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EDUCATION

- 2013 PhD Purdue University, Anthropology, with distinction
2010 MSc Purdue University, Anthropology, with distinction
2006 BA University of California, Santa Barbara, Anthropology and History, with honors

ACADEMIC POSITIONS

- 2023- Associate Professor, Archaeology, Leiden University; Head of the Lab of Osteoarchaeology
2017-2023 Assistant Professor, Archaeology, Leiden University; Head of the Lab of Osteoarchaeology
2016-2017 Adjunct Assistant Professor, Anthropology, University of Notre Dame
2014-2016 Visiting Assistant Professor, Anthropology, University of California, Santa Cruz
2013-2014 Visiting Assistant Professor, Anthropology, Western Michigan University

RESEARCH AND TEACHING INTERESTS

Sociopolitical complexity and resultant inequalities, health disparities, and violence; Psychosocial and physiological stress; Mobility, migration, and ancient diaspora; Frailty & resilience; Bioarchaeology of the everyday; Biogeochemistry & biomolecules; Mortuary archaeology; Nile Valley archaeology (Sudan, Egypt, North Africa); Medieval and Early Modern Low Countries and Western Europe

PUBLICATIONS

MONOGRAPHS

- 2019 **S. Schrader**, *Activity, Diet, and Social Practice: Addressing Everyday Life in Human Skeletal Remains*. Bioarchaeology and Social Theory Series, Springer. (D. Martin, series editor)
2013 **S. Schrader**, *Bioarchaeology of the Everyday: Analysis of Diet and Activity Patterns in the Nile Valley*. PhD Dissertation, Purdue University

ARTICLES, PEER-REVIEWED (*student collaboration)

- 2025 **S. Schrader**, M. Buzon, E. Maggart, A. Jenkins, and S.T. Smith, "Daily Life in a New Kingdom Fortress Town in Nubia: A Reexamination of Physical Activity at Tombos" *Journal of Anthropological Archaeology*.
2025 O. Chiappa Zugazagoitia* and **S. Schrader**, "The effects of urban living on child, infant, and maternal health: A Comparative Study of Linear Enamel Hypoplasia Between Two Dutch Post-Medieval Populations" *International Journal of Osteoarchaeology*.

- 2025 J. Carballo Pérez, U. Matic, R. Hall,* S.T. Smith, and **S. Schrader**, “Tumplines, Baskets and Precious Burdens: An Interdisciplinary Approach to Bodily Techniques of Carrying Children and Weight in Bronze Age Nubia, New Evidence from Abu Fatima” *Journal of Anthropological Archaeology* 77:101652.
- 2024 **S. Schrader**, T. Fushiya, M. Saad, and E.H.A. Hassan, “Decolonizing Bioarchaeology in Sudan” *Journal of African Archaeology* 22(1-2):12-38.
- 2024 M. Cansa* and **S. Schrader**, “Exploring the Impact of Tobacco Consumption on the Respiratory Health of two Dutch Skeletal Populations (1300-1829 CE).” *World Archaeology*.
- 2024 M. Casna* and **S. Schrader**, “The Urban Sea: Cribra orbitalia, Porotic hyperostosis, Linear enamel hypoplasia, and Sinusitis in three diachronic urban sites from the Dutch Province of Zeeland (1030-1800 CE)” *International Journal of Osteoarchaeology* 34(3):e3302.
- 2024 M. Casna* and **S. Schrader**, “Chronic Maxillary Sinusitis: A Comparison of Osteological and CT Methods of Diagnosis” *International Journal of Paleopathology* 45:30-34.
- 2024 Y. Niu* and **S. Schrader**, “Social Inequality and Body Mass Differences in Two Post-Medieval Dutch Populations” *International Journal of Osteoarchaeology* 34(5):e3320.
- 2024 M. Casna,* A. Davies-Barrett, and **S. Schrader**, “Smoking histories: A bioarchaeological approach to tobacco consumption in two skeletal populations from the Netherlands (1300-1829 CE)” *Post-Medieval Archaeology* 58(1):1-13.
- 2024 V. Pace,* M. Casna,* and **S. Schrader**, “Using computed tomography to diagnose chronic frontal sinusitis in the skeletal remains of a post-medieval Dutch rural community (AD 1829-1866)” *Journal of Archaeological Science* 170:106041.
- 2023 **S. Schrader** and J. Carballo-Pérez, “Special Issue Adaptive Tools for Resilient Bones: Biostatistical Approaches to Past Physical Activity in Osteoarchaeology” *International Journal of Osteoarchaeology* 33(3): 381-388.
- 2023 B. Shaw....**S. Schrader**, and R. Layfield, “Antibody-based sex determination of human skeletal remains” *iScience* 26(11): 108191.
- 2023 J. Olszewski,* R. A. Hall,* ... and **S. Schrader**. “Osteological, multi-isotope and proteomic analysis of poorly-preserved human remains from a Dutch East India Company burial ground in South Africa” *Scientific Reports* 13:14666.
- 2023 S. van der Pas and **S. Schrader**. “Towards Standardization of Statistical Reporting in Studies on Enthesal Changes.” *International Journal of Osteoarchaeology* 33(3):475-478.
- 2023 J. Carballo-Pérez and **S. Schrader**. “Embodied Labors During the State Formation of Egypt and Nubia (ca. 4800-1750 BCE): Elucidating Transformations in Behavioral Patterns with Enthesal Changes.” *International Journal of Osteoarchaeology* 33(3):440-460.

