
SAMANTHA L. YAUSSY

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RESEARCH INTERESTS

biological anthropology, bioarchaeology, paleoepidemiology, paleopathology, social determinants of health, intersectionality, developmental origins of health and disease (DOHaD), famine

PROFESSIONAL APPOINTMENTS

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| 2020 – 2021 | Temporary Assistant Professor Department of Sociology, Social Work, & Anthropology | <i>Utah State University</i> |
| 2019 – 2020 | Visiting Assistant Professor Department of Anthropology | <i>University of Nevada, Reno</i> |

EDUCATION

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| 2015 – 2019 | Ph.D., Anthropology Dissertation Title: The Intersections of Health and Wealth: Socioeconomic Status, Frailty, and Mortality in Industrial England | <i>University of South Carolina</i> |
| 2015 – 2016 | Certificate of Graduate Study, Applied Statistics | <i>University of South Carolina</i> |
| 2013 – 2015 | M.A., Anthropology Thesis Title: Frailty, Famine, and Plague: Crisis Mortality in Medieval London | <i>University of South Carolina</i> |
| 2009 – 2013 | B.A., Anthropology with Honors Magna cum laude Honors Thesis Title: Levees, Sediments, and the Late Woodland in the North Carolina Piedmont: A Case Study of an Upper Yadkin River Site Minor in Biology | <i>Wake Forest University</i> |

REFEREED JOURNAL ARTICLES

- 2020 DeWitte SN, **Yaussy SL**. Brief communication: Sex differences in adult famine mortality in medieval London. *Am J Phys Anthropol* 171(1): 164-169. DOI:10.1002/ajpa.23930
- 2019 **Yaussy SL**. The intersections of industrialization: Variation in skeletal indicators of frailty by age, sex, and socioeconomic status in 18th- and 19th-century England. *Am J Phys Anthropol* 170(1): 116-130. DOI: 10.1002/ajpa.23881
- 2019 **Yaussy SL**, DeWitte SN. Calculus and survivorship in medieval London: the association between dental disease and a demographic measure of general health. *Am J Phys Anthropol* 168(3): 552-565. DOI: 10.1002/ajpa.23772
- 2018 **Yaussy SL**, DeWitte SN. Patterns of Frailty in Non-adults from Medieval London. *Int J Paleopathol* 22: 1-7. DOI: 10.1016/j.ijpp.2018.03.008
- 2017 DeWitte SN, **Yaussy SL**. Femur Length and Famine Mortality in Medieval London. *Bioarchaeology International* 1(3-4): 171-182. DOI: 10.5744/bi.2017.1009

- 2016** **Yaussy SL**, DeWitte SN, Redfern R. Frailty and Famine: Patterns of Mortality and Physiological Stress among Victims of Famine in Medieval London. *Am J Phys Anthropol* 160(2): 272-283. DOI: 10.1002/ajpa.22954
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REFEREED CHAPTERS

- In press** DeWitte SN, **Yaussy SL**. Bioarchaeological Applications of Intersectionality. In Cheverko C, Prince-Buitenhuys J, and Hubbe M (Eds.) *Theoretical Approaches in Bioarchaeology*. Abingdon, UK: Routledge.
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PUBLISHED ABSTRACTS / PROFESSIONAL PRESENTATIONS

