ethnobiological Research: the contributions of Berlin and Berlin." Paper presented at session to honor Brent and Elois Ann Berlin, recipients of the Distinguished Economic Botanist Award, at the Society for Economic Botany meetings, Duke University, Durham, North Carolina. June 4, 2008. (Invited)
- 2008 R. K. Zarger. "Children's Emergent Botany During Childhood." Paper presented at the Society for Ethnobiology annual meetings, University of Arkansas, April 19, Fayetteville, Arkansas.
- 2007 R. K. Zarger. "Cross-cultural Comparative Research: Emerging patterns in the development of environmental knowledge and practice during childhood." Paper presented at the Annual Meetings of the American Anthropological Association, Nov. 30- Dec. 4, Washington, D.C. (Invited)
- 2007 R. K. Zarger. "Water, gender, and governance: "mainstreaming" women's participation in water users' associations in the Mara River Basin." Paper presented at the Society for Applied Anthropology Annual Meetings, March, Tampa, Florida.

REBECCA K. ZARGER

- 2007 R. K. Zarger. "Building Slingshots and Finding Edible Glue: A field guide to peer learning during childhood in Southern Belize." Paper presented at the Society for Cross-Cultural Research, Feb. 2007, San Antonio, Texas. (Invited)
- 2006 Keith Prufer and R. K. Zarger, "Collaborating with communities to represent the past and create futures: cultural and environmental heritage in archaeological site development." Paper presented at the American Anthropological Association Annual Meetings, San Jose, CA, November, 2006.
- 2006 R. K. Zarger. "'After Iris, Everything Gone': resilience and change in coping with a natural disaster." Presented as part of the session, "Understanding ecology: how people cope with changing ecosystems." Paper presented at the Society for Applied Anthropology Annual Meetings, March 28-April 2, Vancouver, British Columbia, Canada.
- 2005 R. K. Zarger. "The State of our Land: Maya Rights and Conservation Institutions in Belize." Presented as part of an Invited Session, "States of Nature: Inside and outside environmental institutions." Paper presented at the Annual Meetings of the American Anthropological Association, Nov. 30- Dec. 4, Washington, D.C.
- 2005 R. K. Zarger. "Eco-cultural Tourism and Land Use Conflicts in the 'Mundo Maya' of Southern Belize." Paper presented at the Society for Applied Anthropology Annual Meetings, April 5-10, Santa Fe, New Mexico.
- 2004 R. K. Zarger. "Linking Information and Behavior in Human Ecosystems." Paper presented at the Ecological Society of America Annual Meetings, August 2004, Portland, Oregon.
- 2004 R. K. Zarger. "Methods for Understanding Cultural Transmission of Ecological Knowledge." Paper presented at the 9th International Congress of Ethnobiology, University of Kent at Canterbury, July 5, 2004, Canterbury, UK.
- 2003 R. K. Zarger. "Shifting Landscapes: Social Networks and Cultural Transmission of Ecological Knowledge in Q'eqchi' Communities in Southern Belize." Paper presented at the Annual Meetings of the American Anthropological Association, November 22, 2003, Chicago, Illinois.
- 2003 R. K. Zarger, Eric C. Jones, and the Local Knowledge Working Group. "Communities and Conservation: Local Knowledge and Management in Conservation Policy." Paper presented on behalf of the Conservation, Local Knowledge, and Management working group of the Conservation and Community Conference, Athens, Georgia, September 2002, at the Annual Meeting of the Society for Applied Anthropology, March 19-23, Portland, Oregon.
- 2002 R. K. Zarger. "Patterns of Change in Subsistence Knowledge and Strategies Between Generations in a Q'eqchi' Maya Community in Belize." Paper presented at the Annual Meetings of the American Anthropological Association, November 24-28, New Orleans, Louisiana.
- 2001 R. K. Zarger. "Graphical Representations as Phenomenon and Tool in Understanding Human Ecosystems." Paper presented at the Annual Meetings of the American Anthropological Association, November, Washington DC.

