

Margarita Hernandez, M.A., Ph.D.

(they/them/theirs, she/her/hers)

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RESEARCH PROGRAM

My overall research program seeks to understand how the process of immigration shapes ancestry in diaspora populations and how immigration histories, social factors, and discrimination are associated with adverse health within vulnerable populations in the United States. Additionally, I am interested in understanding if/how the social environment is embodied to produce adverse health outcomes using epigenomics. I conduct my research using a mixed-methods approach, employing theory and methods from genomics, sociocultural anthropology, biocultural anthropology, medical anthropology, public health, and epidemiology to better contextualize health outcomes. My research and results are intended to be shared within the scientific community to broaden our understanding on these topics, used as leverage to advocate for basic human rights within public policy and grassroots organizing spaces, and shared with the community as a measure of transparency and collaboration.

RESEARCH EXPERIENCE

Post-Doctoral Fellow 2024-

Mentor: Dr. Zaneta Thayer

Department of Anthropology

Dartmouth College

Anthropological Genomics Graduate Fellow 2017-2024

Advisors: Dr. George H. Perry and Dr. Mary K. Shenk

Department of Anthropology

The Pennsylvania State University

Wildlife Ecology Undergraduate Research Assistant 2014-2015

Advisor: Dr. Coleman M. Sheehy III

Department of Wildlife Ecology and Conservation, Seahorse Key Marine Laboratory

University of Florida

Botany Undergraduate Research Assistant 2012-2015

Advisors: Drs. Pamela S. Soltis and Douglas E. Soltis

Florida Museum of Natural History, Laboratory of Molecular Systematics and Evolutionary Genetics

University of Florida

EDUCATION

The Pennsylvania State University 2017-2024

Ph.D. in Anthropology

Laboratory of Anthropological Genomics

Shenk Research Group

Department of Anthropology
College of Liberal Arts and Sciences

The Pennsylvania State University

2017-2019

Master of the Arts in Anthropology

Master's Paper: Understanding the factors that influence non-human primate genomic data generation

University of Florida

2011-2015

Bachelors of Science *summa cum laude* in Biology

Bachelors of Arts *cum laude* in Anthropology

Undergraduate Honors Thesis: *Leptosiphon* and flower color: investigating color acquisition in Polemoniaceae using phylogenetics

WORK EXPERIENCE

Instructor

Jan.-May 2021, May-Aug. 2022

World Campus, Penn State, University Park, Pennsylvania

- Course taught: ANTH 21: Introduction to Biological Anthropology
- Taught a virtual course on biological anthropology, include virtual lab experiences
- Implemented virtual office hours (not required) for students to be able to directly engage with me as their instructor as we navigated a global pandemic
- Held virtual study sessions for upcoming examinations

Teaching Assistant

Aug.-Dec. 2020

Department of Anthropology, Penn State, University Park, Pennsylvania

- Course taught: ANTH 216N: Sex and Evolution
- Led three virtual discussion sessions focused on sexual evolution within humans and other species
- Graded all discussion related assignments, quizzes, and exams
- Held virtual office hours and study sessions to provide meaningful interaction between myself and students as we navigated the COVID-19 pandemic

Instructor

May-Aug. 2020

World Campus, Penn State, University Park, Pennsylvania

- Course taught: ANTH 45N: Cultural Diversity: A Global Perspective
- Taught a virtual course on cultural diversity specifically designed to engage World Campus students
- Implemented virtual office hours (not required) for students to be able to directly engage with me as their instructor as we navigated a global pandemic
- Held virtual study sessions for upcoming examinations
- Created extra credit assignments that weaved multiple topics throughout the course to current social issues within the world

SETS and Science Quest Program Coordinator

Aug. 2015-Aug. 2017

Center for Precollegiate Education and Training, University of Florida, Gainesville, Florida

- Scheduled and coordinated visits from high school and middle school students to the University of Florida as a part of the SETS program, where they participated in authentic science explorations and visits to research laboratories.
- Oversaw and planned all activities for the Science Quest program, a one-week summer enrichment program designed to introduce high school students to a variety of STEM fields and careers.
- Regularly travelled to various high schools within Florida to implement standards-aligned modules with students.

