

Carlye Chaney

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EDUCATION

- 2017- **Yale University**
Ph.D. Candidate, Biological Anthropology
Advisors: Claudia Valeggia, Richard Bribiescas, and Nicola Hawley
- 2019 **Yale University**
M.Phil. Anthropology
- 2017 **Washington University**
B.A., Anthropology, minors in Biology, Spanish
cum laude

EXPERIENCE

- 2022 **EPA Region 10 Intern**; Project – Tribal Risk Assessment: Assessing Health Risks Related to Waste Disposal Sites Impacting Alaska Tribes

PEER-REVIEWED PUBLICATIONS

- 2022 **Chaney, C.**, Begum, K., Núñez-de la Mora, A., Sievert, L. L., Muttukrishna, S., Harries, V., Sharmeen, T., Murphy, L., Gunu, R., Chowdhury, O., & Bentley, G. R. No impact of developmental conditions on serum estradiol levels among Bangladeshi women in the UK and Bangladesh. *American Journal of Human Biology*, e23631. DOI: <https://doi.org/10.1002/ajhb.23631>
- 2021 **Chaney, C.**, Corley, M., & Valeggia, C. Comparison of two human infant urine collection methods for measuring estrone-3-glucuronide (E1G). *American Journal of Physical Anthropology*, 1– 6. DOI: <https://doi.org/10.1002/ajpa.24299>
- 2020 **Chaney, C.**, Quinn, EA. Salivary Secretory Immunoglobulin A Variation between Athletes and Non-Athletes. *American Journal of Human Biology*, 32:e23405. DOI: <https://doi.org/10.1002/ajhb.23405>
- 2019 **Chaney, C.**, Lopez, M., Wiley, K., Meyer, C., & Valeggia, C. Systematic review of chronic discrimination and changes in maternal biology during pregnancy in the United States. *Journal of Racial and Ethnic Health Disparities*, 6(6):1208-1217. DOI: <https://doi.org/10.1007/s40615-019-00622-8>
- 2018 **Chaney, C.**, Goetz, L. G., & Valeggia, C. A time to be born: Variation in the hour of birth in a rural population of Northern Argentina. *American Journal of Physical Anthropology*, 166(4), 975–978. DOI: <https://doi.org/10.1002/ajpa.23483>

BOOK REVIEWS

- 2022 Bueno-Gutiérrez, D., **Chaney, C.**, Dickinson, F., Hernández-Gámiz, K.I., López-González, A., Núñez-de la Mora, A., Olmedo, S.I., Paredes-Ruvalcaba, N., Ruderman, A., Rudzik, A.E.F., Ruiz Velasco Muñoz, M.A. and Wolfe-Sherrie, E. Critical medical anthropology: Perspectives in and from Latin America. *American Journal of Human Biology* e23727. DOI: <https://doi.org/10.1002/ajhb.23727>
- 2021 Bueno-Gutiérrez, D., Campiglia Calveiro, M., **Chaney, C.**, López González, A., Núñez-de la Mora, A., Olmedo, S.I., Paredes Ruvalcaba, N., Perroni-Marañón, A.G., Wolfe-Sherrie, E. (2021) Book Review: Maternal Death and Pregnancy-Related Morbidity Among Indigenous Women of México and Central America. *American Journal of Human Biology*.

CONFERENCE & SYMPOSIA PRESENTATIONS

- 2022 “Las exposiciones ambientales en el agua predicen la inflamación y el estrés oxidativo entre los bebés Qom.” *Il Webinar Latinoamericano de Antropología Biológica*; virtual.
- 2022 “The variable role of PFASs on biological aging by sex and reproductive stage.” *Human Biology Association Annual Meeting*; Denver, CO.
- 2019 “Endocrine disrupting chemical exposure in two Argentinian Indigenous populations: Preliminary evidence.” *Global Health Experiences through the Downs Fellowship*, New Haven, CT.
- 2019 “Investigating endocrine disrupting chemical exposure in an Argentinian Indigenous population.” *Tinker Field Research Grant Presentations*, New Haven, CT.

POSTER PRESENTATIONS

Chaney, C., Mansilla, L., Pinto-Pacheco, B., Dunn, K., Walker, D.I., Valeggia, C. (2022). *Environmental exposures in water predict inflammation and oxidative stress among Qom infants*. Developmental Origins of Health and Disease World Congress; Vancouver, British Columbia, Canada.

Chaney, C., Kubica, M., Mansilla, L., Harries, V., & Valeggia, C. (2021). *Percepciones del medioambiente en una comunidad Indígena Qom*. Las Jornadas Nacionales de Antropología Biológica; virtual meeting.

Chaney, C., Begum, K., Núñez-de la Mora, A., Sievert, LL., Muttukrishna, S., Harries, V., Sharmeen, T., Murphy, L., Gunu, R., Chowdhury, O., Bentley, G.R. (2021). *Serum estradiol levels show no impact of developmental conditions among adult women*. Human Biology Association Annual Meeting; virtual meeting.

Chaney, C. (2020).* *Endocrine disrupting chemicals and fertility in the United States (NHANES 2015-2016)*. Human Biology Association Annual Meeting; Los Angeles, CA.

*Cancelled due to COVID-19

Chaney, C. & Valeggia, C. (2019). *Variation in sex differences in infant breastfeeding behavior with time.* Human Biology Association Annual Meeting; Cleveland, OH.

