

Delaney Knorr, Ph.D.
Postdoctoral Research Associate
Duke University, Department of Evolutionary Anthropology
delaney.knorr@duke.edu

Education

Ph.D. Anthropology | UCLA (2024)
M.Phil. Applied Biological Anthropology | University of Cambridge (2018) *Graduated with Distinction*
B.S. Anthropology | UCLA (2014) *Graduated with College, Latin, and Departmental Honors*

Grants and Fellowships

2024 ISEMPH Conference Travel Award (\$1,000)
2024 UCLA Dissertation Year Award (\$20,000) *Awarded, but declined*
2024 Center for the Study of Women Travel Grant (\$500)
2023 NIH National Institute on Aging - Genomics for Social Scientists - Epigenetics Workshop Travel Grant (\$1,200)
2022 ISEMPH Conference Travel Award (\$1,000)
2022 UCLA Anthropology Summer Research Award (\$1,282)
2021 UCLA Iris Cantor Pilot Grant Finalist
2020-2021 UCLA Transdisciplinary Research Acceleration Grants (\$39,996.73)
Project: “Exploring the effect of socio-cultural and psychological stress on the placental epithelium through quantifying extra-cellular vesicles (EVs) in maternal circulation.”
Role: Graduate Student Researcher leading sub-study on placental EVs, formed initial collaboration, co-wrote the grant and progress report, conducted the lab work and data analysis
2020-2021 Summer Institute in Computational Social Science (SICSS) Funding for Independent Research Project (\$2,500: \$1,000 from UCLA and \$1,500 from Duke)
Project: “How race, socioeconomic status, and reproductive choices influence how women are perceived in the United States: An experimental survey in a sample of MTurk raters”
Role: Co-PI on project and co-writer of grant
2020-2021 Institute of American Cultures Research Grant (\$2,500)
2020 Summer UCLA Bedari Kindness Institute Summer Graduate Fellowship (\$6,000)
2020 Summer WORLD Policy Analysis Center at UCLA Fellowship (\$5,000)
Accepted for placement in Latin America, but cancelled due to COVID-19
2019-2020 UCLA Clinical and Translational Science Institute Core Voucher (\$10,000)
Project: “Maternal ratio of fetal cells to regulatory T-cells in mid-gestation as a novel target for predicting immunodysregulation and risk of preterm birth”
Role: Graduate Student Researcher leading sub-study on fetal cell identification, co-wrote the grant, conducted lab work
2019-2020 UCLA Graduate Research Mentorship Fellowship (\$20,000)
2019 Summer Dorothy Jewell Travel Award (\$2,500)
2019 Summer UCLA Graduate Summer Research Mentorship Award (\$6,000)
2018-2019 UCLA Anthropology Department Graduate Student Fellowship (\$20,000)
2013-2014 Frederick and Magna Waingrow Research Scholarship (\$5,000)
2013 Summer UCLA College Honors Research Stipend (\$1,000)
2012-2013 UCLA College Honors, Gabrielle de Vellis Memorial Scholarship (\$2,000)
2011-2012 UCLA College Honors, Morgan H. Harris, Jr. Endowed Scholarship (\$3,000)
2010 Robin Turner Science Scholarship (\$500)

Publications (10 published papers: 3 first authored, 1 co-first author)