- Managed and maintained laboratory equipment, used both for laboratory experiments within the University and sent to Florida teachers as equipment lockers to aid in curriculum implementation.

Program Assistant

May 2015-Aug. 2015

Center for Precollegiate Education and Training, University of Florida, Gainesville, Florida

- Assisted in program implementation for Biomedical Explorations: Bench to Bedside, a professional development program for secondary science teachers focused on clinical and translational research and biomedical techniques.
- Coordinated modules for Summer Science Institute: Tree of Life, aimed at promoting a “Tree Thinking” perspective for predominately middle school science teachers.

PEER-REVIEWED PUBLICATIONS

Hernandez, M. and G.H. Perry. Scanning the human genome for ‘signatures’ of positive selection: Transformative opportunities and ethical obligations. *Evolutionary Anthropology: Issues, News, and Reviews*. 30.2 (2021): 113-121. 2021.

Hernandez, M., M.K. Shenk, and G.H. Perry. Factors influencing taxonomic unevenness in scientific research: A mixed-methods case study of non-human primate genomic sequence data generation. *Royal Society Open Science*. 7: 201206. <http://dx.doi.org/10.1098/rsos.201206>. 2020.

Hernandez, M. and J. K. Gibb. Culture, behavior, and health. *Evolutionary Medicine and Public Health*. 2020.1: 12-13. 2020.

Landis, J.B., C.D. Bell, **M. Hernandez**, R. Zenil-Ferguson, E.W. McCarthy, D.E. Soltis, and P.S. Soltis. Evolution of Floral Traits and Impact of Reproductive Mode on Diversification in the Phlox Family (Polemoniaceae). *Molecular Phylogenetics and Evolution*. 127:878-890. 2018.

NON-PEER-REVIEWED PUBLICATIONS

Hernandez, M. and G. H. Perry. Latine immigrant heterogeneity: Striking health differences among Cuban refugee/migration waves to the United States. *medRxiv*. 2024.04.17.24305856; doi: <https://doi.org/10.1101/2024.04.17.24305856>. 2024.

Hernandez, M. and T. Lasisi. A guide to anthropology for non-anthropologists. *Evolutionary Anthropology*. 27(6). 2018.

Sheehy III, C.M., M.T. Fedler, T.A. Gilbert, **M. Hernandez**, and B.K. Atkinson. *Anolis sagrei* (Brown Anole). Geographic distribution. *Herpetological Review*. 46(2): 215–216. 2015.

PRESENTATIONS

Margarita Hernandez. Striking Health Differences among Cuban Refugee/Migration Waves to the United States. (Poster Presentation). Human Biology Association Annual Conference. March 20-22, 2024. Los Angeles, CA. Presented virtually.

Margarita Hernandez. Latiné Immigrant Heterogeneity: Striking Health Differences among Cuban Refugee/Migration Waves to the United States. (Oral Presentation). 14th Conference on Cuban and Cuban American Studies. February 15-16, 2024. Miami, FL.

Margarita Hernandez. Cafecito, Cultura, y Comunidad: Building a community-based research project in

