

REBECCA K. ZARGER

ADDRESS

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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

Cultural anthropology, environmental anthropology, ethnographies of childhood, political ecology of water, urban ecology, climate change, coastal sustainability, ecologies of learning, environmental and cultural heritage, urban agriculture, public engagement in environmental policy, Central America and the Caribbean

POSITIONS HELD

- 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)
- 2017-2020 *Graduate Director*, Department of Anthropology, University of South Florida, Tampa, Florida
- 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

- 2025-2026 University of South Florida Humanities Institute, Faculty Fellow Award for academic yearlong collaborative cohort, focused on the theme, *Multispecies Ecologies: Bridging the human/nature divide*. Jointly awarded with Kellan Anfinson (Asst. Prof., School of Interdisciplinary Global Studies, USF) and

REBECCA K. ZARGER

- Estelí Jimenez Soto (Asst. Prof., Geosciences, USF). An interdisciplinary cohort to support faculty teaching releases (1 course per semester), research and development of walking seminars, multi-media art creation, and invited speakers at USF throughout the year.
- 2022-2027 NSF Large-Scale CoPe HUB: Coastlines and People, “Strong Coasts: Equitable Solutions for People and Nature,” [Large-scale CoPe: Reducing Climate Risks with Equitable Nature-based Solutions: Engaging Communities on Reef-Lined Coasts](#). Maya Trotz, PI (USF-lead institution), Rebecca Zarger, Co-PI, (USF-lead institution), Michael Beck (Co-PI, UC Santa Cruz), Marilyn Brandt (Co-PI, University of the Virgin Islands), \$20 million. USF Anthropology sub-award: \$800,000.
- 2022-2025 Frank Muller-Karger (PI), Co-PIs: Rebecca Zarger, Dorton, C. Simoniello, J. Kilborn; “Climate Change Indicators Across the National Marine Sanctuaries System.” Submitted to NOAA, October 2021. NOAA-OAR-CPO-2022-2006799. Start date: Aug 2022-Aug 2025. \$750,000. Funded.
- 2022-2024 NSF “Blue Economies” Convergence Accelerator Track E, “[Blue-Green Action Plan](#)”, Phase II, BlueGAP: connecting communities upstream and downstream to improve nitrogen management, with Black in Marine Science and Tampa Bay Estuary Program, Maya Trotz, (PI), Co-PIs: Maya Burke, David Cwiertny, Rebecca Zarger (Co-PI), Tiara Moore, \$5,000,000. Project website: <https://blue-gap.org/>
- 2021-2023 NSF “Blue Economies” Convergence Accelerator, Phase I: “Blue-Green Action Plan”, with Black in Marine Science and Tampa Bay Estuary Program, Maya Trotz, (PI), Rebecca Zarger (Sr. Personnel), Co-PIs: Frank Muller-Karger, Maya Burke, David Cwiertny, Steven Meyers. \$750,000. Funded.
- 2020-2021 Co-PIs Maya Trotz and Rebecca Zarger, “Development of a University of South Florida Strong Coasts Convergence Center” USF Research Advisory Committee Strategic Investment Pool proposal grant awarded in January 2020. Amount: \$100,000. April 2020-May 2021.
- 2017-2023 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
- 2017-2019 Jennifer Collins (PI), Robin Ersing (Co-PI), Rebecca Zarger, Shawn Landry, Mark Hafen, Mark Luther, Faculty Mentors. NSF REU: Weather, Climate and Society: An interdisciplinary approach integrating physical and social sciences. Award period: May 31, 2017 to Dec. 31, 2019. Summer 2018 supervised 3 REU undergraduate students in summer field experience focused on urban perceptions of climate change in Tampa Bay.
- 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

REBECCA K. ZARGER

- Education (PIRE): Context Sensitive Implementation of Synergistic Water-Energy Systems.” National Science Foundation. \$3.9 million
- 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.
- 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 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

REBECCA K. ZARGER

- 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.
- 1999 Research Assistantship, Laboratories of Ethnobiology, Department of Anthropology, University of Georgia
- 1996-1999 Graduate Teaching Assistantship, Department of Anthropology, University of Georgia

REBECCA K. ZARGER

1998 Graduate Student Summer Travel Fellowship awarded by University of Georgia Center for Latin American and Caribbean Studies (CLACS)

Graduate Student Research Grant Awards

2021 Atte Penttila (Co-PI) and Rebecca Zarger (PI) National Science Foundation DDRIG. "Doctoral Dissertation Research: Farmer Organizations and Development Actors in a Pandemic: Responses to COVID-19 and the Food-Water-Energy Nexus."