REBECCA K. ZARGER

- 2001 R. K. Zarger. "Bio-cultural Diversity Conservation and Education Initiatives in Southern Belize." Paper presented at the Annual Meeting of the Society for Applied Anthropology, March 28-April 1, Mérida, Mexico.
- 2000 R. K. Zarger. "Acquisition and Transmission of Environmental Knowledge in Southern Belize." Paper presented at the Annual Meetings of the American Anthropological Association, November 15-19, San Francisco, California.
- 2000 R. K. Zarger. "Acquisition and Transmission of Subsistence Knowledge by K'ekchi Maya in Belize." Paper presented at the 7th Congress of the International Society of Ethnobiology, October 23-27, Athens, Georgia.
- 2000 R. K. Zarger and J. R. Stepp. "Persistence of Botanical Knowledge among Tzeltal Maya Children." Paper presented at the 7th International Congress of the International Society of Ethnobiology, October 23-27, Athens, Georgia.
- 1999 R. K. Zarger. "Combining Applied and Academic Approaches in Environmental Anthropology: Future Trajectories." Presented at the Annual Meetings of the Society for Applied Anthropology, March 21-26, San Francisco, CA.
- 1999 R. K. Zarger. "In Situ: Learning and Teaching Ethnoecological Knowledge." Paper presented at the Annual Meetings of the American Anthropological Association, November 17-21, Chicago, Illinois.
- 1998 R. K. Zarger, J. R. Stepp, Cheryl Mihalko. "Development of a Latin American Ethnobotanical Garden." Poster presented at the Annual Conference of the Society of Ethnobiology, Oaxaca, Mexico, March 10-13.
- 1998 R. K. Zarger. "Graphic Representations and the Role of Information in Human Ecosystems." Paper presented at the Annual Meetings of the American Anthropological Association, Philadelphia, Pennsylvania, Dec.2-6.
- 1998 R. K. Zarger. "The Intergenerational Sharing of Ecological Information: Implications for Community-Based Conservation." Paper presented at the Annual Meetings of the Society for Applied Anthropology, San Juan, Puerto Rico, April 21-25.
- 1997 R. K. Zarger. "Models of Indigenous Knowledge of Natural Resource Management and the Role of Cultural Expression in their Transmission: The Kuna and the Conservation of Kuna Yala." Paper presented at the Annual Meetings of the American Anthropological Association, Washington D.C., November 19-23.

CONFERENCES, WORKSHOPS AND COLLOQUIA ORGANIZED

- 2018 Lucero Radonic and Rebecca Zarger, Co-Organizers, "Urban Waters: Everyday encounters with a changing climate." Session for the Society for Applied Anthropology Annual Meetings, Philadelphia, PA. April 2018.
- 2015 R.K. Zarger, Chair, Rappaport Student Prize Panel, Anthropology and Environment Society, session presented at the Annual Meetings of the American Anthropological Association, Denver, Colorado.
- 2006 Cristina Espinosa and R. K. Zarger, Co-Organizers and Co-Chairs, "Mapping Gender,

REBECCA K. ZARGER

- Ethnicity, and Participation: Natural resources and 'rural' livelihoods in the South." Panel organized for Society for Applied Anthropology Annual Meetings, March, 2006, Tampa, Florida.
- 2005 Cynthia Fowler, Susan Charnley, R. K. Zarger and J. R. Stepp. Co-Chair, "The Role of Anthropologists in Interdisciplinary Projects," session presented at the Annual Meetings of the American Anthropological Association, Nov. 30- Dec. 4, Washington, D.C.
- 2002 R. K. Zarger. "Adapting to Globalization: Exploring Patterns of Change, Loss, and Persistence of Local Environmental Knowledge." Session organized for the Annual Meetings of the American Anthropological Association, November 24-28, New Orleans, LA.
- 2001 R. K. Zarger. Community-based conservation workshop. Capacity-building workshop on local environmental knowledge for protected area managers in collaboration with Golden Stream Corridor Preserve, Toledo District, Belize and Flora and Fauna International, UK.
- 2000 R. K. Zarger. CO-Program Chair, Organizing Committee, 7th International Congress of Ethnobiology, Athens, Georgia, October 9-12, 2000.
- 1999 D. Harel-Kirschner and R. K. Zarger. "Knowledge as Social Interaction: Learning in Multiple Contexts." Co-organized with for the Annual Meetings of the American Anthropological Association, November 17-21, Chicago, Illinois.
- 1999 R. K. Zarger. "Combining Applied and Academic Approaches in Environmental Anthropology: Future Trajectories." Presented at the Annual Meetings of the Society for Applied Anthropology, March 21-26, San Francisco, CA.

RECENT INVITED PRESENTATIONS, PUBLIC LECTURES, AND TALKS

- 2019 "Visualizing Climate Futures in the Tampa Bay Region," Invited Lecture, Abess Center for Ecosystem Policy, February 6, 2019, University of Miami, Miami, Florida.
- 2018 "Visualizing climate change in the Tampa Bay region" Invited perspective paper and facilitator for the conference Tidally United Summit on heritage at risk. August 10, 2018, New College of Florida, Sarasota.
- 2018 "Visualizing climate futures in the Tampa Bay region" Annual Duckwall Lecture, University of South Florida St. Petersburg, Invited lecture presentation with Dr. Rebecca Johns and Dr. Barnali Dixon, USFSP Environmental Sciences.
- 2017 Social Aspects of Resilience: USF St. Petersburg, ICAR conference. Paper presentation, "Seeing Beyond Sea Level Rise: Climate Change in Tampa Bay" & Session leader: The Importance of Social Networks; Identifying and Enhancing Informal Communication."
- 2016 Rebecca Zarger, Invited Lecture, Anthropology Graduate Student Association, Department of Anthropology, University of Georgia.
- 2015 Rebecca Zarger, "Engaging the next generation? Assessing youth involvement with urban and community gardens." Invited presentation at the University of Milan, part of the "Food for Generations to Come Consortium," hosted by the Comitato