- the heart of Miami. (Oral Presentation). Graduate Women in Science National Conference. June 22-24, 2023. State College, PA.
- Margarita Hernandez.** Canva as a tool for easy and effective scientific visuals. (Oral Presentation). Sci-Comm U. Conference. The Pennsylvania State University. April 8-9, 2022. Online.
- Margarita Hernandez.** *Noventa Millas*: Migration history, genomic ancestry, and health disparities among Cuban immigrants and Cuban-Americans in Miami, Florida. (Oral Video Presentation). Graduate Exhibition, The Pennsylvania State University. March 22-25, 2022. State College, PA. <https://www.youtube.com/watch?v=CVUpvU1Nozw>.
- George Perry, **Margarita Hernandez**, Sylvia Kokuda, and Levi Busingye. Biological anthropology and evolutionary genomics: Transformative opportunities and ethical obligations. (Oral Presentation). The American Association of Physical Anthropologists Annual Meeting. April 7-28, 2021. Online.
- Margarita Hernandez**, Mary K. Shenk, and George Perry. Factors influencing taxonomic unevenness in scientific research: A mixed-methods case study of non-human primate genomic sequence data generation. (Poster). Northeastern Evolutionary Primatologists Annual Conference. November 13-14, 2020.
- Margarita Hernandez** and George Perry. A mixed-methods approach to identify factors influencing non-human primate genomic sequence data generation. (Oral Presentation). The American Association of Physical Anthropologists Annual Meeting. April 15-18, 2020. Los Angeles, CA.
- Lily J. D. DeMars, America M. Guerra, Joshua M. Wisor, **Margarita Hernandez**, Taylor S. Wood, Amber Cesare, Kathleen Hill, and Timothy M. Ryan. An activity based five-day professional development workshop for pre-college educators: incorporating evolution and biological anthropology into middle- and high-school curricula. (Poster). The American Association of Physical Anthropologists Annual Meeting. April 15-18, 2020. Los Angeles, CA.
- Margarita Hernandez.** A mixed-methods approach to identify factors influencing non-human primate genomic sequence data generation. (Oral Presentation). LGBTQ+ Excellence in STEM. November 21, 2019. State College, PA.
- Margarita Hernandez** and James K. Gibb. Cultural behavior and health. (Oral Presentation). TriCEM Evolutionary Medicine Summer Institute. May 24, 2019. Raleigh, NC.
- Margarita Hernandez**, Tina Lasisi, Chloe McGuire, Emily Kate, and Gina Buckley. Anthropology outreach initiatives: How to get involved in the local community as a graduate student. (Poster). Anthropology Day. April 5, 2019. State College, PA.
- Margarita Hernandez**, Tina Lasisi, Chloe McGuire, Emily Kate, and Gina Buckley. Anthropology outreach initiatives: How to get involved in the local community as a graduate student. (Poster). The American Association of Physical Anthropologists Annual Meeting. March 27-30, 2019. Cleveland, OH.
- Houda D. Pruitt, Julie R. Bokor, **Margarita Hernandez**, and Mary Jo Koroly. Bench to Bedside: The Effectiveness of a Professional Development Program Focused on Biomedical Sciences and Action Research. Association for Science Teacher Education Annual Meeting. (Oral Presentation). January 3-5, 2019. Savannah, GA.
- Margarita Hernandez** and George Perry. Understanding the factors that influence non-human primate genomic data generation. (Poster). Society for Advancement of Chicanos/Hispanics and Native Americans in Science Annual Meeting. October 11-13, 2018. San Antonio, TX.
- Margarita Hernandez.** Hands-on Human Evolution: A Laboratory-Based Approach. (Workshop). The

American Association of Physical Anthropologists Annual Meeting. April 11-14, 2018. Austin, TX.

Margarita Hernandez and George Perry. Understanding the factors that influence non-human primate genomic data generation. (Invited Poster). The American Association of Physical Anthropologists Annual Meeting. April 11-14, 2018. Austin, TX. doi: 10.6084/m9.figshare.6231512

Margarita Hernandez and George Perry. Understanding the factors that influence non-human primate genomic data generation. (Poster). Anthropology Day. April 6, 2018. State College, PA.

Margarita Hernandez and George Perry. Understanding the factors that influence non-human primate genomic data generation. (Poster). Graduate Exhibition, The Pennsylvania State University. March 25, 2018. State College, PA.

Margarita Hernandez and James D. Pampush. Defining the relationship between primate seasonal breeding and climate instability. (Poster). The American Association of Physical Anthropologists Annual Meeting. April 19-22, 2017. New Orleans, LA.

Margarita Hernandez and Julie Bokor. Hands-On Human Evolution. (Hands-On Workshop). National Science Teacher Association Annual Conference. April 1, 2017. Los Angeles, CA.