- 2023 C. Cheverko, **S. Schrader**, C. Torres, W. Pestle, and M. Hubbe. "Emerging Inequality in the San Pedro de Atacama Oases (Chile): An Investigation of Entheseal Patterns Using ANCOVA and Factorial ANOVA" *International Journal of Osteoarchaeology* 33(3):402-418.
- 2023 M. Casna,* R. Schats, M. Hoogland, and **S. Schrader**, "A Distant City: Assessing the Impact of Dutch Socioeconomic Developments on Urban and Rural Health Using Respiratory Disease as a Proxy," *International Journal of Paleopathology* 42:34-45.
- 2023 J. Dekker,* ... **S. Schrader**, M. Soressi, and J. Hendy. "Spatial Analysis of the Ancient Proteome of Archaeological Teeth Using Mass Spectrometry Imaging" *Rapid Communications in Mass Spectrometry* 37:e9486.
- 2023 M. Lamer, B. Veselka, **S. Schrader**, M. Hoogland, and M.B. Brickley, "Precarious Adolescence: Adolescent Rickets and Anterior Sacral Angulation in Two Dutch Skeletal Collections from the 18th-19th Centuries" *International Journal of Paleopathology* 40:63-69.
- 2022 **S. Schrader**, "The Embodiment of Colonial Strategy: Osteoarthritis in Ancient Nubia" *International Journal of Osteoarchaeology* 32(4):746-758.
- 2022 I. Sluis,* B. Bartholdy, M. Hoogland, and **S. Schrader**, "Age Estimation Using Vertebral Bone Spurs: Testing the Efficacy of Three Methods on a European Population" *Forensic Science International: Reports* 6:100301.
- 2022 M. Casna* and **S. Schrader**, "Urban Beings: A Bioarchaeological Approach to Socioeconomic Status, Cribra Orbitalia, Porotic Hyperostosis, Linear Enamel Hypoplasia, and Sinusitis in the Early-Modern Northern Low Countries (A.D. 1626-1850)" *Bioarchaeology International* 6(4):217-232.
- 2022 E. Liagre,* M. Hoogland, and **S. Schrader**, "It Runs in the Family: Kinship Analysis Using Foot Anomalies in the Cemetery of Middenbeemster (Netherlands, 17th-19th century)." *International Journal of Osteoarchaeology* 32(4):769-782.
- 2021 **S. Schrader** and S.T. Smith, "The Archaeology of the Kerma Culture." In *The Oxford Research Encyclopedia of African History*. Oxford University Press.
- 2021 M. Casna,* C. Burrell, R. Schats, M. Hoogland, and **S. Schrader**, "Urbanisation and respiratory stress in the Northern Low Countries: A Comparative Study of Chronic Maxillary Sinusitis in Two Early Modern Sites from the Netherlands (AD 1626-1866)." *International Journal of Osteoarchaeology* 31(5):891-901.
- 2020 B. Bartholdy, E. Sandoval,* M.L.P. Hoogland, and **S. Schrader**. "Getting Rid of Dichotomous Sex Estimations: Why Logistic Regression Should be Preferred Over Discriminant Function Analysis." *Journal of Forensic Sciences* 65(5):1685-1691.
- 2019 **S. Schrader**, M. Buzon, L. Corcoran, and A. Simonetti, "Intraregional ⁸⁷Sr/⁸⁶Sr Variation in Nubia: New Insights from Third Cataract." *Journal of Archaeological Science: Reports* 24:373-379.
- 2018 **S. Schrader**, S.T. Smith, S. Olsen, and M. Buzon, "Symbolic Equids and Kushite State Formation: A Horse Burial at Tombos." *Antiquity* 92(362):383-397.