REBECCA K. ZARGER

- Scientifico for the World Expo 2015. Sustainable Food for Generations to Come,” coinciding with the Milan World Expo 2015, which is organized around the theme, “Feeding the Planet, Energy for Life,” (consortium formed in January 2015 through a signed MOU between USF, Appalachian State U., FIU, UNC-Chapel Hill, and the Comitato Scientifico Expo 2015).
- 2014 Rebecca Zarger, Gina Larsen*, Alexis Winter*, Shawn Landry, David Lewis, Mark Rains. “Seeing Beyond Sea Level Rise: Visualizing Local Climate Change in Tampa Bay.” Invited Presentation, Florida Water and Climate Alliance, November 5, 2014. Tampa Bay Water, Clearwater, Florida.
- 2014 Rebecca Zarger, Gina Larsen*, Alexis Winter*, Shawn Landry, David Lewis, Mark Rains. “Seeing Beyond Sea Level Rise: Visualizing Local Climate Change in Tampa Bay.” Dept. of Earth and Environment, FIU, Seminar Series, January 29, 2014.
- 2014 Rebecca Zarger, “Good Dirt: Children and Youth Perspectives on Community and School Gardening.” January 29, 2014. FIU Center for Humanities in an Urban Environment, “Food for Thought” Speaker Series 2013-2014. Available online at center website.
- 2014 E. C. Wells, R. K. Zarger, and L. M. Whiteford. Tourism and Water: An Evaluation of Perceptions and Practices of Sustainable Wastewater Management on the Placencia Peninsula, Belize. Paper presented at the 4th Annual Water Institute Symposium, University of Florida, Gainesville, FL.
- 2012 R.K. Zarger, D. Lewis, G. Larsen,* F. Akiwumi, C. Adjei, S. Landry. “Urban Long-Term Ecological Research Area (ULTRA) Tampa Bay: The Power of Perceptions in Hydroecological change and Water Redistribution.” Invited speaker, National Science Foundation Long-Term Ecological Research Area (NSF-LTER) All Scientists Meeting, Estes Park, CO. Sept. 10-13, 2012.
- 2012 Rebecca Zarger, D. Lewis, G. Larsen,* S. Landry, Mark Rains, F. Akiwumi. "Urban vulnerability and climate change: ULTRA Tampa Bay." Nov 2012. US EPA, Washington, ULTRA-Climate Workshop: Developing and Coordinating Research on Urban Vulnerability to Climate Change.
- 2012 Rebecca Zarger and Kristina Baines*. “Sharing Environmental Heritage in Communities in Belize.” USF Botanical Gardens, April 4, 2012. Presentation about partnership between Toledo Environmental and Cultural Heritage Alliance (TEACHA), Uchb’enka K’in Ahaw Association (Belize), and USF Botanical Gardens to create signage for ethnobotanical trail in Santa Cruz, Belize. Invited.
- 2011 “Valuing the present through the past: Environmental and cultural heritage in Maya communities in southern Belize.” Presentation for the Panel Discussion on Cultural Sustainability, Global Humanities Symposium, USF Humanities Institute. March 3, 2011.
- 2011 Fenda Akiwumi, Rebecca Zarger, and David Lewis. “Power Relations and Public Perceptions of Water Distribution as Drivers of Wetland Change in the Tampa Bay Region Socio-ecosystem.” Invited presentation at the USF Department of Biology Colloquium, February 3, 2011.