Houda Darwiche and **Margarita Hernandez**. A medical mystery of epidemic proportions: Keeping the science in health science. (Oral Presentation). Florida Association for Career and Technical Education Annual Conference. July 26, 2016. Orlando, FL.

Houda Darwiche, **Margarita Hernandez**, Julie R. Bokor, and Mary Jo Koroly. Biomedical Explorations: Professional Development for Secondary Science Teachers. (Poster). National Institute of Health: Science Education Conference. May 10, 2016. Washington, D.C.

Margarita Hernandez, Houda Darwiche, Julie Bokor, and Mary Jo Koroly. Broadening participation in STEM through partnerships between researchers and precollege students. (Poster). National Alliance for Broader Impacts Summit. April 20-22, 2016. Philadelphia, PA.

Margarita Hernandez, Jacob B. Landis, Douglas E. Soltis, and Pamela S. Soltis. *Leptosiphon* and flower color: investigating color acquisition in Polemoniaceae using phylogenetics. (Poster). Botany Conference, July 25-29, 2015. Edmonton, Alberta, Canada.

Margarita Hernandez and Coleman M. Sheehy III. Preliminary dietary analysis of introduced Greenhouse Frogs (*Eleutherodactylus planirostris*) on Seahorse Key, FL. (Poster). Herpetology Conference. March 27-28, 2015. Gainesville, FL.

Margarita Hernandez, Jacob B. Landis, Douglas E. Soltis, and Pamela S. Soltis. *Leptosiphon* and flower color: investigating color acquisition in Polemoniaceae using phylogenetics. (Poster). Beckman Symposium, Aug. 7-9, 2014. Irvine, CA.

Margarita Hernandez, Jacob B. Landis, Douglas E. Soltis, and Pamela S. Soltis. *Leptosiphon* and flower color: investigating color acquisition in Polemoniaceae using phylogenetics. (Poster). Botany Conference, July 26-30, 2014. Boise, ID.

Jacob B. Landis, **Margarita Hernandez**, Douglas E. Soltis, and Pamela S. Soltis. Floral and pollinator evolution in Polemoniaceae. (Oral Presentation). Undergraduate Research Seminar, July 2, 2014. Gainesville, FL.

Jacob B. Landis, **Margarita Hernandez**, Douglas E. Soltis, and Pamela S. Soltis. Floral and pollinator evolution in light of a near-complete phylogeny for Polemoniaceae. (Poster). Evolution Conference, June 20-24, 2014. Raleigh, NC.

Margarita Hernandez. Dietary Analysis of *Eleutherodactylus planirostris*. (Oral Presentation). Seahorse Key Marine Laboratory Research Presentations. June 16, 2014. Seahorse Key, FL.

Jacob B. Landis, **Margarita Hernandez**, Douglas E. Soltis, and Pamela S. Soltis. Floral and pollinator evolution in light of a near-complete phylogeny for Polemoniaceae. (Poster). Undergraduate Research Symposium, March 27, 2014. Gainesville, FL.

Jacob B. Landis, **Margarita Hernandez**, Douglas E. Soltis, and Pamela S. Soltis. Floral and pollinator evolution in light of a near-complete phylogeny for Polemoniaceae. (Poster). Botany Conference, July 28-31, 2013. New Orleans, LA.

ORGANIZED SYMPOSIA AND CONFERENCES

2023 Empower Conference, Graduate Women in Science, Penn State, **Committee Mentor** *Feb. 2023*
2022 Empower Conference, Graduate Women in Science, Penn State, **Co-Chair** *Feb. 2022*
2021 Empower Conference, Graduate Women in Science, Penn State, **Co-Chair** *Feb. 2021*
Teaching Bio Anth Within and Without a Classroom, AAPA 2019, **Organizer and Presenter** *April 2019*