1. **Knorr, D.A.**; Fox, M. (2023) “Grandmothers buffer the relationship of ethnic discrimination and psychological distress among a cohort of pregnant Latina mothers.” *Evolutionary Human Sciences*.
2. Wiley, K.; Kwon, D.; **Knorr, D.A.**; and Fox, M. (2023) “Regulatory T-cell phenotypes in prenatal psychological distress.” *Brain, Behavior and Immunity*.
3. Kwon, D.; **Knorr, D.A.**; Wiley, K.; Long, S.L.; and Fox, M. (2023) “Association of pica with cortisol and inflammation among Latina pregnant women.” *American Journal of Human Biology*.
4. Chua, K.J.*; **Knorr, D.A.***; Jimenez, J.; Francia, A.; Rojas, V.; Garcia, J.I.; Fox, M. (2023) “The role of individual and subjective neighborhood cultural identity and social attitudes on maternal mental health among pregnant Latina women.” *Journal of Racial and Ethnic Health Disparities*.
* = *sharing first authorship*
5. Wiley, K., **Knorr, D.A.**; Chua, K.J., Garcia, S; and Fox, M. (2023) “Sociopolitical stressors are associated with psychological distress in a cohort of Latina women during early pregnancy.” *Journal of Community Psychology*. doi: 10.1002/jcop.23065
6. Fox, M.; **Knorr, D.A.**; Wiley, K.; Kwon, D.; Parrish, M. (2023) “How prenatal cortisol levels relate to grandmother-mother relationships among a cohort of Latina women.” *American Journal of Human Biology*. doi: 10.1002/ajhb.23883.
7. **Knorr, D.A.**; Fox, M. (2022) “An evolutionary perspective on the association between grandmother-mother relationships and maternal mental health among a cohort of pregnant Latina women.” *Evolution of Human Behavior* doi: 10.1016/j.evolhumbehav.2022.10.005.
8. Hagen, R., **Knorr, D.A.**, Li, S., Mensing, A., & Scelza, B. (2022). “Staying alive enhances both women's and men's fitness.” *Behavioral and Brain Sciences*. doi:10.1017/S0140525X22000553
9. **Knorr, D.A.**; Smith, W.L.; Ledger, M.L.; Peña-Chocarro, L.; Pérez-Jordà, G.; Clapés, R.; de Fátima Palma, M.; Mitchell, P.D. (2019) “Intestinal Parasites in Six Islamic Medieval Period Latrines from 10th–11th Century Córdoba (Spain) and 12th–13th Century Mértola (Portugal).” *International Journal of Paleopathology*, 26, 75-83. doi: 10.1016/j.ijpp.2019.06.004.
10. Fox, M.; **Knorr, D.A.**; Haptonstall, K.M. (2019) “Alzheimer’s disease and symbiotic microbiota: an evolutionary medicine perspective.” *Annals of the New York Academy of Sciences*. doi: 10.1111/nyas.14129.

Presentations

1. California Science Project - Board of Directors Meeting March 26, 2024
“*The Meaning of Race: Conversations about Evolution, Biology, and Culture*”
(Interactive short-course co-presented with members of UCLA’s Center X; Los Angeles, CA)
2. 49th Annual Meeting of Human Biology Association (HBA) March 20, 2024
“*Maternal Immunotolerance Correlates with a Novel Biomarker of Feto-Placental Communication*”
(Poster; Los Angeles, CA)
3. California Science Education (CASE) Conference October 21, 2023
“*Ancestry and Evolution: The Meaning of Race*”
(3-hour interactive short-course co-presented with Dr. Zachary Cue; Palm Springs, CA)
4. International Society for Evolution, Medicine & Public Health (ISEMPH) August 15, 2023
“*How Prenatal Psychological Distress Relates to a Novel Biomarker of Placental Dynamics*”
(Oral Presentation; UC Irvine)
5. California Workshop on Evolutionary Social Science (CWESS) May 6, 2023
“*Maternal Loneliness in Early and Late Gestation Has Differential Effects on Offspring Birthweight Among a Cohort of Pregnant Latina Women*”
6. 48th Annual Meeting of Human Biology Association (HBA) April 19, 2023
“*Early and Late Gestation Loneliness Have Differential Effects on Birthweights Among a Cohort of Pregnant Latina Women*”

- (Poster; Reno, NV)
7. California Science Education (CASE) Conference October 21, 2023
"Ancestry and Evolution: The Meaning of Race"
 (3-hour interactive short-course co-presented with Dr. Zachary Cue; Palm Springs, CA)
 8. International Society for Evolution, Medicine & Public Health (ISEMPH) August 15, 2023
"How Prenatal Psychological Distress Relates to a Novel Biomarker of Placental Dynamics"
 (Oral Presentation; UC Irvine)
 9. California Workshop on Evolutionary Social Science (CWESS) May 6, 2023
"Maternal Loneliness in Early and Late Gestation Has Differential Effects on Offspring Birthweight Among a Cohort of Pregnant Latina Women"
 (Oral Presentation; UC Merced)
 10. 48th Annual Meeting of Human Biology Association (HBA) April 19, 2023
"Early and Late Gestation Loneliness Have Differential Effects on Birthweights Among a Cohort of Pregnant Latina Women"
 (Poster; Reno, NV)
 11. International Society for Evolution, Medicine & Public Health (ISEMPH) July 8, 2022
"Grandmothers buffer the relationship of discrimination and psychological distress"
 (Oral Presentation; Lisbon, Portugal)
 12. California Workshop on Evolutionary Social Science (CWESS) May 7, 2022
"Grandmaternal influence on breastfeeding rates among primiparous women in the U.S."
 (Oral Presentation; CSU Fullerton)
 13. 47th Annual Meeting of Human Biology Association (HBA) March 23, 2022
"The effect of geographic proximity to family in a cohort of first-time Latina mothers."
 (Poster; presented virtually)
 14. Race and Inequality: A Collaborative UCPop Event Oct. 9, 2020
"The role of individual and subjective neighborhood cultural identity and ethnic attitudes in maternal mental health in a pregnant Latina population"
 (Oral presentation; co-presented w/ K. Chua virtually)
 15. California Workshop on Evolutionary Social Science July 25, 2020
"The effect of cultural, social, and physical closeness in grandmaternal-maternal relationships on mental health during pregnancy"
 (Poster; presented virtually)
 16. Human Biology Association Annual Meeting April 18, 2020
"The buffering effects of grandmother-mother relationships"
 (Poster, Cancelled due to COVID-19)
 17. 5th Annual Internat. Soc. for Evol. Med. and Public Health Meeting August 15, 2019
"Symbiotic microbiota and Alzheimer's Disease in Symposium for microbiome and neurologic disease risk" (Oral presentation accepted; presented by Molly Fox in Zurich, Switzerland)
 18. 22nd European Meeting of the Paleopathology Association August 28, 2018
"Parasites and climate in Medieval Iberia: Intestinal parasites in six Islamic period cesspits from Córdoba, Spain and Mértola, Portugal"
 (Oral presentation accepted; presented by Dr. Piers Mitchell in Zagreb, Croatia).
 19. National Conference on Undergraduate Research April 16, 2015
"Women in Extreme Metal: Examining Authenticity and Gender Experience in a Hyper-Masculine Music Scene"
 (Oral Presentation; East Washington University)
 20. S. California Conference for Undergraduate Research November 22, 2014
"Women in Extreme Metal: Examining Authenticity and Gender Experience in a Hyper-Masculine Music Scene"
 (Oral Presentation; CSU Fullerton)
 21. UCLA's Undergraduate Research Week May 1, 2014

