

CURRICULUM VITAE

EMILY ROSE BRYSON

EDUCATION

PhD Candidate (ABD) - University of Florida

Anthropology Department. Expected Graduation date: Spring 2024

MSc Bioarchaeology and Forensic Anthropology - University College London

Institute of Archaeology. Award: Merit. Graduation date: August, 2016

B.A. Anthropology (Honors) - University of Tennessee

Anthropology Department. Award: Cum Laude. Graduation date: December, 2013

PROFESSIONAL APPOINTMENTS

2023 **Bioarcheology Lab Assistant (NAGPRA):** Florida Museum of Natural History

2021-2022 **Digitization Technician (Environmental Arch):** Florida Museum of Natural History

PUBLICATIONS

[In-Prep] **Bryson, E.R.** A novel method for the collection of orbital data in 3D Slicer.

[In-Review, Invited Article] Dwyer, I.S., **Bryson, E.R.**, Summers, S.A. & Friend, A.N. (2024) "Beyond the Border: Standards and Methods Towards the Forensic Identification of Undocumented Persons." *American Journal of Biological Anthropology*.

[In-Review, Invited Book Chapter] **Bryson, E. R.** & DeLeon V. B., (2023) "Digital Bioethics: Creating & Sharing 3D Models of Human Remains in Legacy Collections." *Open Access by Etnografica Press*.

Selba, M. C., **Bryson, E. R.**, Rosenberg, C. L., Heng, H. G., & DeLeon, V. B. (2021). Selective breeding in domestic dogs: How selecting for a short face impacted canine neuroanatomy. *The Anatomical Record*, 304(1), 101-115

Peer Reviewed Anthropology Reports (Case numbers have been redacted.)

2021 *Texas State University - Forensic Anthropology Report.* McDaneld CP, Bryson ER, Moe ME, and Spradley K. Analysis of unidentified human remains from Starr Country, Texas.

2021 *CAPHIL Forensic Anthropology Report.* Bryson ER and Stubblefield PR. Single element analysis including: biological profile, antemortem trauma, pathology & taphonomy.

2021 *CAPHIL Forensic Anthropology Report.* Bryson ER and Stubblefield PR. Biological profile, antemortem trauma, pathology, and taphonomy of a mostly complete skeleton.

2020 *CAPHIL Forensic Anthropology Report.* Bryson ER and Stubblefield PR. Biological profile, antemortem trauma, pathology, and taphonomy of a mostly complete skeleton.

2020 *CAPHIL Forensic Anthropology Report.* Bryson ER and Stubblefield PR. Field Report.

2019 *CAPHIL Forensic Anthropology Report.* Bryson ER and Stubblefield PR. Biological profile, antemortem trauma, pathology, and taphonomy of a complete skeleton.

AWARDS

- 2023** (University of Florida) AABA Travel Scholarship: \$450
2022 (University of Florida) Turlington Hall Display Case Competition: \$500
2022 (University of Florida) William R. Maples Scholarship: \$1,954.98
2022 (AAA) Experimental Biology Conference, Student Travel Award: \$300
2021 (University of Florida) Graduate Student Teaching Award: \$500
2019 (University of Florida) Elizabeth Eddy Endowment, Summer Research Fund: \$2,000
2018 - 2022 (University of Florida) Graduate Teaching Assistantship: \$78,000 (over 4 years)

CONFRENCES & PRESENTATIONS

- 2023** (AABA, Symposium) “Beyond the Border: Standards and Methods Towards the Forensic Identification of Undocumented Persons.” Authors: Dwyer, I.S., **Bryson, E.R.**, Summers, S.A. & Friend, A.N.
- 2022** (AABA, Poster) “A novel method for collecting orbital volume in 3D Slicer.” Authors: **Bryson, E.R.**, Smith, T.D., & DeLeon, V.B.
- 2022** (AAA, Poster) “Optimizing Newborn Primate Endocast Reconstruction in 3DSlicer.” Authors: **Bryson, E.R.**, King, S.E., McGovern-Lind, B.R., Proffitt, K.A., Smith, T.D., & DeLeon, V.B.
- 2022** (AAA, Poster) “Subarcuate Fossa Anatomy as an Indicator of Future Locomotor Behavior in Primates.” Authors: Militello, M., **Bryson, E.**, Smith, T., & DeLeon, V.
- 2022** (AAA, Presentation) “Brain shape explains postorbital septation in Primates.” Authors: DeLeon, V.B., Franklin, K.P., Cunningham, A.S., Summers, S.A., **Bryson E.R.**, and Vinyard, C.J. & Smith, T.D.
- 2021** (AnthroEthics, Presentation) “Digital Bioethics: Creating & Sharing 3D Models of Human Remains in Legacy Collections.” Authors: **Bryson, E.R.** & DeLeon, V.B.
- 2021** (AAPA) Assistant Session Chair – Functional Morphology