TEACHING EXPERIENCE

ANTH 21 Introduction to Biological Anthropology, **Instructor** *Summer 2022*
ANTH 21 Introduction to Biological Anthropology, **Instructor** *Spring 2021*
ANTH 216N Sex and Evolution, Penn State, **Teaching Assistant** *Fall 2020*
ANTH 45N Cultural Diversity: A Global Perspective, Penn State, **Instructor** *Summer 2020*

GUEST/INVITED LECTURES

Culture, Health, and Healing, University of Vermont, **Guest Lecturer** *April 2023*
Anthropological Research in Global Health, University of Vermont, **Guest Lecturer** *Nov. 2022*
First-Year Experience, Penn State, **Guest Panelist** *Nov. 2021*
Anthropology of Race and Racism, Penn State, **Guest Panelist** *April 2021*
Introductory Biological Anthropology, Penn State, **Guest Lecturer** *Mar. 2020*
LGBTQ+ Excellence in STEM, Penn State, **Speaker and Panelist** *Nov. 2019*
Introductory Biological Anthropology, Penn State, **Guest Lecturer** *Oct. 2019*
Physiology and Molecular Biology of Organisms, University of Florida **Guest Lecturer** *Feb. 2015*

TRAINING

Indigenous Environmental Health Research Workshop, Columbia University *July 2023*
Reclaiming STEM Workshop: SciComm, Science Policy, and Advocacy Training *Aug. 2021*
Reclaiming STEM Workshop: SciComm Training *Sept. 2019*

FUNDING AND AWARDS

NHGRI Predoctoral to Postdoctoral Transition Award for a Diverse Genomics Workforce (F99/K00), National Institutes of Health, \$327,812 *Aug. 2022-*
Graduate Research Fellowship Program Fellowship, National Science Foundation *2017-2022*
NASA Pennsylvania Space Grant Consortium (PSGC) Graduate Fellowship, \$5,000 *Aug. 2022*
Superior Teaching and Research (STAR) Award, College of Liberal Arts, Penn State *April 2022*
NASA Pennsylvania Space Grant Consortium (PSGC) Graduate Fellowship, \$5,000 *Aug. 2021*
Paul T. Baker Research Travel Fund in Human Biology and Anthropology, \$2,880 *April 2021*
Hill Fellowship Post-Comprehensive Examination Award, \$3,000 *April 2021*
RGSO Dissertation Support Competition, Penn State, \$2,000 *Jan. 2021*
Matson/Benson Award in the College of Liberal Arts, Penn State, \$1,087 *Jan. 2020*

Reclaiming STEM Workshop, Travel Grant, University of New Hampshire	Sept. 2019
Evolutionary Medicine Summer Institute, North Carolina State University, \$425	May 2019
Partisan Award, Penn State Leadership and Service Awards, Penn State	April 2019
SACNAS, Travel Award	Oct. 2018
Summer Institute in Statistical Genetics Scholarship, University of Washington, \$1,950	July 2018
Graduate Fellows Leadership Program Scholarship, Worcester Polytechnic Institute	June 2018
Graduate Student Poster Award, Anthropology Day, Penn State, \$100	April 2018
Hill Fellowship Graduate Training Award, Department of Anthropology, Penn State, \$1,500	March 2018
Dean's Distinguished Fellowship, The Graduate School, Penn State	Aug. 2017-May 2018
Ford Foundation Fellowship, Honorable Mention, NASEM	Aug. 2017
Increasing Diversity in Evolutionary Anthropological Sciences Award, AAPA	April 2016
Undergraduate Achievement Award, Botanical Society of America, \$1,000	July 2015
Bright Futures Scholarships: Florida Academic Scholars Award	Aug. 2011-May 2015
Young Botanist Award, Botanical Society of America	April 2015
Undergraduate Diversity at Evolution 2014 Award, National Evolutionary Synthesis Center	June 2014
Broadening Diversity in the Biological Sciences Award, iDigBio	Feb. 2014
Beckman Scholars Award, Arnold and Mabel Beckman Foundation, \$19,300	2013-2014
BSA Undergraduate Student Research Award, Botanical Society of America, \$200	2013
Comcast Leaders and Achievers Scholarships, Comcast, \$1,000	Aug. 2011