2009 Carylanna Taylor Bahamondes, Co-PI and Rebecca Zarger, PI. National Science Foundation Dissertation Improvement Grant (DDRIG). "Watershed Management in the Wake of Emigration: Transnational Flows of Remittances and Capital in Rural Households and Communities." 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

2024 Rebecca Zarger and Amelia Moore. Community Engaged Fund, American Anthropological Association, awarded to Anthropology and Environment Society for "Environmental Injustice and Place-Keeping Walking Tour" event associated with annual meetings in Tampa, Florida, November 22, 2024 (\$2500).

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.

REBECCA K. ZARGER

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- 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).

Awards - Other

- 2024 National Science Foundation (NSF) and Every Page Foundation (EPF) 2024 Ocean Decade Champion, a monetary award to support women's leadership activities, networking opportunities, technical and communications training and cross-disciplinary and intercultural scientific endeavors. [NSF Award Number: 2209284](#)
- 2018 Annual Duckwall Lecture at University of South Florida St. Petersburg, entitled, "Visualizing climate futures in the Tampa Bay region", with Dr. Rebecca Johns and Dr. Barnali Dixon, USFSP Environmental Sciences (2018).
- 2019 Department nominee, Outstanding Graduate Faculty Mentor Award, University of South Florida

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 two decades of research with Q'eqchi' and Mopan Maya children and families on environmental knowledge and practice in Toledo District, Belize for submission to University of Arizona Press.

PEER-REVIEWED ARTICLES

*denotes students directly mentored as major advisor or committee member

- 2024 W. Alex Webb*, E. Christian Wells, Christine Prouty*, Rebecca Zarger, Maya Trotz "Ethics and ambiguity in wastewater development on the Placencia Peninsula, Belize". *Annals of Anthropological Practice* Volume 48 (I):130-145. <https://doi.org/10.1111/napa.12215>.
- 2024 Kristina Baines* and Rebecca Zarger. "Dilemmas of making and unmaking environmental and cultural heritage in Southern Belize." *International Journal of Heritage Studies* 30(9): 1088–1102. <https://doi.org/10.1080/13527258.2024.2369556>
- 2024 Negrón, Rosalyn, Amber Wutich, H. Russell Bernard, Alexandra Brewis, Alissa Ruth, Katherine Mayfour, Barbara Piperata, Melissa Beresford, Cindi SturtzSreetharan, Pardis Mahdavi, Jessica Hardin, Rebecca Zarger, Krista Harper, James Holland Jones, Clarence C. Gravlee, and Bryan Brayboy. 2024. "Ethnographic methods: Training norms and practices and the future of American anthropology." *American Anthropologist* 126: 458–469. <https://doi.org/10.1111/aman.13991>.
- 2024 Andrew K. Koeser, Richard J. Hauer, Michael G. Andreu, Robert Northrop, Mysha Clarke, John Diaz, Deborah R. Hilbert, Cecil C. Konijnendijk, Shawn M. Landry, Grant L. Thompson, Rebecca Zarger, "Using the 3-30-300 Rule to Assess Urban

REBECCA K. ZARGER

- Forest Access and Preferences in Florida (United States) *Arboriculture & Urban Forestry* (AUF) May 2024, 50 (3) 241-257; <https://doi.org/10.48044/jauf.2024.007>
- 2022 Kris-An Hinds*, Michelle C. Platz, Rebecca Zarger, Mauricio E. Arias; Engaging in Interdisciplinary Coastal Research During a Pandemic. *Human Organization* 1 September 2022; 81 (3): 271–279. doi: <https://doi.org/10.17730/1938-3525-81.3.271>
- 2022 Alissa Ruth, Katherine Mayfour, Jessica Hardin, Thurka Sangaramoorthy, Amber Wutich, H. Russell Bernard, Alexandra Brewis, Melissa Beresford, Cindi SturtzSreetharan, Bryan McKinley Jones Brayboy, H.J. François Dengah, Clarence C. Gravlee, Greg Guest, Krista Harper, Pardis Mahdavi, Siobhán M. Mattison, Mark Moritz, Rosalyn Negrón, Barbara A. Piperata, Jeffrey G. Snodgrass, Rebecca Zarger. “Teaching Ethnographic Methods: The State of the Art.” *Human Organization* 1 December 2022; 81 (4): 401–412. doi: <https://doi.org/10.17730/1938-3525-81.4.401>
- 2020 C.A. Vitous* and R. K. Zarger. “Visual Narratives: Exploring the Impacts of Tourism Development in Placencia, Belize.” *Annals of Anthropological Practice*, Vol. 44, No. 1, pp. 104–118. <https://doi.org/10.1111/napa.12135>
- 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* Volume 6, Issue 2: 277-290. Special Issue: Water and Economy. <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. <https://doi.org/10.1016/j.scs.2016.12.009>
- 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* <https://doi.org/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. <http://dx.doi.org/10.1016/j.jclepro.2014.08.050>
- 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 Carothers, C., M. Moritz, and R. Zarger. Introduction: conceptual, methodological, practical, and ethical challenges in studying and applying indigenous knowledge. *Ecology and Society* 19(4): 43. <http://dx.doi.org/10.5751/ES-07212-190443>.

