

Rosseirys Noelia De La Rosa

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Research Interests

Genetic Anthropology, Spanish Caribbean, Embodiment of Blackness, Intersection between Identity and Genetics, Resistance/Resilience/Flourishment, Bio-Cultural Studies, Health Disparities, Social Determinants of Health, Community-Engaged Work, Racialized Experiences.

Education

Vanderbilt University

Nashville, TN

2022 – Present

PhD Anthropology (In Progress), Biological Anthropology concentration

National Science Foundation Graduate Research Fellow

College of Arts and Sciences Graduate Fellow

Russell G. Hamilton Scholar

Emory University

Atlanta, GA

2018 – 2022

B.S. Anthropology and Human Biology

Minor in African American Studies

Graduated with Highest Honors

Dean's List 2020, 2021, 2022

Research and Laboratory Experience

Vanderbilt University Genetic Anthropology and Biocultural Studies Lab – Nashville, TN

2022 – Present

Graduate Research Assistant

Department of Anthropology, Advisor: Dr. Jada Benn Torres

Smithsonian National Museum of Natural History – Washington D.C.

2022 (May – Aug)

NHRE Intern

Department of Anthropology, Advisors: Dr. Grace Veatch & Dr. Brianna Pobiner

Skeletal Inventory, analysis and comparison of cutmark morphology, photography, SEM analysis, report writing.

Emory University Ancient DNA Lab – Atlanta, GA

2019 – 2022

Undergraduate Research Assistant

Department of Anthropology, Advisor: Dr. John Lindo

DNA extraction, library building and sequencing of ancient Uruguayan individuals.

Used computational skills for population genetics analysis such as admixture,

phylogenetic trees, and other models of ancestry. Report writing, article editing, and

trained other undergraduates in the lab.

Emory University Osteoarcheology Lab – Atlanta, GA

2018 (Aug – Dec)

Undergraduate Research Assistant

Department of Anthropology, Advisor: Dr. Jessica Thompson

Analyzed how hunter-gatherer social interactions in northern Malawi changed in response to major environmental shifts. Identified and catalogued small bones into database, photography, digitization of legacy data.

Teaching Experience

Teaching Assistant for Introduction to Archaeology

Nashville, TN

Jan 2023 – May 2023

Prepared delivered a guest lecture to both course sections of over 60 students. Collaborated with fellow graduate teaching assistants to create weekly course activities and discussion questions. Assessed student progress when grading assignments and projects.

Teaching Assistant for Theories of Culture

Nashville, TN

Aug 2022 – Dec 2022

Created weekly discussion questions and monitored student responses. Assessed student progress when grading assignments and projects.

Academic Grants/Fellowships

- 2023 **Summer Research Award** – Vanderbilt University, Summer
2023 **Professional Development Grant** – Vanderbilt University, Spring
2023 – 2028 **National Science Foundation Graduate Research Fellowship** – Vanderbilt University
2022 – 2027 **Provost Graduate Fellow** – Vanderbilt University
2022 – 2027 **College of Arts and Sciences Graduate Fellowship** – Vanderbilt Dept. of Anthropology

Academic Honors and Awards

- 2024 **IDEAS Scholar** – American Association of Biological Anthropologists
2022 – 2027 **Russel G. Hamilton Scholar** – Vanderbilt University
2022 **Highest Honors** for the degree in Bachelor of Science – Emory University Biology
Recognition of academic achievement at the undergraduate level.
2021 **Emory 100 Senior Honorary** – Class of 2022
Recognition of top 100 seniors in the graduating class who have demonstrated a commitment to the betterment of the Emory community.
2021 **The Heart of Emory**
Recognition of individuals who contribute to the Emory community creating a legacy through connection creativity and commitment to social justice.
2020 – 2022 **Dean's List** – Emory University
Recognition of scholarly excellence in each academic calendar year.

Publications

- 2022 John Lindo, **Rosseirys De La Rosa**, Andre Luiz Campelo dos Santos, Mónica Sans, Michael DeGiorgio, Gonzalo Figuerio. “The Genomic Prehistory of the Indigenous People of Uruguay” *PNAS Nexus*, *pgac047*.

External and Internal Talks/Presentations

External Presentations

2022 **R. De La Rosa.** “Cutmark Variation in Experimentally Butchered Deer Bones.”
Natural History Research Experience (NSF REU Site REU Site, EAR-1062692, OCE-1560088).
Washington DC, August 2022.