UNIVERSITY AND PROFESSIONAL SERVICE

Graduate Women in Science, Member	2020-2023
Graduate Women in Science, Penn State, Empower Conference Committee Co-Chair	2020-2022
Coalition of Graduate Employees (CGE) at Penn State, Member	July 2020-July 2021
AGSA, Penn State, Graduate Welfare Committee, Founding Member	May 2018-July 2020
AGSA, Penn State, Outreach Committee, Founding Member	Sept. 2017-July 2020
SACNAS Chapter, Penn State, President	May 2019-May 2020
Dept. of Anthropology, Penn State, Colloquium/Seminars Committee Member	Aug. 2018-May 2020
Graduate School Applications Workshop, Lambda Alpha, Penn State, Presenter	April 2020
2020 Undergraduate Exhibition, Penn State, Poster Judge	April 2020
Dept. of Anthropology, Penn State, Social Media Coordinator	June 2018-Aug. 2019
Anthro Grad Student Assoc., Penn State, Vice-President	May 2018-May 2019
SACNAS Chapter, Penn State, Founding Member, Co-Vice-President	Feb. 2018-May 2019
Science Policy Society, Penn State University, Science-On-Tap Co-Coordinator	Aug.-Dec. 2018
Dept. of Anthropology, Penn State, Colloquium and Seminars Committee Member	Aug.-Oct. 2018
Center for Undergraduate Research, University of Florida, Co-Peer Mentor Chair	April 2014-May 2015
Undergraduate Research Seminar, University of Florida, Coordinator	June 2013-May 2015
Undergraduate Student Research Panel, Panelist	2013-2014
Center for Undergraduate Research, University of Florida, Presenter	May 2013

COMMUNITY, OUTREACH, AND VOLUNTEER WORK

Community Research Update: Results Roundtable, Hialeah, FL, Organizer and Host	Sept. 2023
Community Research Update: Art and Ancestors, Miami, FL, Organizer and Host	June. 2023
Cubanos Pa'lante, Head of Research	2022-2024
Cubanos Pa'lante, Member and Organizer	2021-2024
Community Research Update: Arts and Ancestors, Miami, FL, Organizer and Host	June 2023
Career Day, Twin Lakes Elementary, Miami, FL, Presenter	June 2023
Career Day, Sweetwater Elementary, Miami, FL, Presenter	May 2023
Elect Tierra Williams for Ferguson Township Campaign, Graphics Coordinator	Mar. 2021-June 2021
State College Solidarity Collective, Organizer	Mar. 2021-June 2021