Invited Talks

- 2021** Institute for Learning in Retirement (Gainesville, FL)
2019 “Human Evolution Teaching Materials Project” Workshop (Gainesville, FL)
2019 Florida Museum of Natural History “Get a Clue! Investigations” (Gainesville, FL)

TEACHING EXPERIENCE

Course Instructor (T.O.)

- ANT 3525 “Skeleton Keys: Intro to Forensic Anthropology (Fall 2022, Spring 2023)
IDH 2930 “The Body After Death,” Honors College (Spring 2021, Fall 2022)
ANG 4525 “Human Osteology,” Anthropology Department (Fall ‘20, Spring ‘21 & ‘22)
ANG 2301 “Human Sexuality & Culture,” Anthropology Department (Summer 2019)

Teaching Assistant (T.A.)

ANG ANT 4462 “Culture & Medicine,” (Fall 2023, Spring 2024)
ANG 3520 “Skeleton Keys: Intro to Forensic Anthropology,” (Summer 2021 & 2022)
ANG 4525 “Human Osteology,” 2 lab sections (Years: 2019-2020, 2021-2022)
ANG 3201 “Introduction to Biological Anthropology,” 3 lab sections (Spring 2019)
ANG 2301 “Human Sexuality & Culture,” 3 discussion sections (Fall 2018)
Field School: Turkana Basin Institute. Turkana, Kenya (Spring 2018)

LAB WORK

2018 - 2023 Graduate Analyst – C. A. Pound Human Identification Laboratory (Gainesville, FL)
Additional Duties: Volunteer Coordinator, Dermestid Colony Manager

2018 - 2023 Graduate Assistant – DeLeon Virtual Morphology Lab. Anthropology Department,
University of Florida (Gainesville, FL)

FIELD WORK

2020 Tulsa Race Massacre Excavation Project (Tulsa, OK)

2019 Field Investigations and Response Team Member – (ASPCA) American Society for the
Protection Against Cruelty to Animals. Recoveries: 1, Large Scale (Florida)

2011 - 2017 Fisheries Technician II – Alaska Department of Fish & Game (Alaska)

2014 Field School Participant – Smithsonian Arctic Studies Center (Yakutat, Alaska)

2013 Field School Participant – Turkana Basin Institute (Turkana, Kenya)

RELEVANT SKILLS

Internships

2021 “Forensic Anthropology Center at Texas State” / “Operation ID” Total: 1 month

Workshops Attended

2023 “Slicermorph: Train the Trainers” (San Juan Islands, Washington) Total: 8 days

2023 “Applied BioStatistics Using R” (FACTS Lab, Texas) Total: 5 days

2021 “Outdoor Human Remains Recovery Course” (FACTS Lab, Texas) Total: 40 hours

2021 “Forensic Entomology & Taphonomy” (FACTS Lab, Texas) Total: 15 hours

2021 “Forensic Analysis of Human Dentition” HD Forensics (Online) Total: 20 hours

2020 “3D Morphometrics & Image Analysis Workshop” 3DSlicer (Online) Total: 20 hours

2019 “Acquiring & Post Processing 3D Data in Archaeology and Anthropology”
University of Bologna (Ravenna, Italy) Total: 10 days

Special Skills

Digitization Software & Hardware: 3DSlicer, Amira, NextEngine, ARTEC
Sonar Technology Operation (Didson, HTI, ARIS)
Outboard Motor Operation (Seasonal Employment, 6 years)

OUTREACH

2019 - 2021 Undergraduate Mentorship Coordinator (University of Florida)

2019 “Get A Clue! Summer Investigations Camp” Children’s Camp (Gainesville, FL)

2015 - 2016 Graduate Lab Consultant, Bioarchaeology Lab (University College London)

PROFESSIONAL MEMBERSHIPS

(AAFS) American Academy of Forensic Sciences – Student Affiliate

(AABA) American Academy of Biological Anthropologists – Student Member

(AAA) American Association of Anatomy – Student Member

(EAA) European Association of Archaeologists – Student Member