REBECCA K. ZARGER

- 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 a rapidly urbanizing city in Latin America. *Landscape and Urban Planning*. Volume 107, Issue 3:pp. 272-282. <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.

PEER-REVIEWED ARTICLES UNDER REVIEW/IN PREPARATION

- Under Rev. Davis, Brittany, Brittany Y. Davis, Estenia Ortiz Carabantes, Sherilyne Jones, Rebecca Zarger, Hillary M. Van Dyke, Walter Smith III, Linden Cheek, David Cwiertny, Maya Burke, Tiara Moore, Christine Prouty, Maya Trotz, "Learning Together: Navigating the Interconnected Waters of Storytelling, Nitrogen Pollution, and Codesign in Coastal Communities across 3 Watersheds" submitted 8.2024 to *Environmental Research Letters*; revised and resubmitted 3.2025.
- In Prep. Zarger, Rebecca K. "When scaling up may mean losing out: Intensifying coastal tourism development, water, and wastewater infrastructures in Belize" *WIRES Water* special issue on Water and Identity. Submission December 2024.
- Under Revision Zarger, Rebecca K. "Displacement at home: The reorganization of space, resource access, and mobility after Hurricane Iris in southern Belize." *Human Organization*.
- In Prep. Zarger, Rebecca K., "Where are the kids? Placing children in a political ecology of education," Manuscript for submission 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

REBECCA K. ZARGER

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. “Cultivating legacies: Youth gardening in urban environments” In preparation to *Children, Youth, and Environments*.

BOOK CHAPTERS

Submitted Zarger, Rebecca K. “Engaged Environmental Anthropology” invited book chapter, for the *Routledge International Handbook of Environmental Anthropology* 2nd Edition, Eleanor Shoreman-Ouimet, Jessie Fredlund, and Helen Kopnina, Editors.

2021 Wells, E. C., Linda Whiteford, and R. K. Zarger. “Spaghetti and Waffles: Anthropologists and Engineers” Case study summary excerpt, in *What Anthropologists Do* by Veronica Strang. Routledge Publishers.

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.

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

2023 Baines, Kristina and R.K. Zarger, “Negotiating Heritage Through Practice: Community Engagement at the Intersection of Ethnography and Archaeology” in *Practicing Anthropology* (2023) 45 (4): 9–16.
<https://doi.org/10.17730/0888-4552.45.4.9>

2019 R. K. Zarger, Gina Larsen*, Alexis Winter*, Libby Carnahan, Ramona Madhosingh-Hector, Lara Milligan, and Justin Winn (2019) Partnerships to Visualize Climate Change Futures in Tampa Bay, Florida. *Practicing Anthropology*: Summer 2019,

Vol. 41, No. 3, pp. 42-47. <https://doi.org/10.17730/0888-4552.41.3.42>

- 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

- 2023 Trotz, MA, Webb, WA, Brinton, A, Zarger, RK, Carne, L, Bood, N, Hinds, K, McKenna, R, Fogg, S, Neal, J, Guerry, A, Lasserre, CG, Gutierrez, D, Silver, J, Moore, T, Beck, M. (2023) Nature-Based Solutions Workshop Report: Placencia, Belize (report no. 3). Strong Coasts. [DOI:10.5038/LEEY7236](https://doi.org/10.5038/LEEY7236)
- 2022 Landry, Shawn, Andrew Koeser, Rebecca Zarger, Kira Rib*, Allyson Salisbury, Allison Bednar, Zachary Freeman (2022). *City of Tampa Tree Canopy and Urban Ecological Analysis 2021*. Tampa, FL: City of Tampa, Florida. 150 page report to the City of Tampa to be shared with City Council, City of Tampa Natural Resources unit and the public. R. Zarger, Lead author on sub-section social science data presented in report on Social Equity and Values in Tampa’s Urban Forest.
- 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 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.

REBECCA K. ZARGER

- 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 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.