- 2018 **S. Schrader**, M. Buzon, and S.T. Smith, “Colonial-Indigene Interaction in Ancient Nubia: An Integrative Analysis of Diet, Health, and the Material Record.” *Bioarchaeology of the Near East* 12:1-32.
- 2017 **S. Schrader** and M. Buzon, “Everyday Life After Collapse: A Bioarchaeological Examination of Entheseal Change and Accidental Injury in Post-Colonial Nubia.” *Bioarchaeology International* 1(1-2):19-34.
- 2015 **S. Schrader**, “Elucidating Inequality in Nubia: An Examination of Entheseal Remodeling at Kerma (Sudan).” *American Journal of Physical Anthropology* 156:192-202.
- 2014 **S. Schrader**, M. Buzon, and J. Irish, “Illuminating the Nubian ‘Dark Age’: A Bioarchaeological Analysis of Dental Non-Metric Traits During the Napatan Period.” *Journal of Comparative Human Biology* 65(4):267-280.
- 2012 **S. Schrader**, “Activity Patterns in New Kingdom Nubia: An Examination of Entheseal Remodeling and Osteoarthritis at Tombos.” *American Journal of Physical Anthropology* 149:60-70.

BOOK CHAPTERS, PEER-REVIEWED

- 2024 **S. Schrader** and M. Buzon, “Isotopic and skeletal approaches to diet and mobility in ancient Nubia.” In *Landscape and Resource Management in Bronze Age Nubia: Archaeological Perspectives on the Exploration of Natural Resources and the Circulation of Commodities in the Middle Nile*, edited by J. Budka and R. Lemos, Contributions to the Archaeology of Egypt, Nubia, and the Levant 17, Wiesbaden. pp. 159-172.
- 2024 L. Horáčková, A.J. Scheers,* and **S. Schrader**, “Skeletal remains.” In *Five New Kingdom Tombs at Saqqara*, edited by M. J. Raven. Sidestone. pp. 373-403.
- 2023 R.J. Gilmour, L. Mansukoski, and **S. Schrader**, “Injury, Disease and Recovery: Skeletal Adaptations to Immobility and Impairment.” In *Behaviour in Our Bones: How Human Behaviour Influences Skeletal Morphology*, edited by C.S. Hirst, R.J. Gilmour, K.A. Plomp, F.A. Cardoso. Elsevier. pp.281-302
- 2020 **S. Schrader** and C. Torres-Rouff. “Embodying Bioarchaeology: Theory and Practice.” In *Theoretical Approaches in Bioarchaeology*, edited by C. Cheverko, J. Prince-Buitenhuys, and M. Hubbe. Routledge.
- 2019 M. Buzon, **S. Schrader**, and G. Bowen, “Isotopic Approaches to Mobility in Northern Africa: A Bioarchaeological Examination of Egyptian/Nubian Interaction in the Nile Valley.” In *Burials, Migration, and Identity in the Ancient Sahara and Beyond*, edited by D. Mattingly. Cambridge University Press.
- 2017 **S. Schrader** and S.T. Smith, “Socializing Violence: Interpersonal Violence Recidivism at Abu Fatima (Sudan).” In *Broken Bodies: Bioarchaeological and Forensic Approaches of Accumulative Trauma and Violence*, edited by C. Tegtmeyer and D. Martin. Lexington Books.

PUBLISHED REPORTS

- 2023 H. Mickleburgh...**S. Schrader**, E. Seferidou. Nederlandse Vereniging voor Fysische Antropologie: Ethical Guidelines on Human Remains. (English and Dutch)
- 2019 P. del Vesco...**S. Schrader**. Current Research of the Leiden-Turin Archaeological Mission in Saqqara: A Preliminary Report of the 2018 Season. *Rivista del Museo Egizio* 3.

