Edward Stuart

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EDUCATION

University of Washington 2025–present
Ph.D. in Biological Anthropology (in progress)
- Research interests in quantitative methods, demography, human evolution, and genetics

University of Washington 2023–2025
M.A. in Biological Anthropology
- Courses focused on quantitative methods and human evolution

Arizona State University 2018–2022
B.A. Anthropology, summa cum laude
- Courses focused on biological anthropology
- Minor in Psychology

Arizona State University 2018–2022
B.S. Chemistry, summa cum laude
- Courses focused on biochemistry and analytical chemistry
- GPA: 3.93

EXPERIENCE

University of Washington 2023–present
Teaching Assistant
- Assisted in teaching the following courses:
  - BIO A 100: Evolution and Human Behavior
  - BIO A 201: Principles of Biological Anthropology
  - BIO A 206: Plagues and Peoples
  - ANTH 215: Introduction to Medical Anthropology and Global Health
  - BIO A 388: Fossil Hominins

Test Geek Tutoring 2022–2023
SAT/ACT Tutor
- Prepared students for standardized testing
- Taught students one-on-one in Math and English

Testing Technologies, Inc. 2022–2023
Analytical Chemist
- Tested agricultural products using HPLC and GC with both MS and FID detectors
- Produced and maintained calibration records
- Wrote SOPs for various laboratory procedures

PRESENTATIONS

Stuart, Edward (2022). Ancient DNA and the Population Genomics of Bronze Age Eurasia. Presentation to the American Chemical Society.

Stuart, Edward (2025). Deciphering the relationship between cortisol and pregnancy loss. Center for Studies in Demography & Ecology Autumn 2025 Lightning Talk.

Stuart, Edward (2026). Population Genetics of the Rhesus Factor. Presentation for the American Association of Biological Anthropologists Annual Meeting, Denver, March 2026.

PROFESSIONAL ACTIVITIES

2025–2026 Organizing Committee Member, Northwest Evolution, Ecology, & Human Behavior (NWEEHB) Symposium, UW Pack Forest Conference Center, WA

SKILLS

- Bioinformatics:
  - Sequence processing, alignment, and copy number determination (SAMtools and BEDtools)
  - Population genetics (ADMIXTURE and Eigensoft)
  - GWAS (PLINK and LDSC)
- Programming in R and Bash:
  - Data wrangling
  - Simulation
  - Statistical analysis
  - Maximum likelihood estimation