REBECCA K. ZARGER

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- 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 1998-2022; Production Editor 2022-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

- 2025 Rebecca Zarger, Kris-An Hinds, W. Alex Webb, Rory McKenna, Linden Cheek, Monique Vernon, Natasha Gibson, Delcia McDougall, Maya Trotz. “Sketching Out Climate Futures in Coastal Belize: Participatory Collaboration, Equity, and ‘Nature-Based Solutions’, from Mangroves to Reefs,” Paper presented for the session Positioning Justice at the Forefront of Climate Science: Community Engagement and Lessons for an Equitable Future, organized by Alexandra Stevenson and Cynthia Grace-McCaskey, Society for Applied Anthropology Annual Meeting, Portland Oregon, March 28, 2025.
- 2025 Kris-An Hinds, Rebecca Zarger, Monique Vernon, Natasha Gibson, Delcia McDougall, Maya Trotz, “Broadening Participation for Equitable Coastal Resilience: A Community-Driven Approach in Belize,” Paper presented for the session Positioning Justice at the Forefront of Climate Science: Community Engagement and Lessons for an Equitable Future, organized by Alexandra Stevenson and Cynthia Grace-McCaskey, Society for Applied Anthropology Annual Meeting, Portland Oregon, March 28, 2025.
- 2024 Rebecca Zarger, Roundtable Presenter, “Teaching the City: Pedagogical Approaches to Urban Anthropology Learning in and around the Classroom,” session, organized by Critical Urban Anthropology Association, November 21, 2024, American Anthropological Association Annual Meetings, Tampa, Florida.
- 2024 Kira Rib, Rebecca Zarger, and Shawn Landry. “Health Equity and Environmental Justice in the Urban Forest: Witnessing Human-Ecological Entanglements through the Tampa Tree Canopy Study,” Paper presented at the Society for Applied Anthropology Annual Meeting, Santa Fe, New Mexico, March 28th, 2024.
- 2024 Sherilyne Jones; Brittany Davis, Rebecca Zarger. “Engaging communities experiencing water pollution in urban environments: Collaborating with “Nitrogen champions,” Paper presented at the Society for Applied Anthropology Annual Meeting, Santa Fe, New Mexico, March 28th, 2024.

REBECCA K. ZARGER

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- 2024 Rebecca Zarger, Maya Trotz and Cynthia Grace-McCaskey. Introduction for session, “Interdisciplinary Research on Climate Hazards Risks, Possible Futures, and Co- Design of ‘Nature-Based Solutions’ in the Caribbean,” Paper presented at the Society for Applied Anthropology Annual Meeting, Santa Fe, New Mexico, March 28th, 2024.
- 2024 Rebecca Zarger, panelist, “Working at the Intersection of Natural, Human-Built, and Social Systems: A Dialogue with Coastlines and People Projects,” NOAA’s Social Coast Forum Conference, Charleston, South Carolina. February 14, 2024.
- 2024 Shawn Landry, Rebecca Zarger, Allison Bednar, Rory McKenna. “I was under the impression that all people like to have trees planted in front of their houses, until I started planting trees in front of houses” for Trees in the City session at American Assoc. of Geographers, Honolulu, HI, April 2024.
- 2023 Rebecca Zarger, Kira Rib, Shawn Landry. “Live Oaks and Dead Oaks: Pasts/futures of Urban Forest Worlds in Florida” in a session titled, “Future forests/Ghost forests”, Paper presented at American Anthropological Association Meetings, Toronto, Canada, Nov. 15-19th, 2023.
- 2023 Lee McGloughlin, James Stinson, Rebecca Zarger, “When Ontopower Targets the State: Poaching, Preemption and the Militarization of Conservation in Belize,” Paper presented at American Anthropological Association Meetings, Toronto, Canada, Nov. 15-19th, 2023.
- 2023 Stinson, James, Lee McLoughlin and Zarger, Rebecca. “SMART Conservation? Real Time Rangers, Predictive Patrols and Algorithmic Ontopower in Belizean Protected Areas.” Paper presented at the joint annual meetings of the American Anthropology Association and Canadian Anthropology Association, Toronto, ON, Nov. 15-19, 2023.
- 2023 Stinson, James, Lee McLoughlin and Rebecca Zarger. The Transition from Intimate Government to Algorithmic Ontopower in Belize. Political Ecology. SMART Conservation? Exploring Network (POLLEN) Biennial Conference, Durban, S.A., June 28-July 1, 2023.
- 2023 Prouty, C., Smith, W., Watkins, S., Moore, T., Cheek, L., Ellis, A., Davis, B., Zarger, R., Burke, M., Cwiertny, D., Demir, I., Muller-Karger, F., Meyers, S., Trotz, M. (2023) *Bridging communities upstream and downstream for nitrogen management: an inclusive, people-centered platform and capacity-building initiative*. Association of Environmental Engineering and Science Professors Research and Education Conference, Boston, MA, June 20th-24th, 2023.
- 2023 Shawn Landry, Rebecca Zarger, Kira Rib. “Social Equity, Housing Development and Risk in the Urban Forest: The Tampa Tree Canopy Study” Paper presented at the American Assoc. of Geographers Annual Conference. Denver, Colorado, March 25, 2023.
- 2022 Rebecca Zarger, Alex Webb, Kris-An Hinds, Estenia Ortiz Carabantes, Maya Trotz, Heather Hopkins. "Virtual Visioning for Strong Coasts: Multi-sited participatory stakeholder engagement during a pandemic", March 24, 2022. Society for Applied Anthropology Meetings, Salt Lake City, Utah.