- 2020** **Yaussy SL**. The intersectional effects of sex and socioeconomic status on risk of mortality in industrializing England. Poster presentation in “Bioarchaeology: Demography, Migration, and Identity” session. *American Journal of Physical Anthropology Supplement* 69:314.
- 2019** **Yaussy SL**. The Intersections of Industrialization: Variation in Physiological Stress Indicators by Age, Sex, and Socioeconomic Status in 18th- and 19th-century England. Invited poster presentation in “Paleopathology and the Rise of Industry” symposium at the Paleopathology Association meeting in March 2019.
- 2019** **Yaussy SL**. Tooth Size and Vertebral Neural Canal Size as Bioarchaeological Evidence of the Developmental Origins of Health and Disease Hypothesis. Paper presented in “Paleodemography, Health, and Disease” session. *American Journal of Physical Anthropology Supplement* 68:276.
- 2018** **Yaussy SL**. Patterns of Craniofacial Fluctuating Asymmetry in Industrial-era England. Poster presented at the University of South Carolina’s Discover USC 2018.
- 2018** **Yaussy SL**, DeWitte SN. Calculus and Survivorship in Medieval London: The Association between Dental Disease and a Demographic Measure of General Health. Invited poster presentation in “Reevaluating the Meaning of ‘Oral Health’ in Bioarchaeology” symposium. *American Journal of Physical Anthropology Supplement* 66:307.
- 2017** **Yaussy SL**, DeWitte SN. Childhood and Famine in Medieval London. Poster presentation in “Bioarchaeology and Paleopathology: Stress, Frailty, and Inequality” session. *American Journal of Physical Anthropology Supplement* 64:416.
- 2016** **Yaussy SL**, DeWitte SN. Patterns of Physiological Stress among Victims of Medieval Crisis Mortality. Invited paper in “Feasts and Famines: Foregrounding the Interaction between Humans and Their Environment” symposium at the Paleopathology Association meeting in April 2016.
- 2016** **Yaussy SL**, DeWitte SN. Sex Mortality Differentials in Medieval London in the Context of Famine. Poster presentation in “Skeletal Biology: Violence, Trauma, and Disease” session. *American Journal of Physical Anthropology Supplement* 62:341.
- 2016** **Yaussy SL**, DeWitte SN. Patterns of Physiological Stress among Victims of Medieval Crisis Mortality. Paper presented at the University of South Carolina’s Graduate Student Day 2016.

- 2015 DeWitte SN, **Yaussy SL**. Famine and Frailty: Crisis Mortality and Stature in Medieval London. Invited poster presentation in “Kampsville: Celebrating Six Decades of Anthropological Research” symposium. *American Journal of Physical Anthropology Supplement* 60:122.
- 2012 Jones EE, **Yaussy SL**. Settlement and Site Formation in the upper Yadkin River Valley. Poster presentation at Southeastern Archaeological Conference, November 2012.
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GRANTS / AWARDS / HONORS

- 2019 **USC Breakthrough Graduate Scholar Award**
Office of the Vice President for Research, University of South Carolina
- 2018 **Russell J. and Dorothy S. Bilinski Dissertation Fellowship**
\$35,000 fellowship + \$2,500 travel stipend, Office of the Vice President for Research, University of South Carolina
- 2018 **Ann Kingsolver Research & Professional Skills Fund Award**
\$476 award, Department of Anthropology, University of South Carolina
- 2018 **Discover USC Graduate Student Poster Award**
\$100 award, Office of the Vice President for Research, University of South Carolina
- 2018 **William S. Pollitzer Student Travel Award**
\$500 award, American Association of Physical Anthropologists
- 2017 **Rhude M. Patterson Graduate Fellowship**
\$5,000 fellowship, Graduate School Trustee Fellowships, University of South Carolina
- 2017 **National Science Foundation Doctoral Dissertation Improvement Grant**
\$24,074 grant, Co-PI with PI Sharon DeWitte (BCS-1649757), National Science Foundation
- 2017 **SPARC Graduate Research Grant**
\$5,384 grant, Office of the Vice President for Research, University of South Carolina
- 2016 **Eve Cockburn Student Prize (Podium Presentation)**
\$200 award, Paleopathology Association
- 2015 **Cultural Anthropology Research Experience for Graduates (REG) Grant**
\$5,000 grant, National Science Foundation
- 2015 **William S. Pollitzer Student Travel Award**
\$500 award, American Association of Physical Anthropologists
- 2014-17 **USC Department of Anthropology Graduate Travel Grants**
\$250 - \$300 annual grants, Department of Anthropology, University of South Carolina
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PROFESSIONAL DEVELOPMENT / EDUCATIONAL EXPERIENCE

- 2019 **Teaching Towards Inclusive Excellence Certificate**, *University of South Carolina*
Certificate provides professors and instructors with principles, strategies, approaches, and resources that increase their awareness of the importance of diversity, equity, and inclusion in the classroom and build their diversity competencies.