REBECCA K. ZARGER

- 2009 R. K. Zarger, Ryan Davis, Tamara Looney, Mabel Sabogal. "Creating Communities, Cultivating Gardens: Urban and Community Gardening in Tampa Bay." Panel presentation at the Campus and Community Sustainability Conference, University of South Florida, Tampa Florida, October 2009.
- 2009 R. K. Zarger, Ryan Davis, Lauren Harris, José Hasemann, Nolan Kline, Tamara Looney, Mabel Sabogal, Peter Watson, and Robert Brinkmann. "Creating Communities, Cultivating Gardens: Urban and Community Gardening in Tampa Bay." Invited presentation as part of session "How does your garden grow: Risks and rewards of Community Gardens," Florida Brownfields Conference 2009, Tampa, Florida, November 2, 2009.
- 2009 "Drying Up, Scaling Up: Local action to confront water scarcity in East Africa and Tampa Bay," A Sustainability Panel Discussion, Earth Day, sponsored by the Anthropology Club, Academic Initiatives, and the Student Environmental Association, USF.
- 2009 "Understanding Human Dynamics of Water Resource Management: the Mara River Basin." Invited lecture, Colloquium Series, Department of Environmental Science, Policy, and Geography, University of South Florida- St. Petersburg. February 10, 2009.
- 2008 "Understanding Human Dynamics of Water Resource Management in the Mara Basin," Invited lecture for the Environmental Research Interdisciplinary Colloquium (ERIC) seminar series, USF.
- 2008 "Global Water Scarcity and Local Conservation." Part of three-part lecture series sponsored by the Patel Center for Global Solutions, USF, Global Citizenship Workshop for area high school teachers.
- 2008 "Water Resource Management and Qualitative Research with Communities." Invited talk to University of South Florida chapter of Engineers Without Borders, April 3, 2008.
- 2007 "Learning Environmental Knowledge During Childhood" Florida Gulf Coast University, Environmental Science Colloquium Series. (Invited lecture).
- 2006 "Cultural Transmission of Environmental Knowledge During Childhood", Invited Speaker, Anthropology Club, University of South Florida
- 2005 "Population, Women, and the Environment". Spring Liberal Studies Seminar on the Environment, Dr. John Parker, instructor, Florida International University.
- 2005 "Situating Practice, Transforming the Landscape: Social reproduction of environmental knowledge in Belize". Department of Anthropology and Geography, Georgia State University, Atlanta, GA.
- 2004 "Cultural Transmission of Environmental Knowledge in Maya communities of southern Belize". Tumul K'in School, Toledo District, Belize, June.
- 2004 "Development of expertise in plant knowledge among Q'eqchi' Maya children", Department of Biology Seminar Series, Florida International University

REBECCA K. ZARGER

2003 “Learning to Work: Cultural Transmission of Ethnoecological Knowledge”,
Department of Environmental Studies and Department of Women’s Studies, Florida
International University

DISSERTATIONS AND THESES

USF

CURRENT GRADUATE ADVISEES

2018-present Heather Henderson (Dissertation Director, Anthropology)
2018-present Atte Penttila (Dissertation Director, Anthropology)
2017-present Ann Vitous (Dissertation Director, Anthropology)
2017-present Wendy Rib (Dissertation Director, Anthropology)
2016-present Guffran Rostom (M.A./MPH Advisor, Anthropology)
2016-present Richard Bargielski (Dissertation Director, Anthropology)
2016-present Corinne Zellner (Dissertation Director, Anthropology)
2015-present Sarah Bradley (Dissertation Director, Anthropology)

CURRENT GRADUATE STUDENT COMMITTEES

2019-present Racheal McCormick (M.A. Committee, Anthropology)
2019-present Kendal Jackson (Ph.D. Committee, Anthropology)
2018-present Mathews Wakhungu (Ph.D. Committee, Anthropology)
2017-present Jean Louise Lammie (Ph.D. Committee, Anthropology)
2017-present Russ Edwards (Ph.D. Committee, Anthropology)
2017-present Lia Berman (Ph.D. Committee, Anthropology)
2018-present Kevin Martyn (Ph.D. Committee, Geosciences)
2016-present Katie Shakour (Ph.D. Committee, Anthropology)
2016-present Anthony Tricarico (Ph.D. Committee, Anthropology)
2015-present Sarita Panchang (Ph.D. Committee, Public Health/MA Anthropology)
2015-present Cori Bender (Ph.D. Committee, Anthropology)
2016-present Eric Koenig (Ph.D. Committee, Anthropology)
2017-present Sasha Litt (M.A. Committee, Anthropology)
2014-present Zaida Darley (Ph. D.) Committee, Anthropology)
2014-present Bernice Lopez (Ph.D. Committee, Anthropology)
2012-present Kelly Lyons (MA Committee, Anthropology)
2012-present Margaret Allsopp (Ph.D. Committee, Anthropology)
2013-present Dereje Gultineh (Ph.D. Committee, Geosciences)
2014-present Katie Taylor (Ph.D. Committee, Anthropology)
2011-present Wendy Hathaway (Ph.D. Committee, Anthropology)