REBECCA K. ZARGER

- 2022 Kris-An Hinds, Michelle Platz, Rebecca Zarger, Mauricio Arias "Performing Interdisciplinary Coastal Research During A Pandemic Utilizing Anthropological and Environmental Engineering Methodologies." March 24, 2022. Society for Applied Anthropology Meetings, Salt Lake City, Utah.
- 2022 Stinson, James, Tienke Dykstra, Rebecca Zarger, and Lee McLoughlin. SMART Conservation? Protected Area Management and Algorithmic Ontopower in Belize. Royal Anthropological Institute Conference: Anthropology, AI and the Future of Human Society. Virtual Conference, June 6-10, 2022. For panel, "Informed Environments" organized by Hannah Knox and Emilie Glazer, Kim Fortun, discussant.
- 2022 Jessica Balerna, Luanna Prevost, Rebecca Zarger, David Lewis, 2022. Ecological Society of America. "Evaluating trade-offs and co-benefits among biophysical and cultural ecosystem services in freshwater wetlands impaired by groundwater extraction" paper presentation 8/2022.
- 2022 Trotz, M., Zarger, R.; Jones, S. Blue-Green Action Platform (BlueGAP) Storytelling, Diversity, Equity and Inclusion. *National Science Foundation Convergence Accelerator EXPO*, 7/26/2022. Virtual presentation.
- 2022 Tiara Moore, Linden Cheek, April Ellis, Brittany Davis, Christine Prouty, Rebecca Zarger, Maya Burke, David Cwiertyny, Ibrahim Demir, Frank Muller-Karger, Stephen Meyers, Maya Trotz. "Bridging communities upstream and downstream for nitrogen management, building an inclusive people-centered platform" paper presented at Restoring America's Estuaries Summit: Resilient Coasts, Resilient Communities, Dec. 4-8, 2022
- 2021 M. Trotz, R. Zarger, H. Hopkins. "NRT-INFEWS: Systems Training for Research ON Geography-based Coastal Food Energy Water Systems," National Science Foundation Research Traineeship (NRT) Annual Meeting: SHAPING 21ST CENTURY STEM GRADUATE EDUCATION Jan. 28-29, 2021|Virtual Meeting.
- 2021 Webb, A., M. Trotz, R.K. Zarger, E.C. Wells. "Managing Human Waste as a Wicked Problem" Caribbean Studies Association, "Engaging for Climate Change in the Caribbean".
- 2021 R.K. Zarger "Seeing Double: Planning for Climate Futures and Negotiating an Uncertain Present Along Urban Coastlines," Paper presented at American Anthropological Association Meetings, Baltimore, Maryland.
- 2019 Rebecca Zarger, "Climate Futures and Waterscapes in Tampa Bay Florida," Paper presented at American Anthropological Association Meetings, Vancouver, CANADA, November 2019.
- 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.

REBECCA K. ZARGER

- 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.
- 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.

REBECCA K. ZARGER

- 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.
- 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.

REBECCA K. ZARGER

- 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.
- 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.

REBECCA K. ZARGER

- 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.
- 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.

REBECCA K. ZARGER

- 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.
- 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,

REBECCA K. ZARGER

- 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.
- 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.

REBECCA K. ZARGER

- 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.
- 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.

REBECCA K. ZARGER

- 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

- 2024 Workshop co-organized by Claire Panetta, Angela Storey, Rebecca Zarger, "Urban Ethnographic Research Knowledge Exchange," Co-sponsored by NSF BlueGAP, Tampa Heights Junior Civic Association, Anthropology & Environment Society, Critical Urban Anthropology Association at the American Anthropological Association Annual Meetings, November 23, 2024, Tampa, Florida.
- 2020-2021 Co-organized Strong Coasts Convergence Center Workshops with NSF Strong Coasts faculty and graduate students, focused on visioning and feasibility for establishing a collaborative engaged research center at USF with a focus on interdisciplinary coastal sustainability research, activities, and co-design services. Series of 3 virtual workshops over the year-long period with 50 participants from the Tampa Bay area, Florida, across the U.S. and the Caribbean. Recommendations incorporated into NSF COPE Coastlines and People proposal (funded in 2021).
- 2020 Co-organized an NSF-Funded collaborative workshop called, "Indigenous Co-Innovation at the Nexus of Food, Energy, and Water Systems (Co-InFEWS): Shared challenges, shared understanding and shared solutions for food, energy, and water systems," focused on ways higher education institutions and researchers can collaborate with Indigenous communities, held virtually June 15-19, 2020. More than 125 virtual participants from U.S. and abroad, co-hosted with UC Berkeley, University of Arizona, University of South Florida and Diné College.
<https://blumcenter.berkeley.edu/academics/infews/workshop/>.
- 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, 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.

