

Curriculum Vitae: Clara Lucia Mariencheck

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EDUCATION

- Present **Ph.D. Candidate**, George Washington University, Anthropology, Human Paleobiology Program (in progress)
- 2020 **B.A.**, Washington University in St. Louis
Major, Anthropology
Major, Spanish

RESEARCH EXPERIENCE

- 2020-Present **Primate Genomics Laboratory, George Washington University**
Graduate Student
Mentor: Dr. Brenda Bradley
- 2018-2020 **Primate Genetics and Molecular Ecology Laboratory, Washington University in St. Louis**
Mentor: Dr. Emily Wroblewski
Undergraduate Research Assistant
DNA extraction, PCR, gel electrophoresis, NGS sequencing preparation, indexing, quantification, etc.

POSTER PRESENTATIONS

- 2023 **Mariencheck, CL.**, Sherwood, CC., Hopkins, WD., Ely, JJ., and Bradley, BJ., X-linked variation in chimpanzees (*Pan troglodytes verus*) offers potential insights into sexual dimorphism of disease susceptibility. (American Association of Biological Anthropology 2023 Meeting)
- 2019 **Mariencheck, CL.**, Wroblewski, E. Comparison of *MHC-B* immunogenetic composition between the *Pan troglodytes troglodytes* and *Pan troglodytes ellioti* chimpanzee subspecies. (Washington University in St. Louis Undergraduate Research Symposium)

GRANTS & AWARDS

- 2023 **Best Student Poster Presentation**, American Association of Anthropological Genetics at the American Association of Biological Anthropology 2023 Meeting (\$200)
- 2022 **NSF Graduate Research Fellowship** (\$138,000.00)
- 2021 **American Society of Primatologists General Small Grant**, "Characterizing genetic sexual dimorphism in X chromosome genes involved in disease susceptibility and immune response in chimpanzees" (\$1,500.00)
- 2021 **International Primatological Society Special SARS-CoV-2 Grant**, "Characterizing COVID-19 genetic risk factors in non-human primates: *ACE2* variation in captive chimpanzees (*Pan troglodytes verus*)" (\$1,500.00)
- 2021 **Lewis N. Cotlow Award**, The George Washington University, "Characterizing genetic sexual dimorphism in X chromosome genes involved in disease susceptibility and immune response in chimpanzees (*Pan troglodytes verus*)" (\$1,550.00)
- 2020 **Excellence in Research Award**, Anthropology, Washington University in St. Louis
- 2019 **Summer Undergraduate Research Award**, Washington University in St. Louis, "Comparison of *Patr-B* and *Patr-DRB* genetic composition between the *Pan troglodytes troglodytes* and *Pan troglodytes ellioti* chimpanzee subspecies" (\$4,000.00)
- 2018-Pres. **Lambda Alpha Honor Society**, Washington University in St. Louis

TEACHING EXPERIENCE

- 2023 **Introduction to Biological Anthropology** (George Washington University)
Graduate Teaching Assistant
- 2022 **Introduction to Biological Anthropology** (George Washington University)
Head Graduate Teaching Assistant
- 2021 **Introduction to Biological Anthropology** (George Washington University)
Graduate Teaching Assistant
- 2020 **Introduction to Biological Anthropology** (George Washington University)
Graduate Teaching Assistant
- 2019 **Human Anatomy and Development** (Washington University in St. Louis)
Undergraduate Teaching Assistant
- 2018 **Introduction to Human Evolution** (Washington University in St. Louis)
Undergraduate Teaching Assistant

Guest Lectures:

- 2023 "Genetics and Immunity"
Introduction to Biological Anthropology (George Washington University)
- 2021 "DNA and the Human Genome"
Introduction to Biological Anthropology (George Washington University)

MENTORING AND TRAINING EXPERIENCE

Ongoing:

- 2022-Pres. Nicole Rangonoussis, BS Student, The George Washington University
- 2022-Pres. Suad Mohamad, BS Student, The George Washington University

Previous:

- 2022-2023 Martha Duarte, BS Student, The George Washington University

DEPARTMENT SERVICE

- 2023-Pres. Student Member, Social Committee, Center for the Advanced Study of Human Paleobiology
- 2022-Pres. Student Representative, Curriculum Committee for the Human Paleobiology Graduate Program, The George Washington University
- 2022-Pres. Student Liaison, Center for The Advanced Study of Human Paleobiology, The George Washington University
- 2021-Pres. Peer Advocate, Anthropology Department, The George Washington University

EDUCATIONAL OUTREACH

- 2023 **Skype-A-Scientist**, Introduction to Anthropology, Round Lake High School, Illinois, English Session
- 2022 **Skype-A-Scientist**, Lake Norman Charter Middle School, Huntersville, North Carolina, English Session
- 2022 **Skype-A-Scientist**, Plano ISD Health Science Academy, Plano, Texas, English Session
- 2022 **Skype-A-Scientist**, Rochester City School District School 22, Rochester, NY, Spanish Session
- 2021 **Skype-A-Scientist**, 1st Port Colborne/Welland Rangers, Port Colborne, Ontario, English Session

NON-ENGLISH LANGUAGE FLUENCY

- Spanish Full professional proficiency (Speak, Read, Write)