
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 – 2023 | Temporary Assistant Professor
Department of Sociology and Anthropology | <i>Utah State University</i> |
| 2019 – 2020 | Visiting Assistant Professor
Department of Anthropology | <i>University of Nevada, Reno</i> |
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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> |
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REFEREED JOURNAL ARTICLES

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| 2022 | Yaussy SL. Intersectionality and the interpretation of past pandemics. <i>Bioarchaeology International</i> 6(1-2): 58-76. DOI: 10.5744/bi.2020.0028 |
| 2020 | DeWitte SN, Yaussy SL. Brief communication: Sex differences in adult famine mortality in medieval London. <i>Am J Phys Anthropol</i> 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. <i>Am J Phys Anthropol</i> 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. <i>Am J Phys Anthropol</i> 168(3): 552-565. DOI: 10.1002/ajpa.23772 |
| 2018 | Yaussy SL, DeWitte SN. Patterns of frailty in non-adults from medieval London. <i>Int J Paleopathol</i> 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 Yaussy SL**. Epidemiology and Mathematical Modeling. In Grauer, A (Ed.) *The Routledge Handbook of Paleopathology*. Abingdon, UK: Routledge.
- 2020 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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BOOK REVIEWS

- In press Yaussy SL**. Invited review of Schrenk A and Tremblay LA. 2022. *Bioarchaeology of Care through Population-Level Analyses*. University of Florida Press. *American Antiquity*.
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PUBLISHED ABSTRACTS / PROFESSIONAL PRESENTATIONS

- 2022 Boyd D, **Yaussy SL**, Landon C. Considering the Hyperinflammatory State in the Study of Periosteal Visceral Surface Rib Lesions: A Case Study in England at the Rise of Industry. Podium presentation at the Paleopathology Association meeting in March 2022.
- 2021 **Yaussy SL**, DeWitte SN, Hughes-Morey G. The Second Epidemiological Transition: Survivorship and Industrialization in London. Poster presentation in “Bioarchaeology: Infectious Disease & Epidemics” session. *American Journal of Physical Anthropology Supplement* 71:116.
- 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.

GRANTS / AWARDS: EXTRAMURAL

- 2021 **Cobb Professional Development Grant**
\$5,845 grant, American Association of Biological Anthropologists
- 2018 **William S. Pollitzer Student Travel Award**
\$500 award, American Association of Physical Anthropologists
- 2017 **National Science Foundation Doctoral Dissertation Improvement Grant**
\$24,074 grant, Co-PI with PI Sharon DeWitte (BCS-1649757), National Science Foundation
- 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

GRANTS / AWARDS: INTRAMURAL

- 2022 **College of Humanities and Social Sciences (CHaSS) Faculty Conference Grant**
\$826 award, CHaSS Dean’s Office, Utah State University
- 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
- 2017 Rhude M. Patterson Graduate Fellowship**
\$5,000 fellowship, Graduate School Trustee Fellowships, University of South Carolina
- 2017 SPARC Graduate Research Grant**
\$5,384 grant, Office of the Vice President for Research, University of South Carolina
- 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.
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PROFESSIONAL MEMBERSHIPS

- 2018 – pres.** Dental Anthropology Association
- 2017 – pres.** American Anthropological Association

- 2014 – pres. American Association of Biological Anthropologists
2014 – pres. Paleopathology Association
2012 – 2014 Southeastern Archaeological Conference
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INVITED LECTURES / PRESENTATIONS

- 2021 **North Carolina Governor’s School West**
High Point University (High Point, NC)
2020 **Visiting Lecture Series**
University of Tennessee (Knoxville, TN)
2020 **Anthropology Club**
University of Nevada Reno (Reno, NV)
2019 **Enloe Women in Science**
Enloe High School (Raleigh, NC)
2018 **North Carolina Governor’s School West**
Salem College (Winston-Salem, NC)
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SERVICE: DEPARTMENTAL / UNIVERSITY

- 2019 **University of South Carolina ‘Discover USC’**
Reviewer/judge, undergraduate research symposium
2015 **South Carolina Anthropology Student Conference**
Conference moderator
2015 **University of South Carolina Discovery Day**
Reviewer/judge, undergraduate research symposium
2014 **South Carolina Anthropology Student Conference**
Executive committee member
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SERVICE: PROFESSIONAL / COMMUNITY

- 2021 **North Carolina Governor’s School**
Application review committee (Natural Science)
2020 **Dept. of Anthropology and Middle Eastern Cultures, Mississippi State University**
Panelist, Graduate Student Association “Post-PhD Information Panel”
2019 **Paleopathology Association Cockburn Student Prize**
Reviewer/judge
2019 **North Carolina Governor’s School West**
Natural Science Instructor (Biological Anthropology)

Ad Hoc Reviewer: Journals

American Journal of Biological Anthropology, American Journal of Human Biology, PLoS ONE, International Journal of Paleopathology, International Journal of Osteoarchaeology, Anthropologischer Anzeiger/HOMO, Humanities & Social Science Communications, International Journal of Environmental Research & Public Health

Ad Hoc Reviewer: Funding Agencies

National Science Foundation (Biological Anthropology Program), European Research Council

MEDIA APPEARANCES

“Bioanthropology and COVID-19”

Featured guest on the “Project Quaranteens” podcast released September 5, 2021.

“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.

TEACHING EXPERIENCE

Courses Taught (Instructor of Record)

Introduction to Physical/Biological Anthropology (in-person and online) – undergraduate

Fundamentals of Forensic Anthropology (in-person) – undergraduate

Human Variation (in-person) – undergraduate and graduate

Advanced Forensic Anthropology (in-person and online) – undergraduate

Paleopathology (in-person and online) – undergraduate

Human Osteology (in-person) – undergraduate

Perspectives on Race (in-person and online) – undergraduate

Sex, Evolution, and Health (in-person and online) – undergraduate

Anthropology of Disease: Pandemics (online) – undergraduate

Forensic Anthropology (in-person and online) – undergraduate

Environment and Health in the Past (online) – undergraduate

Courses Taught (Graduate Teaching Assistant)

Introduction to Biological Anthropology Labs (in-person) – undergraduate

PROFESSIONAL SKILLS / CERTIFICATIONS

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.

Certifications

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