REBECCA K. ZARGER

- 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.

SELECTED INVITED PRESENTATIONS, PUBLIC LECTURES, AND TALKS

- 2024 Rebecca Zarger, “Hurricanes and Resilience of Tampa’s Urban Forest”, Post-Hurricane Recovery co-sponsored by the Tampa Bay Regional Planning Commission and USF Office of Community Engagement, USF, December 2, 2024.
- 2024 Rebecca Zarger, Sherilyne Jones, Brittany Davis, et al., “Engaging Communities Experiencing Water Pollution in Urban Environments: the BlueGAP Project,” presentation to the Tampa Bay Estuary Program Social Science Subcommittee, May 22, 2024.
- 2023 “Qualitative Methods and Qualitative Inquiry,” Panelist on presentation to graduate student organization, University of South Florida, Student Organization for Qualitative Methodologies (SOQM). <https://www.youtube.com/watch?v=32SF79qswzE>
- 2023 “Tampa Tree Canopy Study Findings” Invited presentation to City of Tampa City Council, November, 2023. Public presentation at City Council workshop (public recording available) and discussion of efforts to address tree canopy loss by City Council and City staff.
- 2023 “Tampa Tree Canopy Study Workshop”, invited public presentation of the findings of the Tree Canopy Study, with USF Water Institute director Shawn Landry and Andrew Koeser, July 2023 public workshop with City of Tampa staff.
- 2021 “Seeing Double: Planning for Climate Futures and Negotiating an Uncertain Present Along Urban Coastlines” invited panelist for American Anthropological symposium, *Humanity at 419*, organized by Ed Liebow, AAA Executive Director, November, 2021, Baltimore, MD.
- 2021 R. Zarger, Invited Panelist, “Anthropology and the Public: Pressing Questions, Responsibilities and Opportunities.” March 1, 2021. Virtual Workshop organized by Cool Anthropology and supported by Wenner-Gren Foundation, NY.
- 2020 Zarger, R. Invited Lecture, USF Environmental and Water Resources Engineering (EWRE) Seminar Series: “Visualizing Climate Future in the Tampa Bay Region: Flooding, Water Infrastructure and Coastal Resilience.” March 6, 2020

REBECCA K. ZARGER

- 2020 Zarger, R. Moorehouse School of Medicine/Environmental Defense Fund, invited panelist for climate equity event, November, 2020. The Satcher Health Leadership Institute (SHLI) at Morehouse School of Medicine and Environmental Defense Fund (EDF) partnered to convene a small group of state leaders from Florida, Georgia and North Carolina to discuss the impact of climate change on vulnerable populations. Invited to prepare remarks on the Congressional Climate Action Plan.
- 2019 “Visualizing Climate Futures in the Tampa Bay Region,” Invited Lecture, Abess Center for Ecosystem Policy, February 6, 2019, University of Miami, Miami, Florida.
- 2019 “Visualizing Climate Futures in the Tampa Bay Region,” Invited panelist and discussant, USF STEM Collaborative Event called “Science, Strategies and Solutions: Addressing Climate Change in Tampa Bay,” held at USF Morsani College of Medicine.
- 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 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

REBECCA K. ZARGER

- 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.
- 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.

REBECCA K. ZARGER

- 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
- 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

CURRENT GRADUATE ADVISEES

- 2022-Dec. 2024 Rory McKenna (MA Advisor, Anthropology)
- 2022-Dec. 2024 Alex Whitacre (MA Advisor, Anthropology)
- 2021-present Jessica Vinson (Dissertation Director, Anthropology)
- 2022-present Kira Rib (Dissertation Director, Anthropology)
- 2020-present Sherilyne Jones (Dissertation Director, Anthropology)
- 2022-present Marie Meranda (Co-Dissertation Director with Dr. Diane Wallman)
- 2019-May 2025 Kris-An Hinds (Dissertation Director, Anthropology)
- 2024-present Nigel Encalada (Dissertation Director, Anthropology)

REBECCA K. ZARGER

CURRENT GRADUATE STUDENT COMMITTEES

2024-present	Alexandra Stevenson (Ph.D. Committee, Dept. of Coastal Studies, East Carolina University)
2024-present	Tailyn Osorio (Ph.D. Committee, Anthropology)
2025-present	Caroline Stahey (MA Committee, Anthropology)
2025-present	Tyler Koerner (MA Committee, Anthropology)
2024-present	Alessandra Ruiz (MA Committee, Anthropology)
2023-present	Eric Campbell (Ph.D. Committee, Anthropology)
2021-May 2025	Linden Cheek (PhD Committee, Env. Engineering)
2022-present	Daniel Delgado (PhD Committee, Env. Engineering)
2022-present	Melissa Sedlacik (Ph.D. Committee, Anthropology)
2022-present	Jaime Rogers (Ph.D. Committee, Anthropology)
2019-present	Raquel Chun, D. Phil. University of Durham, UK, Geosciences
2019-present	Racheal McCormick (M.A. Committee, Anthropology)
2020-present	Marie Meranda (Ph.D. Committee, Anthropology)
2019-present	Ramona Madhosingh-Hector (Ph.D. Committee, Geosciences)