EXTERNAL RESEARCH FUNDING

- 2023 Dutch Research Council, NWO, Open Competition-XS, “The Evolution of Stress” awarded to PI **S. Schrader** (€50,000)
- 2022 Dutch Research Council, NWO, VIDI Grant, “Embodied Inequality: Transforming Archaeological Knowledge of State Formation, Social Disparity, and Health Inequality” awarded to PI **S. Schrader** (€800,000)
- 2021 Stichting Nederlands Museum voor Anthropologie en Praehistorie, “Identifying Ancient Cancer: A Proteomic Approach” awarded to PI **S. Schrader** and Co-PI R. Layfield (€3,000)
- 2021 Marie Skłodowska-Curie Actions, Horizon EU Post-Doctoral Fellowship, “Women-PRO: The biological and social profiles of women in pre-pharaonic Egypt and Nubia (4th-3rd millennium BC), a biocultural approach” awarded to PI V. Tamorri and supervisor **S. Schrader** (€187,625)
- 2021 Dutch Research Council, NWO, PhD Humanities “A study into the impact of socio-economic changes on the respiratory health of past Dutch populations” awarded to PhD student M. Casna, supervisor **S. Schrader**, and co-supervisor A. Henry (€254,945)
- 2018 American Association of Physical Anthropologists Cobb Professional Development Grant, “Unearthing Hidden Stress and Frailty: An Assessment of Hair Cortisol and Non-Specific Disease Indicators,” awarded to PI **S. Schrader** (\$7,500)
- 2017 Franklin Research Grant, American Philosophical Society, “Moving to the City: An Examination of Migration, Urbanization, and State Formation in Ancient Nubia,” awarded to PI **S. Schrader** (\$6,000)
- 2016 National Geographic Society, “Socializing Violence in Ancient Nubia: Connecting Interpersonal Conflict with State Development in the Archaeological Record” awarded to PI **S. Schrader** (\$20,000)
- 2012 National Science Foundation Dissertation Improvement Grant, “Bioarchaeological Analysis of Diet and Activity Patterns in the Nile Valley,” BCS-1128950, awarded to PhD student **S. Schrader** and supervisor M. Buzon (\$19,849)

INTERNAL RESEARCH FUNDING

- 2024 Kiem Seed Grant, “Bones Under the Microscope,” awarded to PI **S. Schrader** (€10,000)

- 2021 Conference Organization Grant, “Adaptive Tools for Resilient Bones: Biostatistical Approaches to Past Physical Activity in Osteoarchaeology” Leids Universiteits Fonds, awarded to PI **S. Schrader** and co-PI J. Carballo-Pérez (€3,750)
- 2018 Bakels Research Grant, “Stressed Out: An Analysis of Archaeological Hair Cortisol,” Leids Universiteits Fonds, awarded to PI **S. Schrader** (€5,000)
- 2014 Research Travel Fund, Office of the Vice President for Research, Western Michigan University, awarded to PI **S. Schrader** (\$800)
- 2013 Walter Hirsch Award, Dissertation Research Award, Purdue University, awarded to PI **S. Schrader** (\$1,500)
- 2012 Global Research Synergy Grant, “Identifying Migration: Egyptian Diet and Social Identity in Ancient Nubia,” Purdue University, awarded to PI **S. Schrader** (\$10,050)
- 2012 Purdue Research Foundation Grant, “Archaeology of the Everyday: A Bioarchaeological Approach to Activity Patterns and Diet of Ancient Nubians,” Purdue University, awarded to PI **S. Schrader** (\$15,288)

TEACHING – INSTRUCTOR OF RECORD

- 2017-2026 **Leiden University**
 Advanced Osteoarchaeology
 Advanced Paleopathology
 Bioarchaeology
 Professional Development
 Scientific Methodology in Archaeology
 MSc Archaeological Science Internship Coordinator
- 2016-2017 **University of Notre Dame**
 Biocultural Approaches to Food
- 2014-2016 **University of California, Santa Cruz**
 Introduction to Biological Anthropology
 Human Skeletal Biology
 Bioarchaeology and Forensics
 Biocultural Approaches to Food
- 2013-2014 **Western Michigan University**
 Race, Biology, and Culture (lecture)
 Race, Biology, and Culture (online)
 Bioanthropological Approaches to Food
 Cultures of Africa
 Introduction to Biological Anthropology
- 2012-2013 **Purdue University**
 Culture, Food and Health
 Archaeology of Ancient Egypt and the Near East

ARCHAEOLOGICAL FIELDWORK AND EXPERIENCE

- 2018- Saqqara (Egypt); Researcher affiliated with Rijksmuseum van Oudheden, Leiden

- 2017- Curator of Skeletal Collections, Laboratory for Human Osteoarchaeology, Leiden University
- 2016-2019 San Pedro de Atacama, Chile; Researcher
- 2015- Abu Fatima, Sudan; Co-Director of Excavation and Lead Bioarchaeologist
- 2015 Hannek, Sudan; Co-Director of Excavation and Lead Bioarchaeologist
- 2012 The British Museum; Researcher
- 2012- Duckworth Laboratory, University of Cambridge; Researcher
- 2012- Panum Institute, University of Copenhagen; Researcher
- 2010- Tombos, Sudan; Lead bioarchaeologist and lab manager
- 2007-2008 Port Anta Association for Iberian Archaeology, Lisbon; Research and instruction