Internal Presentations

2022 **R. De La Rosa.** “The Evolutionary History of Ancient Uruguay.”
Presentation of the 2018 Anthropology Senior Honors Theses to Department Faculty,
Emory University Department of Anthropology. 28 March 2022.

2020 **R. De La Rosa.** “Detecting the Genetic Affinity of the Lost Indigenous People of Uruguay
and Living Individuals from the Americas.”
Emory Summer Undergraduate Research Experience (SURE) Symposium. Atlanta, GA,
August 2020.

University Service/Involvement

Vanderbilt University

Vanderbilt Anthropology Graduate Student Association (VAGSA)

2022 – Present Co-President

Build and maintain community among graduate students as well as serve as liaison between
graduate students and various organizations across the university.

Vanderbilt Students Volunteer for Science (VSVS)

2022 – 2023 Teach interactive hands-on science to middle schools across Nashville. Promote a safe and
productive learning environment.

Organization for Black Graduate and Professional Students (OBGAPS)

2023 – Present Social Affairs Chair

In charge of planning and organizing social, networking events, and special functions that
align with the precepts of the organization. Serve as diplomat and represent OBGAPS at
Vanderbilt University, on committees, panels and functions.

Ida B. Wells Elementary School Sister 2 Sister Mentoring

2023 – Present Mentor

Provide mentorship to 2nd-5th female students from Ida. B Wells public school in Nashville,
TN. Provide elementary school girls with positive role models.

Churchwell Magnum Elementary School STEM Mentor

2023 – Present Mentor

Provide mentorship to 5th grade class at Churchwell Magnum to introduce the students to
the various possibilities within the field of STEM and get them excited about science.

Black Vanderbilt University (BVU) Dore to Dore Mentorship Program

2024 – Present Mentor

Provide and connect undergraduate with mentorship in navigating college as a Black student
with academic and social support through bi-weekly meetings and monthly discussions.

Emory University

Anthropology Undergraduate Concerns Committee (UCC)

2021– 2022 Undergraduate Ambassador
Served as liaison between the undergraduate population and the anthropology dept. Planned programming to improve undergraduate experience.

Identity Space Ambassador

2021 – 2022 Student Ambassador
Served as liaison between the undergraduate population and the Office of Race in charge of renovating the identity spaces on campus.

Association of Caribbean Educators and Students (ACES)

2020 –2022 President
Build and maintain a community for Caribbean students on and off campus as well as plan events that bring awareness to the Caribbean community in the greater Atlanta area.

MindBubble Tutoring

2020 – 2022 Emory Co-Lead
Fostered a love of learning by connecting with students (grades 3-12) through weekly tutoring, workshops, and games in the greater Atlanta area.

Black and Latinx in STEM (BLIS)

2020 – 2022 Co-Founder/Co-President
Held events that inform students about the resources on campus to ensure they are supported while at Emory. Communicated with Faculty on Advisory Board and Graduate students who served as mentors for members.

Mentoring Opportunities and Resources at Emory (MORE)

2019 – 2022 Mentor
Provided academic and social support through weekly meetings and monthly discussions to incoming freshman. Connected students to information on campus about resources to ensure their success.

Office of Financial Aid: Financial Literacy

2019 – 2022 Front Desk Representative/Peer Mentor
Promoted financial success amongst diverse populations on campus by assisting students with questions regarding their financial aid and financial literacy.

Ngambika Community Service and Step Team

2022 – 2018 Co-Captain
Provide a safe-space for first-year women of color by fostering a sense of community and sisterhood through academics, service, and step.

Professional Memberships

2022 – Present American Association for Biological Anthropology

2022 – Present American Association of Genetic Anthropologists

2022 – Present Association of Black Anthropologists

2021 – Present Hispanic Scholarship Fund

2018 – Present QuestBridge Scholars

Skills

Laboratory

- Purification of modern DNA and ancient DNA
- Construction of modern DNA and ancient DNA libraries
- Quantitative PCR
- SEM Proficiency
- Basic Computational Analysis: R, MatLab, Python, Bash/Shell

Language

- Native speaker and fluency in Spanish
- Intermediate Proficiency in French
- Intermediate Proficiency in Portuguese