“Women in Extreme Metal: Examining Authenticity and Gender Experience in a Hyper-Masculine Music Scene”

(Oral Presentation; UCLA)

Professional Development

1. 2023 Genomics for Social Scientists - Summer Workshop on Epigenetics at University of Michigan
 - a. Instructional workshop involving lectures on data management, statistical analysis, and laboratory methods of epigenetics
2. 2020 Summer Institute in Computational Social Science at UCLA
 - a. Instructional course series involving lectures, group problem sets, and participant-led research projects on machine learning, digital trace data, text-based analysis (e.g., topic modeling, sentiment analysis), ethics. *Attended virtually due to COVID-19.*
 - b. Resulting successful collaboration on a group project, in-prep manuscript using experimental survey design learned from this program.

Academic Service

Student Representative on Ad-hoc Job Search Committee (Spring 2024)

Diversity, Equity and Inclusion in Biological Anthropology Working Group, 2020-present, UCLA

Co-organizer of “Representation(s) in Biological Anthropology” Symposium (April 23, 2021)

Co-leader of workshop for Los Angeles public high school teachers with UCLA’s Center-X, “The Meaning of Race: Conversations about Evolution, Biology, and Culture” (August 10-11, 2022; October 22, 2022; and August 5, 2023)

California Science Education (CASE) Conference “*Ancestry and Evolution: The Meaning of Race*” (October 21, 2023)

Q&A with the California Science Project Directors Meeting (November 16, 2023)

Presentation to California Science Project Meeting (March 27, 2024)

Invited Panelist, Graduate Student Panel at Undergraduate Anthropology Association, May 18, 2021

CWESS Conference, UCLA Campus Representative, 2021-2024

CWESS Conference, Student Volunteer (2022-2024)

Moderator, Undergraduate Research Week Showcase Anthropology Seminar, 2020-2023

Invited Panelist, Graduate Student Panel at Undergraduate Anthropology Association, May 18, 2021

Undergraduate research project co-advisor, 2018-present, UCLA (15 students)

Supervisor for research apprenticeships, 2018-present UCLA (35 students)

National McNair Scholars Networking Conference, UCLA, 2020

Reviewer for Journals

Scientific Reports (1)

Evolutionary Human Sciences (1)

Evolution and Human Behavior (1)

Journal of Racial and Ethnic Health Disparities (1)

Journal of Midwifery (1)

Teaching Experience

Summer Instructor

Anthro 1: Introduction to Human Evolution

(Summer Session C 2023 & Summer Session C 2024)

Anthro 124S: Human Sexual Behavior (Summer Session A 2022)

Graduate Teaching Assistant /Teaching Fellow

Anthro 124S: Human Sexual Behavior (Fall 2020, Spring 2023; Spring 2024)

Anthro 1: Introduction to Human Evolution (Winter and Spring 2021; Spring 2022; Winter 2024)

Anthro 129P: Forensic Anthropology (Fall 2021; Winter 2023)

Anthro 126N: Genes, Disease and Culture (Winter 2022; Fall 2022; Fall 2023)