PAST ADVISEES AS MAJOR PROFESSOR AND GRADUATION DATE

2015-2018 Justin Winn (M.A. Advisor, Anthropology)
2015-2018 Heather Henderson (M.A. Advisor, Anthropology)
2010-2017 Rachel Grabner (Dissertation Director, Anthropology)
2012-2017 Meredith Main (Dissertation Director, Anthropology)
2014-2017 Paola Gonzalez (M.A./M.P.H. Advisor, Anthropology)
2014-2017 Ann Vitous (M.A. Advisor, Anthropology)
2014-2017 Anna Abella (Dissertation Director, Anthropology)
2014-2016 Alexandra DeLaricheliere Lancey (M.A. Advisor, Anthropology)
2013-2016 Alexis Winter (M.A. Advisor, Anthropology)
2011-2015 Steven Williams (M.A. Advisor, Anthropology)
2008-2014 Douglas Reeser (Dissertation Director, Anthropology)
2010-2013 Margeaux Chavez (M.A. Advisor, Anthropology)

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2009-2013	Ginger Johnson (Ph.D. Dissertation Director, Anthropology)
2006-2012	Cynthia Grace (Ph. D. Dissertation Director, Anthropology, Ph.D. May 2012)
2009-2012	Kristina Baines (Dissertation Director, Anthropology)
2010-2012	Vanessa Martinez (M.A. Advisor, Anthropology)
2011-2012	Gina Larsen (M.A. Advisor, Anthropology)
2007-2011	Carylanna Taylor (Dissertation Director, Anthropology, Ph.D. Dec. 2011)
2006-2009	Ginger Johnson (M.A./M.P.H. Thesis Director, Anthropology and Public Health)
2006-2008	Douglas Reeser (M.A./M.P.H. Thesis Co-Director with Dr. Nancy Romero-Daza, Anthropology)

PAST ADVISEES AS COMMITTEE MEMBER AND GRADUATION DATE

2014-2018	Christy Prouty (Ph.D. Committee, Environmental Engineering)
2015-2018	Faisal Alkhuzaim (Ph.D. Committee, Anthropology)
2015-2018	Michael Eduful (Ph.D. Committee, Geosciences)
2016-2018	Olivia Fleming (MA Committee, Sociology)
2013-2018	Gino Collura (Ph.D. Committee, Anthropology)
2013-2018	Cynthia Pace (Ph.D. Committee, Anthropology)
2015-2018	Gabrielle Lehigh (MA Committee, Anthropology)
2015-2017	Cody Winter (MSc Committee, Geosciences)
2013-2016	Robert Bair (Ph.D. Committee, Environmental Engineering)
2014-2016	Laura Baum (M.A./MPH Committee, Anthropology)
2014-2016	Maisha Standifer (Ph.D. Committee, Anthropology)
2007-2015	Jose Moreno-Cortes (Ph.D. Committee, Anthropology)
2011-2015	Melissa VanDyke (Ph.D. Committee, Anthropology)
2011-2015	Kara Rothenberg (Ph.D. Committee, Anthropology)
2014-2015	Carla Castillo (M.A. Committee, Anthropology)
2014-2015	Brian Brijbag (M.A. Committee, Anthropology)
2014-2015	Amy Vargo (Ph.D. Committee, Anthropology)
2013-2015	Pablo Cornejo (Ph.D. Committee, Environmental Engineering)
2014-2015	Leslie Walker (M.A. Committee, Anthropology)
2013-2016	Eric Koenig (M.A. Committee, Anthropology)
2011-2014	Colin Forsyth (Ph.D. Committee, Anthropology)
2011-2014	Nicole Demetriou (Ph.D. Committee, Anthropology)
2012-2014	Maryann Cairns (Ph.D. Committee, Anthropology)
2013-2014	Susan Tyler (M.A. Committee, Anthropology)
2008-2014	Roger Villamar (Ph.D. Committee, Anthropology)
2013-2014	Laurel Dillon-Sumner (MA Committee, Anthropology)
2012-2014	Sarah Fishleder (MA Committee, Anthropology)
2012-2014	Clarisse Barbier (M.A. Committee, Anthropology)
2010-2013	Alicia Alfaro (M.A. Committee, Anthropology)
2012-2013	David Godfrey (M.A. Committee, Anthropology)
2012-2013	Allison Perrett (Ph.D. Committee, Anthropology)
2011-2013	Ben Yoakum (M.Sc. Committee, Masters International/Peace Corps, Civil and Environmental Engineering)
2012-2013	Elizabeth Murray (M.A. Committee, Anthropology)
2010-2012	Mabel Sabogal (Ph.D. Committee, Anthropology)
2010-2012	Lance Arney (Ph.D. Committee, Anthropology)
2011-2011	Claire Oueslati-Porter (Ph.D. Committee, Anthropology)
2012-2013	Maura Denny (MA Committee, Anthropology)
2007-2012	Jason Simms (Ph.D. Committee, Anthropology)
2008-2011	A. J. Faas (Ph.D. Committee, Anthropology)