PAST ADVISEES AS MAJOR PROFESSOR AND GRADUATION DATE

2018-2022	Atte Penttila (Dissertation Director, Anthropology)
2017-2022	Wendy Rib (Dissertation Director, Anthropology)
2019-2022	Alex Webb (Co-dissertation Director, Anthropology)
2018-2022	Heather Henderson (Dissertation Director, Anthropology)
2015-2021	Sarah Bradley (Dissertation Director, Anthropology)
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. /M.P.H. 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)
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

2020-2024	Estenia Ortiz Carabantes (PhD Committee, Env. Engineering)
2017-2023	Jean Louise Lammie (Ph.D. Committee, Anthropology)
2023-2024	Natasha Sutton (MSc Committee, Env. Engineering)
2020-2024	Martha McAlister (PhD Committee, Env. Engineering)

REBECCA K. ZARGER

2022-2023	Fourough Shakarmamadova (MSc Committee, Geosciences)
2020-2023	Yoel Gebrai (PhD Committee, Env. Engineering)
2019-2023	Jessica Balerna (Ph.D. Committee, Integrative Biology)
2019-2023	Kendal Jackson (Ph.D. Committee, Anthropology)
2020-2023	William Lucas (Ph.D. Committee, Anthropology)
2017-2022	Russ Edwards (Ph.D. Committee, Anthropology)
2017-2021	Lia Berman (Ph.D. Committee, Anthropology)
2014-2021	Bernice Lopez (Ph.D. Committee, Anthropology)
2019-2021	Estenia Ortiz Carabantes (M.Sc. Committee, Env. Engineering)
2019-2020	Linden Cheek (M.Sc. Committee, Env. Engineering)
2018-2020	Mathews Wakhungu (Ph.D. Committee, Anthropology)
2018-2020	Kevin Martyn (Ph.D. Committee, Geosciences)
2016-2020	Katie Shakour (Ph.D. Committee, Anthropology)
2015-2020	Cori Bender (Ph.D. Committee, Anthropology)
2014-2020	Zaida Darley (Ph.D. Committee, Anthropology)
2019-2020	Blair Bordelon (M.A. Committee, Anthropology)
2016-2019	Anthony Tricarico (Ph.D. Committee, Anthropology)
2015-2019	Sarita Panchang (Ph.D. Committee, Public Health/MA Anthropology)
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)

REBECCA K. ZARGER

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)
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 Beitzl (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

2022-2023	Tyler Koerner, Department of Anthropology Honors Thesis
2021-2022	Tori Hill, Department of Anthropology Honors Thesis
2020-2021	Jacqueline Barszewski, Department of Anthropology Honors Thesis
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 PRIOR TO CURRENT POSITION

“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

REBECCA K. ZARGER

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.

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.

REBECCA K. ZARGER

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.

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

TEACHING ACTIVITIES AND COURSE OFFERINGS

More-Than-Human: Multi-Species Ethnographies (USF)

Proseminar in Research Design and Proposal Writing, Doctoral Student Seminar (USF)

Florida Waterscapes, Graduate Seminar (USF)

Food, Energy, and Water: Interdisciplinary Course co-taught with Environmental Engineering Faculty (USF)

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:

Anthropocene Worlds

Climate Futures

Anthropology of Food

Environmental Justice

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)

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

REBECCA K. ZARGER

PROFESSIONAL ASSOCIATIONS

American Anthropological Association Member 1996-present

Anthropology and Environment Society

Past-President, 2023-2025

President 2021-2023

President-Elect, 2019-2021

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, 2001-2003

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

Environmental Anthropology Topical Interest Group

Graduate student representative 1999-2000

International Society of Ethnobiology Member 2000-2006

Program Organizer, VII International Congress of Ethnobiology, Athens, Georgia 2000

Society of Ethnobiology Member 2000-2012

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

Public and Professional Service During the Last Five Years:

R. K. Zarger 2017 Invited Public Lecture: Hops and Humanities Talk “Seeing Beyond Sea Level Rise” on Climate Change in Tampa Bay. October 2017.

