

THOMAS J. SNYDER

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EDUCATION

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| 2019 – Present | University of California, Davis, California <ul style="list-style-type: none">– PhD Candidate in Anthropology– Major Professor: Dr. Jelmer Eerkens |
| 2019 – 2021 | University of California, Davis, California <ul style="list-style-type: none">– Master of Arts in Anthropology |
| 2015 – 2019 | Vanderbilt University, Nashville, Tennessee <ul style="list-style-type: none">– Bachelor of Arts with Highest Honors in Anthropology– Honors Thesis: “Reconstructing Diet in the Aftermath of Wari Imperial Decline: Stable Isotope Analysis of Human Remains from Huari-Monqachayoq-Solano, Peru.” (Advisor: Dr. Tiffany A. Tung) |

RESEARCH SPECIALIZATION

Climate change, bioarchaeology, osteology, sociopolitical buffering systems, stable isotope analysis, Andean archaeology

GRANTS AND SCHOLARSHIPS

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| 2022 | UC Davis Hemispheric Institute on the Americas Summer Research Fellowship (\$1500) |
| 2021 | Evolutionary Anthropology Summer Fellowship (\$3000) |
| 2019 – 2020 | UC Davis’ Provost’s Fellowship in the Arts, Humanities, and Social Sciences (\$58,302) |
| 2019 | Grant from the Vanderbilt University College of Arts and Science for presenting student research at the Annual Meeting of the Society for American Archaeology (\$400) |
| 2018 | Grant from the Vanderbilt University College of Arts and Science for presenting student research at the Annual Meeting of the American Association of Physical Anthropology (\$400) |
| 2017 | Rankin Scholar, Vanderbilt Center for Classical and Mediterranean Studies (\$3000) |

PEER REVIEWED PUBLICATIONS

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| 2023 | Climate change intensified violence in the south-central Andean highlands from 1.5 to 0.5 ka. TJ Snyder , R Haas, Quaternary Research, Cambridge University Press. https://doi.org/10.1017/qua.2023.23 |
| 2019 | The limited efficacy of 3D models for teaching students sex estimations based on cranial traits: A case for investment in |

osteology teaching labs. SC Kuzminsky, **TJ Snyder**, TA Tung. International Journal of Osteoarchaeology. <https://doi.org/10.1002/oa.2841>

HONORS AND AWARDS

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| 2020 | UC Davis Rodman-Mitani Award (\$750) |
| 2018 – 2019 | Vanderbilt University's Dean List |
| 2017 | Engaged Anthropology Award, from the Vanderbilt Anthropology Department for anthropological research that engages the community (\$200) |

PODIUM PRESENTATIONS

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| 2023 | Snyder TJ , Haas R. "Climate Change Intensifies Violence in the South Central Andean Highlands, 1.5–0.5 ka" Society of American Archaeology. April 2023 |
| 2022 | Snyder TJ , Haas R. "Quantifying the Utility of Satellite Survey for Archaeological Site Discovery: An Experimental Analysis in Southern Peru" Society of American Archaeology. April 2022 |
| 2021 | Snyder TJ , Washburn E, Hull B, Oelze V, Haas R. "Strontium and Oxygen Isotope Analysis Indicates Restricted Mobility Among Early Foragers in the Highland Andes" American Association of Physical Anthropologists. Virtual, April 2021 |

POSTER PRESENTATIONS

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| 2022 | Snyder TJ , Whittemore AF, Schach E. "Inka on the South Coast: An osteobiographical analysis of an early imperial encounter" Western Bioarchaeology Interest Group. Riverside, CA, October 2022 |
| 2022 | Snyder TJ , Soares S, Haas R. "Drought Induced Violence on the Andean Altiplano 470 – 1532 CE: A Bioarchaeological Meta-Analysis of Conflict of Climate Change" Institute of Andean Studies. Berkeley, CA, January 2022. |
| 2019 | Snyder TJ , Vang N, Tung T.A. "Reconstructing Childhood Diet in the Aftermath of Wari Imperial Decline: Stable Carbon Isotope Analysis of Human Dentition from Huari-Monqachayoq Solano, Peru" Society for American Archaeology. Albuquerque, NM, April 2019. |
| 2018 | Snyder TJ , Kuzminsky S, Tung T.A. "The Efficacy of 3D Models for Sex-Scoring Crania from Archaeological Contexts in Southern Peru," American Association of Physical Anthropologists. Austin, TX, April 2018. |