REBECCA K. ZARGER

2008-2012	Marc Hebert (Ph.D. Committee, Anthropology)
2009-2012	Racine Brown (Ph.D. Committee, Anthropology)
2009-2011	Cecilia Vindrola Padros (Ph.D. Committee, Anthropology)
2008-2011	Heather Wright-Wendel (Ph.D. Committee, Engineering)
2010-2011	Bryan Nichols (Ph.D. Committee, Science Education)
2008-2011	Leslie North (Ph.D. Committee, Geography)
2009-2010	Jennifer Pedraza (M.A. Committee, Anthropology)
2009-2010	Ryan Davis (M.A./M.P.H. Committee, Anthropology and Public Health)
2008-2009	Zaida Darley (M.A. Committee, Anthropology)
2008-2009	Branimir Cvetkovic (M.A. Committee, Sociology)
2008-2009	Cecilia Vindrola Padros (M.A. Committee, Anthropology)
2006-2008	Shoshaunna Parks (Ph.D. Committee, Archaeology, Boston University)
2006-2007	Jennifer Hunsecker (M.A. Committee, Anthropology)

FIU

2004-2006	Nicole Katin (M.Sc. Thesis Director, Environmental Studies)
2004-2005	Christine Beitel (M.A. Committee, Latin American Studies)
2003-2005	Jennifer Loder, (M.Sc. Committee, Environmental Studies)
2003-2006	Kathy Stone (M.Sc. Committee, Environmental Studies)

UNDERGRADUATE HONORS THESES

USF

2014-2015	Chavely Garcia, Department of Anthropology Honors Thesis
2013-2014	Amanda Van Meel, Honors College Thesis
2013-2014	Lauren Gosik, Department of Anthropology Honors Thesis
2009	Christina Reichert, Honors College Thesis
2008	Kristen Dale, Department of Anthropology Honors Thesis
2008	Dominika Krasnyanszky, Department of Anthropology Honors Thesis
2008	David Kanter, Department of Anthropology Honors Thesis

RESEARCH AND PROFESSIONAL TRAINING

“Gender and Sociocultural Complexities of Water Use and Management in the Mara Basin”
January 2006. Fieldwork in the Mara River Basin in Kenya and Tanzania as part of an interdisciplinary integrated conservation and development project focused on water use and management, conservation, and sustainable livelihoods. Research is part of the Global Water for Sustainability (GLOWS) partnership between FIU, WWF, and USAID.

“Conservation and Co-Management of Uxbenka as a Cultural Heritage Site” June-July 2005.
Preliminary fieldwork in collaboration with three archaeologists to establish a co-managed protected area and cultural heritage site surrounding Uxbenka archaeological site with Santa Cruz community in Southern Belize. A 3-5 year project which aims for the community to share and manage benefits of cultural heritage tourism and conservation as well as to integrate cultural identity and history of local Maya into the construction of a museum and interpretive materials.

“Transforming Landscapes: Sociocultural and Ecological Change after Hurricane Iris in Southern Belize” May-June 2004; June-July 2005
Research on how Q’eqchi’ communities have adapted subsistence strategies in the wake of a devastating hurricane and new transformations between local, regional, and transnational political economies. Supported by a Florida International University College of Arts and Sciences Research Award.

REBECCA K. ZARGER

National Science Foundation Short Course on Research Methods in Cultural Anthropology, directed by Michael Paolisso and Raymond Hames, August 1-5, 2005, Duke Marine Laboratories.

National Research Council, National Academies of Science January 2003-June 2003. Conducted research and prepared staff report for the Human Dimensions of Global Change Committee and the NRC Panel on Public Participation in Environmental Assessment and Decision Making.

Dissertation field research. May 2000-October 2001.

Research focused on acquisition and distribution of environmental knowledge among Q'eqchi' Maya children, youth, and adults in southern Belize. Project included ethnobotanical collections and development of biocultural conservation and education initiatives with schools, local non-government organizations and the Forest Department of Belize.

Language training. February-March 2000.

“Escuela Muq B'il B'e”, Cobán, Alta Verapaz, Guatemala. Curriculum focused on grammar and conversational skills in the Q'eqchi' Maya language.

Research Assistant. August-December 1999.

Laboratories of Ethnobiology, Department of Anthropology, University of Georgia. Co-program chair of the 7th International Congress of Ethnobiology, biannual meetings of the International Society for Ethnobiology, held in Athens, GA, in October 2000.

Preliminary dissertation research. August 1999.

Ethnographic research on socialization of environmental knowledge in southern Belize, obtained permission to conduct research from Q'eqchi' study communities.

Ethnographic research. June -August 1999.

Replicated thirty-year-old study on acquisition of botanical terminology by Tzeltal Maya children, to determine loss or persistence of children's plant knowledge over three decades of intense change in one Tzeltal community in Tenejapa, Chiapas, Mexico.