Co-Editor-in-Chief of the *Journal of Ecological Anthropology* 2017-2022

Sea Grant Advisory Committee for Pinellas County Florida 2017-2021

Review Panelist, National Science Foundation Cultural Anthropology Program 2021-2023

Member, Tampa Bay Water Ad-Hoc Advisory Committee (2017, 2022-2023)

Reviewer/Panelist, ACLS Dissertation Fellowships 2022

Member of the Agency, Capacity, Programs, Nutrition, and Research Committee, Feeding Tampa Bay, 2017-2018

REBECCA K. ZARGER

External Review Board for National Socio-Environmental Synthesis Center, NSF-funded/University of Maryland research center for 2-year term to carry out peer review three times a year on proposals for interdisciplinary research

Participant, regional planning organization meetings focused on climate change and coastal resilience, Tampa Bay Regional Planning Commission (TBRPC), 2020-2021.

Invited Guest, Local radio station WMNF, “Sustainable Living Show” to discuss research on Tampa’s Urban Forest and Tree Canopy Study in July 2022 and July 2023

Invited Guest, National Academies of Sciences, Engineering, and Medicine, Board on Environmental Change and Society, “Managed Retreat in the U.S. Gulf Coast Region” workshop/community consultation. Invited by CLEO Institute, Tampa to attend the workshop, USF St. Petersburg, Florida.

Presentations to Tampa City Council about social equity and changes in Tampa’s urban tree canopy cover as well as perceptions and meanings of trees for residents May and November 2023.

USF Significant Service:

Member of the USF Garden Research Collaborative 2017-2019

Member of the Anthropocene Working Group USF 2017-2019

College of Arts and Sciences Graduate Curriculum Committee 2017-2020
Chair, Dept of Anthropology Faculty Advisory Committee 2017-2018
Graduate Director, Department of Anthropology 2017-2020

Graduate Committee Chair, 2017-2020

Provost’s USF Graduate and Professional Student Success Committee; and Graduate and Professional Student Success steering committee responsible for final report with recommendations to Provost’s Office July 2019-June 2020

Service at the University of South Florida 2006-2017:

Departmental and University-Wide Service

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)

REBECCA K. ZARGER

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

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 ENGAGED RESEARCH AND SERVICE ACTIVITIES

2017-2020 Tampa Heights Junior Civic Association, Tampa Heights Community Garden, and USF Anthropology undergraduate and graduate students research on impacts of community gardening on informal science education, diet and nutrition, youth opportunities with ANT 4403 Environmental Anthropology service learning courses taught between 2016-2019. Assisted with successful proposal to Aetna Foundation to support research, education, and outreach activities with THJCA and THCG.

2017-2018 "Climate: Change the Conversation" Workshop series (5 total) with Sea Grant, Tampa Bay Area Environmental Professionals/collaboration with University of Florida IFAS & NAAEE/National Issues Forum on Climate Change.

Public workshops on impacts of climate change in Tampa Bay in partnership with Sea Grant/Pinellas County Extension and Tampa Bay Estuary Program

REBECCA K. ZARGER

2017-2023 Community engagement was an ongoing aspect of the NSF National Research Training (NRT) program called Strong Coasts. 5 years, \$2.9 million award funding for 30 graduate students. Anthropology sub-award budget for the grant is approximately \$400,000, and funds 6 doctoral students for \$34k over 12 months, including tuition, fees, and health insurance as well as travel to field courses and challenge grants for interdisciplinary team research. Three offerings of interdisciplinary field-based courses on community engaged sustainability research in Belize (2019, 2021, 2023). Focused on Food-Energy-Water Systems and Community Engaged research in Belize, Florida, US Virgin Islands, and Barbados. Research and community partnerships directly contributed to securing the \$20 million NSF COPE award for USF in 2022.

2020 Strategic Investment Pool (SIP) grant awarded in 2020 (\$100,000), Co-PI, Maya Trotz PI; 1 of 2 projects granted award by USF to support establishment of a Strong Coasts Convergence Center (SCCC) at USF for increasing coastal resilience in Florida and the Caribbean through interdisciplinary community engaged research with USF graduate students and faculty and partners.

2020 Co-organized an NSF-Funded collaborative workshop called, “Indigenous Co-Innovation at the Nexus of Food, Energy, and Water Systems (Co-InFEWS): Shared challenges, shared understanding and shared solutions for food, energy, and water systems,” focused on ways higher education institutions and researchers can collaborate with Indigenous communities, held virtually June 15-19, 2020. More than 125 virtual participants from U.S. and abroad, co-hosted with UC Berkeley, University of Arizona, University of South Florida and Diné College.
<https://blumcenter.berkeley.edu/academics/infeWS/workshop/>.

2021-present Tampa Tree Canopy Study, sub-contract with City of Tampa and USF Water Institute to research social values and perceptions, social equity, and wellbeing related to tree canopy change in the City of Tampa. Final report published in 2023 and presented to City Council in April 2023. Contributed data to USDA funding over \$1 million for City of Tampa tree planting efforts in 2023-2024.

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.

REBECCA K. ZARGER

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 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.