LAB EXPERIENCE

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| 2016 – 2019 | Lab Assistant: Vanderbilt Bioarchaeology Stable Isotope Research Lab |
| | <ul style="list-style-type: none"> – Processed archaeological and modern samples of bone and teeth chemicals for mass spectrometry and stable isotope studies of carbon, nitrogen, and oxygen. – Managed database of human, faunal, floral, and water samples for stable isotopes studies |

- Assessed cranial trauma, sex, and cranial vault modification from a variety of Andean sites; compiled a database of findings to assess patterns of violence
- Compiled database of mitochondrial DNA single nucleotide polymorphisms
- Assisted in training undergraduate and high school students in basic laboratory procedures and bioarchaeology

FIELD EXPERIENCE

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| 2022 | Field School Teaching Assistant: University of North Carolina, Greensboro <ul style="list-style-type: none"> – Taught human osteology in Moquegua, Peru. Assisted to organize logistics for field analysis of archaeological artifacts and human remains internationally. |
| 2021 | Field School Volunteer: University of California, Davis <ul style="list-style-type: none"> – Crew chief for archaeological surveys in the western Great Basin – Excavated Great Basin Lithic Assemblages – Returned artifacts recovered through surface collection and excavation to their original positions per tribal organization request. |
| 2017 | Field Assistant: Proyecto Bio-Arqueológico de Arequipa <ul style="list-style-type: none"> – Inventoried, photographed, and analyzed commingled skeletal remains from the Peruvian archaeological sites – Created detailed 3D models of crania using NextEngine 3D Laser Scanner and ScanStudio laser scanning device and software – Worked with an international team of scholars to analyze salvaged osteological samples |

TEACHING EXPERIENCE

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| 2023 | Associate Instructor: University of California, Davis ANT 175: <i>Andean Prehistory: Archaeology of the Inka & Their Ancestors</i> |
| 2022 | Field School Teaching Assistant: University of North Carolina, Greensboro: <i>Human Osteology</i> |
| 2022 | Head Teaching Assistant: University of California, Davis ANT 01: <i>Human Evolutionary Biology</i> |
| 2022 | Teaching Assistant: University of California, Davis ANT 01: <i>Human Evolutionary Biology</i> |
| 2021 | Teaching Assistant: University of California, Davis ANT 101: <i>Ecology, Nature, and Society</i> (Virtual) |
| 2021 | Teaching Assistant: University of California, Davis ANT 01: <i>Human Evolutionary Biology</i> (Virtual) |
| 2020 | Co-Instructor: University of California, Davis FYS: <i>Skeletons in our Closet Talking Diversity in the Quest for Human Origins</i> (Virtual) |
| 2020 | Teaching Assistant: University of California, Davis ANT 15: <i>Human Life Cycle</i> |
| 2019 | Teaching Assistant: Vanderbilt University UNIV 3330: <i>The History and Science of Brewing</i> |

OUTREACH & SERVICE

- 2021-2022 UC Davis Department of Anthropology Diversity, Equity, and Inclusion Committee Member
- Organized departmental discussions on issues regarding diversity, equity, and inclusion
 - Invited guest speakers for presentations on issues ranging from the presence of on-campus policing to departmental NAGPRA compliance
 - Drafted departmental DEIC statement in collaboration with other scholars
- 2019 The UC Davis Department of Anthropology Museum Education Outreach Program
- Presented short lectures on archeology with hands-on activities for elementary and high school students in the greater Sacramento area

POPULAR AND UNIVERSITY PRESS

- 2023 **Climate Change Likely Led to Violence in Early Andean Populations** by Karen Nikos-Rose. UC Davis News.
<https://www.ucdavis.edu/curiosity/news/climate-change-led-violence-among-early-andes-settlers>

PROFESSIONAL MEMBERSHIPS

- 2021 – Present Society for Archaeological Sciences
2018 – Present Society for American Archaeology
2017 – Present American Association of Biological Anthropology

LANGUAGES

ENGLISH - Native
SPANISH – Intermediate

REFERENCES

Dr. Randy Haas

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