National Science Foundation Summer Institute for Research Design in Cultural Anthropology.

August 2-23, 1998. University of California, Irvine. Intensive training experience in quantitative and qualitative research methodologies, research design, proposal writing, and data analysis software.

Preliminary dissertation research. June-July 1998.

UGA Center for Latin American and Caribbean Studies/Graduate School travel fellowship to conduct research on environmental education and community-based conservation at national and local levels among minority ethnic groups in Belize.

Language training. June-July 1997.

Eco-Escuela, San Andres, Peten, Guatemala. Intensive study of Spanish at language school affiliated with Conservation International.

Qualitative research consultant. June 1995-May 1996.

Planning Department, St. Mary's Medical Center, Knoxville, Tennessee. Conducted community-based health needs assessment to guide collaborative community service initiatives for the Medical Center advisory board.

Resource Assistant. June 1993-August 1993.

REBECCA K. ZARGER

Bureau of Land Management, Buffalo, Wyoming. Survey archaeologist for the Student Conservation Association.

TEACHING ACTIVITIES AND COURSE OFFERINGS

Current and Recent Courses

Foundations in Applied Anthropology, Graduate Anthropological Theory Course (USF)
Cultural Anthropology, Undergraduate (USF)
Environmental Anthropology, Graduate and Undergraduate (USF)
Research Methods in Applied Anthropology, Graduate Qualitative Methods Course (USF)
Anthropology of Childhood (Undergraduate) (USF)
World Ethnographies, Upper-Division Undergraduate (FIU)
Migration and Environmental Change, Graduate Seminar (FIU)
Global Environment and Society, Lower-Division Undergraduate (FIU)
Human Organizations and Ecosystem Management, Upper-Division Undergraduate (FIU)
Population and Environment Issues, Upper-Division Undergraduate (FIU)
Introduction to Anthropology, Honors Undergraduate Seminar (UGA)

Other Courses Prepared to Teach:

Anthropology of Food
Environment, Justice and Rights
Global Conservation and Sustainable Development
Environmental Conflict and Change
Nature and Society
The Anthropology of Stuff: Cultures of Consumption
Anthropological Methods and Data Analysis (Qualitative and Quantitative)
Research Design and Proposal Writing
Maya Ethnography, Ethnohistory, and Archaeology

Adjunct Instructor

2002 Department of Anthropology, University of Georgia

Graduate Teaching Assistant

1996-1999 Department of Anthropology, University of Georgia
Graduate teaching experience included assisting with courses in all four sub-fields of anthropology: Anthropological Linguistics, Introduction to Anthropology (Four-field), Indians of North America, Anthropological Perspectives on Human Sexuality, Human Adaptation

PROFESSIONAL ASSOCIATIONS

American Anthropological Association Member 1996-present

Anthropology and Environment Society

Executive Board, Senior At-Large Member, 2013-2015
Nominating Committee, 2004-2006
Judge, Rappaport Prize Student Panel, AAA Annual Meetings, 2005
Executive Board, *Anthropology News* Editor 2002-2004
Conservation and Community Working Group on Environmental Policy, 2001-present

Council on Anthropology and Education, 2000-2002

Committee on Cultural Transmission; Committee on Ecology and Education

Society for Applied Anthropology Member 1996-present
Elected Fellow in 2007

REBECCA K. ZARGER

Environmental Anthropology Topical Interest Group
Graduate student representative 1999-2000

International Society of Ethnobiology Member 2000-present
Program Organizer, VII International Congress of Ethnobiology, Athens, Georgia 2000

Society of Ethnobiology Member 2000-present
Elected to Board of Directors 2007-2010
Nominating Committee 2008

American Educational Research Association 2002-2003

Anthropology Graduate Student Organization, University of Georgia
President 1997-1999
Student-Faculty Representative 1997-1998

PROFESSIONAL OUTREACH AND SERVICE ACTIVITIES

Departmental and University-Wide Service

University of South Florida 2006-present

Faculty Advisory Committee of Graphicstudio/Institute for Research in Art (2007-present).

College of Arts and Sciences Faculty Development Committee (2011-2012)

College of Arts and Sciences Computer Committee & Steering Committee (2007-2010)

Chair, Anthropology and Education Postdoctoral Search Committee (Fall 2009)

AAREA Travel and Research Award Committee, Department of Anthropology (2009)

Anthropology and Education Postdoctoral Search Committee Member (Spring 2009)

Graduate Program "Task Force" (Fall 2009)

Fathauer Travel Award Planning Committee (2008-2009)

Global Citizenship Workshop, "Global Water Scarcity and Local Conservation," USF Patel Center for Global Solutions, (Fall 2008)

Graduate Program External Specialization Committee (Spring 2008)

AAREA Travel and Research Award Committee, Department of Anthropology (2008)

Post-doctoral Search Committee, (2008-2009)

Angrosino Award Committee, Department of Anthropology (Fall 2007).