- 2017** **Analysis of Organismal Form Course**, *University of Manchester*
 Course in geometric morphometrics, taught by Dr. Chris Klingenberg. Gained experience with the theory and practice of collecting, analyzing, and interpreting two- and three-dimensional morphometric data.
- 2016** **Lead Human Osteologist**, *Asbland, Wisconsin*
 Consultant for Chequamegon Bay Archaeological Survey (CBAS), field school led by Drs. John Creese and Heather Walder. Primary role involved differentiation of human and animal bone in the field to ensure Native American burials remained undisturbed.
- 2015** **Preparing Future Faculty Certificate**, *University of South Carolina*
 Successful PFF candidates have completed activities designed to prepare participants in the critical areas of faculty competence: teaching, research, and service. It is an indicator of the participant's initiative and a measure of experience toward becoming future faculty.
- 2012** **Archaeological Research Assistant**, *Wake Forest Anthropological GIS Lab*
 Conducted background research, fieldwork, and laboratory analyses as part of a funded summer research fellowship with Dr. Eric Jones. Assisted with the 2012 Wake Forest Summer Field School, and gained skills in survey, sediment analysis, site mapping, shovel testing, and in using GPS and ArcGIS.
- 2011** **Field Crew Member**, *Rio Maior, Portugal*
 Participated in a five-week certified archaeological field school under the supervision of Dr. Paul Thacker. Excavations were undertaken at a Paleolithic campsite, a Bronze Age hill fort, and a Roman villa. Also conducted surveys and gained skills with a dumpy level, dremels, and topological maps.

PROFESSIONAL INVOLVEMENT

- 2018 – pres** **Member** – Dental Anthropology Association
- 2017 – pres** **Member** – American Anthropological Association
- 2014 – pres** **Member** – American Association of Physical Anthropologists
- 2014 – pres** **Member** – Paleopathology Association
- 2012 – 2014** **Student Member** – Southeastern Archaeological Conference

SERVICE: DEPARTMENTAL / UNIVERSITY / COMMUNITY

- Recur.** **Reviewer**
 Ad hoc reviewer for *American Journal of Physical Anthropology*, *American Journal of Human Biology*, *PLoS ONE*, *Anthropologischer Anzeiger/HOMO*, *International Journal of Osteoarchaeology*, and *International Journal of Environmental Research and Public Health*
- 2020** **Anthropology Club**
 Invited guest speaker, University of Nevada, Reno
- 2019** **Enloe Women In Science**
 Invited guest speaker, Enloe High School (Raleigh, NC)
- 2019** **North Carolina Governor's School West**
 Natural Science Instructor (Biological Anthropology)

- 2019 **University of South Carolina Discover USC**
Reviewer/judge, undergraduate research symposium
- 2019 **Paleopathology Association Cockburn Student Prize**
Reviewer/judge
- 2018 **North Carolina Governor's School West**
Invited guest speaker
- 2015 **South Carolina Anthropology Student Conference (SCASC)**
Conference moderator
- 2015 **University of South Carolina Discovery Day**
Reviewer/judge, undergraduate research symposium
- 2014 **South Carolina Anthropology Student Conference (SCASC)**
Executive committee member
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MEDIA APPEARANCES

“A skeletal marker of physiological stress might indicate good, rather than poor, health”
Research featured in University of South Carolina news article May 2, 2016.

PROFESSIONAL SKILLS / EXPERIENCE

Instructor of Record Teaching Experience

Two semesters of experience at the University of Nevada, Reno (in-person and on-line). Courses included Introduction to Physical Anthropology, Fundamentals of Forensic Anthropology, Human Variation, Advanced Forensic Anthropology, Paleopathology, and Human Osteology.

Graduate Teaching Experience

Ten semesters of experience in both lecture- and lab-based teaching settings as a graduate teaching assistant (TA). TA duties involved weekly solo lab instruction, grading all course material, and holding weekly office hours. Graduate teaching experience also included guest lectures in several biological anthropology courses. Topics included population genetics, paleoanthropology, epidemiology, and human behavior.

Certifications

Manual Handling Awareness (UK) for safe conduct in work environments, August 2017.

Field and Laboratory Skills

Extensive experience with macroscopic examination of human skeletal remains. Three summers of archaeological excavation and survey experience. Acquainted with optical line meters, dremels, shovel testing, bank profiling, and GPS mapping. Archaeological laboratory experience processing sediment samples with sieve shaker, bouyocous hydrometer protocols, and grain morphology assessment.

Computer-Based Skills

Proficient in Microsoft Office package software, including Word, Excel, PowerPoint, and Acrobat. Proficient with GPS mapping systems and ArcGIS software. Proficient with statistical programs and analyses, including maximum likelihood estimation, hazard modeling, and SPSS. Proficient with 3Skull and MorphoJ morphometric softwares.
