

Cole Tobin

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Education

- In Progress* M.A. in Cultural Anthropology, Anticipated Graduation: May 2020, University of Missouri, Columbia, MO, Advisor: Rob Walker.
- 2011-2015 B.A. in Anthropology and B.S. in Biology, Minor: Biochemistry, New Mexico State University, Las Cruces NM, *Graduate with University Honors.*

Appointments

- Fall 2018 Graduate Instructor for Biological Anthropology Lab/Teaching Assistant for Introduction to General Anthropology, University of Missouri, Department of Anthropology, worked under direction of Greg Blomquist/Libby Cowgill.
- 2015-Present Graduate Research Assistant, University of Missouri, Working under direction of Dr. Rob Walker, Professor of Anthropology.
- 2017- 2019 Teaching Assistant for Cultural Anthropology, University of Missouri, Department of Anthropology, Worked under direction of Karthik Panchanathan.
- 2016 & 2017 Graduate Summer Field Work on household labor exchange, social support/helping behavior, and population fertility and mortality, Pelelu Tèpu, Suriname.
- 2013-2015 NMSU-HHMI Research Scholar, New Mexico State University, NM. Worked under direction of Dr. Tim Wright, Professor of Biology, and Graduate Student Angela Medina-Garcia.

Publications

In Progress. Tobin C. & Walker R.S. The role of institutions in structuring household labor networks and exchanges among a horticultural village.

Tobin, C., Medina-García, A., Kohn, G. M., & Wright, T. F. 2019. Does audience affect the structure of warble song in budgerigars (*Melopsittacus undulatus*)?. *Behavioural Processes* 163: 81-90. <https://doi.org/10.1016/j.beproc.2017.10.007>.

Presentations & Meetings

- Winter 2020 Attended a workshop on “Economic Dynamics of Wealth and Inequality” at the Santé Fe Institute, in Santé Fe, New Mexico.
- Fall 2019 Talk on “The role of institutions in structuring household labor networks” at American Anthropology Association Conference in Vancouver, British Columbia.
- Summer 2017 Poster Presentation on “Does Manioc Beer Increase the Complexity of Collective Behavior in an Indigenous Trio Village (Suriname)?” at Human Behavior and Evolution Society Conference in Boise, Idaho.
- Summer 2015 Poster Presentation on “Does the audience affect the structure of warble song in budgerigars” at Animal Behavior Society Conference in Anchorage, Alaska.

Scholarships

- 2015-Present Huggins Graduate Research Fellowship, University of Missouri-Columbia.
- 2016-2017 H. Clyde Wilson Opportunities for Excellence in Cultural Anthropology, Scholarship from the Anthropology Department at University of Missouri-Columbia.

Awards and Honors

- 2017-Present ENDOW Research Fellow for collecting data to contribute to a longitudinal cross-cultural study investigating the effects of social networks and wealth inequality
- 2017 & 2019 Conference Travel Grant from the Anthropology Department at University of Missouri-Columbia.
- Spring 2015 NMSU Honors Thesis on “Audience Affects on Warble Structure.”
- Spring 2015 Alumni Association Award for Outstanding Senior, College of Arts and Sciences at New Mexico State University.
- Spring 2015 Dean’s Undergraduate Award for Excellence, College of Arts and Sciences at New Mexico State University.

Professional Membership

Member, Human Behavior and Evolution Society, 2017-present.

Courses Taken

Graduate Seminar in Human Behavioral Ecology, Ethnographic Methods, Graduate Seminar in Cultural Evolution, Quantitative Methods in Life Sciences, Comparative Social Organization, Cultures and Peoples of the Amazon, Human Biological Variation, Demographic Anthropology, Graduate Seminar in Evolutionary Psychology, History/Theory of Anthropology, General Linear Models, Applied Linear Statistical Models, Introduction to Game Theory, Economics of Institutions and Organizations, International Agriculture Development Policies, & Philosophy of Science.

Research Skills/Experience

- (1) *Data Cleanup and Analysis Summer 2018*: Spent the summer analyzing data from previous Field Work experiences (2016-2017), analyzing household labor organization and exchange and household sharing/support networks. These analyses are scheduled to be included in my master's defense and a future publication.
- (2) *Graduate Summer Field Work 2017*: I collected data for the summer in Pelelu-Tëpu among the Trio, an indigenous horticultural population. This research was aided by the help of Amazon Conservation Team, a long-term NGO working with indigenous populations in southern Suriname. I collected data on household sharing/support networks, wealth, food security, and interviewed men about cooperative social norms in relation to labor/working behavior. Collected this data by interviewing female and male head of households through informal interviews. This research is part of a larger project funded by the National Science Foundation comparing social networks and wealth inequality among multiple societies.
- (3) *Graduate Summer Pilot-Field Work 2016*: I conducted pilot work in Pelelu-Tëpu among the Trio, an indigenous horticultural population. This research was aided by the help of Amazon Conservation Team, a long-term NGO working with indigenous populations in southern Suriname. The goal of this field season was to begin establishing multiple field sites in southern Suriname. In Summer 2016, I collected data on village kinship and genealogical relationships, household wealth/income, conducted daily work party focal follows, and weekly work party interviews. The aim of the project was to understand how households invest and share labor among other households within an indigenous community.
- (4) *Member of Economic Network Dynamics and the Origins of Wealth*: I'm a member of a longitudinal cross-cultural study examining "The effect of social networks on inequality: A longitudinal cross-cultural investigation," which includes collecting longitudinal data on wealth and sharing/helping networks. I am contributing data on southern Suriname. A major publication will be completed by 2023. Research funded by a grant from the National Science Foundation on "The Effect of Social Networks on Inequality: A Longitudinal Cross-Cultural Investigation", through award number 1743019. PI's Koster, Jeremy and Power, Eleanor.

- (5) *NMSU-HHMI Research Scholars*: Recorded budgerigar warbles from 7 males using Sound Analysis Pro 2011. Warbles then analyzed for acoustic measures using Raven Pro 1.5. The project goal was to examine if audience affect the structure of warble song in budgerigars. Used *Ad libitum*, Focal, and instantaneous sampling of budgerigar behavior.

References

Dr. Rob Walker, Associate Professor, Department of Anthropology, University of Missouri-Columbia, Columbia, MO 65201, email: WalkerRo@missouri.edu

Dr. Karthik Panchanathan, Associate Professor, Department of Anthropology, University of Missouri-Columbia, Columbia, MO 65201, email: PanchanathanK@missouri.edu

Dr. Mary K. Shenk, Associate Professor, Department of Anthropology & Demography, Penn State University, Old Main, State College, PA 16801, email: mks74@psu.edu

Dr. Tim Wright, Associate Professor, Department of Biology, New Mexico State University, Las Cruces, NM 88003, email: wright@nmsu.edu

Dr. Angela Medina-Garcia, Postdoctoral Fellow, Department of Ecology & Evolutionary Biology, University of Colorado, Boulder, CO 8030, email: amedinag@nmsu.edu