Education Strategic Plan Steering Committee, Patel Center for Global Solutions (Summer/Fall 2007)

Sustainable Communities Search, Reviewer for Anthropology Applicant Pool, Department of Anthropology (Spring 2007).

Heritage Studies Concentration Committee, Department of Anthropology (Spring 2007).

University of Oklahoma 2005-2006

Undergraduate Internship Program

Honors Student Thesis Advisor

Committee Member, Speaker's Series, "Knowing Nature"

Florida International University 2003-2005

Graduate Theory Committee, Sociology/Anthropology

Sustainable Communities Working Group, Interdisciplinary Graduate Certificate

Graduate Committee, Environmental Studies

Faculty Secretary, Environmental Studies

Mission Statement/Ph.D. Program Working Group, Environmental Studies

Graduate Committee, Environmental Studies

Faculty Secretary, Environmental Studies

Search Committee, Sociology/Anthropology

REBECCA K. ZARGER

Professional Service

- 2012 Reviewer, *National Science Foundation, Ecology of Food and Nutrition*
2011 Reviewer, *Climatic Change, Human Organization, Human Ecology, National Science Foundation*
2009 Reviewer, *Current Anthropology, Ecology of Food and Nutrition, Human Organization, Ethnobiology Research and Applications*
2008 Reviewer, *American Anthropologist, Current Anthropology, Journal of the Royal Anthropological Institute, Human Ecology*
2007 Reviewer, *Human Ecology, Journal of Anthropological Research, American Anthropologist, Current Anthropology*
2006 Reviewer, *Current Anthropology*
2005 Reviewer, *Economic Botany, Current Anthropology*
2004 Reviewer, *Field Methods*
2004 Reviewer, *Current Anthropology*
2003 Reviewer, *Conservation Ecology*

COMMUNITY OUTREACH AND SERVICE ACTIVITIES

Service Learning Course, Environmental Anthropology, Fall 2015 partnered with Tampa Heights Community Garden and Junior Civic Association

Service Learning Course, Anthropology of Childhood Fall 2012

Service Learning Course, Environmental Anthropology Spring 2013

Service Learning Course and Outreach with Moses House, Sulphur Springs, Florida

Service learning students in Anthropology of Childhood course worked with Moses House youth to establish a youth heritage garden and carried out research related to gardening, healthful foods, nutrition, and food production, Spring 2011.

Service Learning Course, Research Methods in Applied Anthropology

Service learning graduate students worked with the East Tampa Community Garden to carry out a needs assessment of neighbors and school children's interest in gardening at Young Middle School in Tampa Florida. Served on board of the ETCG during project. Spring 2010.

Discussion Facilitator, East Tampa Revitalization Partnership and City of Tampa Brownfields Workshop, Ragan Center, Tampa, Florida, February 2009.

Planning Committee and Education Committee, Seminole Heights Community Garden, Seminole Heights Neighborhood, Tampa, Florida March 2009-2010.

Tampa Bay School Gardening Network, Teacher training workshops on school gardening in Hillsborough County, Parts I and II, in March and October 2008, held at Learning Gate Elementary and Middle School.

Oral history training workshop, Youth Task Force of the Julian Cho Society, Punta Gorda Town, Belize, June 2007.

TOLEDO ENVIRONMENTAL AND CULTURAL HERITAGE ALLIANCE (TEACHA)

Building on earlier project in the area of indigenous environmental education, an ongoing collaboration between Maya leaders, educators, parents, and local organizations is being developed to bring bilingual, environmental and cultural heritage education curricula that emphasize the value of local environmental knowledge and local environments to primary and

REBECCA K. ZARGER

secondary schools in Toledo District, Belize. See www.teacha.org for more information. Founded 2010 by R. Zarger and K. Baines, TEACHA workbooks (first edition) for teachers published in May 2014.

Invited Participant, Workshop on “*Public Participation in Environmental Decision Making and Deliberation*,” National Research Council, Human Dimensions of Global Change Committee, Panel on Public Participation. Held at the National Academies of Science, Washington, DC. February 2-5, 2005.

Invited Participant, First Meeting of the National Research Council Panel on Environmental Decision Making and Assessment, National Academies of Science, Washington D. C., August 2003.

Environmental education and biocultural diversity conservation initiatives. November 2000-September 2001. Environmental education and conservation initiatives in Toledo District, Belize, in conjunction with the Forest Department of Belize and local non-government organizations such as the Belize Indigenous Training Institute (BITI). Projects included an interpretive plant trail featuring local wild and semi-cultivated plant resources, a traveling herbarium, and presentations to school children and organizations.