3/20 Coalition, Community and Political Education Committee, Organizer	<i>Jan. 2021-June 2021</i>
3/20 Coalition, Volunteer	<i>June 2020-June 2021</i>
Centre County COVID-19 Community Response Team (4CR), Volunteer	<i>Mar. 2020-Mar. 2021</i>
STEAM Partner, Sweetwater Elementary, Miami, FL, Presenter	<i>Jan. 2021</i>
Surviving Graduate School, Mujeres Activas en Letra y Cambio Social (MALCS), Panelist	<i>Sept. 2020</i>
Graduate School Personal Statements Workshop, Lambda Alpha, Penn State, Presenter	<i>Sept. 2020</i>
Community Edu. and Extended Learning Program, SCA School District, Session Leader	<i>Mar. 2020</i>
ENVISION: STEM Career Day for Young Women, Presenter	<i>Feb. 2020</i>
Exploration-U, Bellefonte Area High School, Presenter	<i>Nov. 2019</i>
MOBILITY Workshop, Department of Anthropology, Penn State, Presenter	<i>July 2019</i>
Community Edu. and Extended Learning Program, SCA School District, Session Leader	<i>April-May 2019</i>
“This is what AgSci looks like!”, Pasto Agricultural Museum, Action Lab Leader	<i>April 2019</i>
Easterly Parkway Elementary Science and Technology Fair, Presenter	<i>Feb. 2019</i>
Me...Jane Kids Connection, Center for the Performing Arts, Penn State, Presenter	<i>Feb. 2019</i>
ENVISION: STEM Career Day for Young Women, Penn State, Workshop Co-Organizer	<i>Jan. 2019</i>
Primate Perspectives, i-STEAM Workshop, Penn State, Content Co-Organizer/Presenter	<i>Dec. 2018</i>
Haunted-U, AGSA Outreach Committee, Science-U, Penn State, Volunteer	<i>Oct. 2018</i>
Community Edu. and Extended Learning Program, SCA School District, Session Leader	<i>April 2018</i>
Easterly Parkway Elementary Science and Technology Fair, Presenter	<i>Feb. 2018</i>
Girl Scout Workshop, Graduate Women in Science, Penn State, Workshop Leader	<i>Nov. 2017</i>
Florida Museum of Natural History, University of Florida, Fossil Dig Volunteer	<i>Nov.-Dec. 2016</i>
Broadening Participation in the Biological Sciences, iDigBio, Speaker	<i>Oct. 2015</i>
Summer Science Institute, Center for Precollegiate Edu. and Training, Workshop Co-Leader	<i>July 2014</i>
Seahorse Key Marine Laboratory Open House, Volunteer	<i>July 2014</i>
STEM Immersion, Center for Precollegiate Edu. and Training, Workshop Co-Leader	<i>July 2013, 2014</i>
Jungle Friends Primate Sanctuary, Volunteer	<i>March 2014</i>
Shands at the University of Florida, Departments of Radiology and Geriatrics, Volunteer	<i>Aug.-Dec. 2012</i>

MEMBERSHIP IN PROFESSIONAL SOCIETIES

Human Biology Association (HBA)	<i>2022-</i>
Graduate Women in Science (GWIS)	<i>2020-</i>
Society for Advancement of Chicanos/Hispanics and Native Americans in Science	<i>2018-</i>
American Association for Anthropological Genetics	<i>2018-</i>
American Association of Physical Anthropologists	<i>2016-</i>
Lambda Alpha: National Collegiate Honors Society in Anthropology	<i>2013-</i>
Out in STEM (oSTEM)	<i>2019-2020</i>
National Science Teacher Association	<i>2017-2018</i>
Botanical Society of America	<i>2013-2016</i>

ADVANCED COURSEWORK

Ethnographic Field Methods	<i>Spring 2019</i>
Population Genetics	<i>Spring 2019</i>
Proposal Writing	<i>Fall 2018</i>
Integrative Genomics	<i>Summer 2018</i>
Conservation Genetics	<i>Summer 2018</i>
Advanced Population Genetics	<i>Summer 2018</i>
Visualizing Anthropological Data	<i>Spring 2018</i>
Biological Anthropology Core	<i>Fall 2017</i>
Human Behavioral Ecology Core	<i>Fall 2017</i>
Archaeology Core	<i>Fall 2017</i>

Health and Disease in Human Evolution	<i>Spring 2015</i>
Primate Evolution	<i>Spring 2015</i>
Physiology and Molecular Biology of Animals	<i>Fall 2014</i>
Coastal Conservation Biology	<i>Summer 2014</i>
Primates Diversity	<i>Spring 2014</i>
Human Evolutionary Anatomy	<i>Fall 2013</i>
Human Osteology	<i>Fall 2013</i>
Genome Doubling (graduate seminar)	<i>Fall 2013</i>

SKILLS

Technical skills:	Microsoft Word, PowerPoint and Excel, WordPress, Geneious, Mesquite, R, RStudio, BayesTraits, Adobe InDesign, Adobe Photoshop, NVivo, MailChimp, Canva, Otter.ai
Laboratory skills:	PCR, agarose gel electrophoresis, DNA extraction, Nanodrop quantification, seed germination, greenhouse experience, dissections, microscope work, bacterial transformation
Languages:	Spanish (fluent)