Chaney, C. (2017). *Salivary Secretory Immunoglobulin A Variation between Varsity Swimmers, Varsity Cross Country Runners, and Non-Athletes.* COD Undergraduate Symposium, American Association of Physical Anthropologists Annual Meeting; New Orleans, LA.

POPULAR SCIENCE ARTICLES

2018 "The Human Birth Hour." EAS Section News. <https://doi.org/10.1111/AN.94>

GRANTS, HONORS & AWARDS

2019	Yale Institute for Biospheric Studies Graduate Research Award (\$3,600)
2022	National Science Foundation INTERN Supplemental Funding (\$22,196)
2022	Yale Institute for Biospheric Studies Graduate Research Award (\$3,600)
2021	National Science Foundation Dissertation Research Improvement Grant (\$20,000)
2021	Yale Alan H. Smith Fellowship (\$33,600)
2020	Yale Institute for Biospheric Studies Dissertation Improvement Grant (\$4,000)
2019	National Science Foundation Graduate Research Fellowship (\$138,000)
2019	Yale MacMillan International Dissertation Research Fellowship (\$18,000)
2019	Tinker Field Research Grant (\$5,275)
2019	Yale MacMillan Center Pre-Dissertation Research Grant (\$5,000)
2019	Yale Institute for Biospheric Studies Graduate Research Award (\$5,000)
2019	Wilbur Downs International Health Student Travel Fellowship (\$3,100)
2019	Yale Latin American & Iberian Studies Travel Award (\$750)
2019	Student Travel Award, American Association of Physical Anthropologists (\$500)
2018	Smith Fund, Yale Department of Anthropology (\$3,000)
2018	Yale Dean's Fund for Research Workshops, Seminars and Colloquia (\$1,000)
2018	Yale Institute for Biospheric Studies Graduate Research Award (\$1,200)
2018	Yale Council on Latin American Studies Anthropology Language Award (\$630)
2018	Student Travel Award, American Association of Physical Anthropologists (\$500)
2017	Office of Undergraduate Conference Travel Award, Washington University (\$500)

RESEARCH

2017-	Researcher , Yale Reproductive Ecology Laboratory, PIs: Richard Bribiescas & Claudia Valeggia
2016-17	Researcher , Biomarkers & Milk Research Laboratory, PI: EA Quinn

ACADEMIC SERVICE

2021	Yale Global Environmental Justice Conference Volunteer
2020-2022	Yale Anthropology Department Climate Committee

2019-2021	Human Biology Association Student Representative
2020	Yale Undergraduate Research Symposium Judge
2019-2020	Wilbur Downs Fellowship Committee
2019	Volunteer, American Association of Physical Anthropology Annual Meeting
2018-2022	Co-founder & Co-organizer of Biological Anthropology Spanish Language Program
2018-2022	McDougal Graduate Writing Fellow, Yale Poorvu Center for Teaching & Learning
2018	Volunteer, American Association of Physical Anthropology Annual Meeting
2017-	Graduate Student Fellow, Chaco Area Reproductive Ecology Program
2017-	Graduate Affiliate, Yale Council on Latin American & Iberian Studies
2017	Co-organizer, Third Meeting of the Northeastern Evolutionary Primatology Group
2015	Osteology Lab Volunteer, University of Missouri – St. Louis

Ad-Hoc Reviewer: Environmental Research; Journal of Affective Disorders, Journal of Urban Health, Yale Undergraduate Research Journal

TEACHING & MENTORING

Instructor: Introduction to Biological Anthropology, Fall 2020 (online, asynchronous)
Southern Connecticut State University

Teaching Fellow: Introduction to Biological Anthropology, Instructor: Jessica Thompson
Evolution of Primate Intelligence, Instructor: David Watts
Human Evolutionary Biology & Life History, Instructor: Richard Bribiescas
Human Evolutionary Biology & Life History, Instructor: Claudia Valeggia

Guest Lecturer: Introduction to Biological Anthropology, Yale University
Human Evolutionary Biology & Life History, Yale University

Mentorship: *Senior Thesis Advisory:* Tomeka Frieson, Yale University, class of 2021
Laurie Yousman, Yale University, class of 2022

CERTIFICATES & TRAINING

2022	Poorvu Center Public Communication Certificate, Yale University
2021	National Science Foundation Cultural Anthropology Methods Program
2020	The Exposome Boot Camp: Measuring Exposures on an Omics Scale, Columbia University
<i>In progress</i>	Certificate in College Teaching Preparation, Yale University

SCIENCE OUTREACH

2022	Co-presenter at EPA Region 10 Webinar, “Join Tribally Driven Research on Landfill Contaminants in Rural Alaska: EPA Webinar.” June 14, 2022.
2022	Yale 3-Minute Thesis Finalist
2021	New Haven Science Fair, Judge

- 2021 Exploring Science with Yale Scientists, February 2, 2021. Presentation title:
Variation in the tempo and timing of puberty
- 2021 STEM Mentors College Essay Workshop Volunteer
- 2020 Sausage of Science Interview, “SoS 107 – From watching Bones to publishing
research papers with Carlye Chaney”
- 2018- Volunteer, Girls’ Science Investigations, Yale University
- 2017- Undergraduate Mentor, Women in Science at Yale

MEMBERSHIP

American Association of Biological Anthropologists
Asociación de Antropología Biológica Argentina
Fundación ECO, Formosa, Argentina
Human Biology Association
International Developmental Origins of Health and Disease Society