LABORATORY TRAINING AND EXPERIENCE

- 2017- Head of the Laboratory for Human Osteoarchaeology, Leiden University
- 2017- Leiden University Medical Center, Department of Endocrinology (LC-MS/MS)
- 2016- University of Notre Dame, Center for Environmental Science & Technology (carbon and nitrogen isotope analysis; EA-IRMS)
- 2015- University of Notre Dame, Integrated Imaging Facility and the Midwest Isotope and Trace Element Research Analytical Center (Strontium; MC-ICP-MS, SEM/FTIR)
- 2011-2012 Purdue University, The Study on global AGEing and adult health (SAGE; enzyme immunoassay for stress, cardiovascular health, and systemic inflammation biomarkers)
- 2010 University of Manchester, Analysis of Organismal Form Course (morphometrics, MorphoJ software)
- 2009 The University of Utah, Salt Lake City, Stable Isotopes in Ecology Course and Lab
- 2008- Purdue University, 3D Scanning, (NextEngine laser scanner)
- 2008-2013 Purdue University, Purdue Stable Isotope Facility (carbon and nitrogen isotope analysis of collagen and carbonate)

AWARDS

- 2023 Mentorship Award, British Association for Osteoarchaeology and Biological Anthropology Association, nomination from students
- 2022 Emerging Voice Award, College of Liberal Arts, Purdue University
- 2019 The (Dutch) University Teaching Qualification, Basis Kwalificatie Onderwijs (BKO)
- 2016 Early Career Award, Paleopathology Association
- 2016 Accessibility Leadership Award, Disability Resource Center, University of California, Santa Cruz
- 2013 Teaching Award, Committee for the Education of Teaching Assistants, Purdue University
- 2011 Graduate Teaching Certificate Center for Instructional Excellence, Purdue University

- 2010 Distinguished Masters Thesis Award, Purdue University, College of Liberal Arts
- 2006 Distinguished Undergraduate Thesis Award, University of California, Santa Barbara
- 2006 Departmental Honors in Anthropology, University of California, Santa Barbara
- 2006 Departmental Honors in History, University of California, Santa Barbara

INVITED LECTURES AND KEYNOTES

- 2025 **S. Schrader** “Osteoarchaeology: An Ethical Approach to the Excavation and Analysis of Human Skeletal Remains” Rijksmuseum van Oudheden
- 2024 **S. Schrader** “Stressed Out: How Bioarchaeologists Address Physiological Stress in the Past,” Department of Anthropology and Archaeology, University of Bristol
- 2024 **S. Schrader** and E. Winter “Old Bones: Osteoporosis, Novel Insights into Pathogenesis and Treatment by Learning from the Dead” HAIG/Department of Internal Medicine, Leiden University Medical Center
- 2024 **S. Schrader** “Panel Discussion: The Past and Future of the NVFA” Nederlandse Vereniging voor Fysische Antropologie
- 2023 **S. Schrader** “The Osteological Paradox: Limitations and Possibilities” Nederlandse Vereniging voor Fysische Antropologie, 40th Anniversary Lustrum Symposium
- 2023 **S. Schrader** “The Answer to Inequality is in the Past” Leidse Stellingen Lecture, Rijksmuseum van Oudheden
- 2023 **S. Schrader** “Bioarchaeology of Activity and Everyday Life” Ain Shams University, Cairo, Egypt
- 2023 **S. Schrader** “Exploring Everyday Life and Inequality in Bronze Age Nubia: The Suburban Site of Abu Fatima (2,500-1,500 BCE)” Ancient Worlds Lecture Series, Faculty of Humanities, Leiden University
- 2023 **S. Schrader** and V. Tamorri “Post-Mortem Political Taphonomy: Mortuary Contexts and Human Skeletal Remains in Bronze Age Nubia” Silencing the Poor, The Netherlands Institute for the Near East Lecture Series
- 2022 **S. Schrader** (keynote) “Developing an Osteoarchaeology of Health Inequality” Stichting Barge’s Anthropologica
- 2022 **S. Schrader** (keynote) “Osteoarchaeological and Mortuary Evidence of Health Inequality” Developments in Mortuary Archaeology; University of Groningen
- 2021 **S. Schrader** “Skeletal Collections Curated by the Laboratory for Human Osteoarchaeology at Leiden University” Nederlandse Vereniging voor Fysische Antropologie
- 2019 **S. Schrader** “Stressed to Death: An Analysis of Hair Cortisol and Non-Specific Stress Indicators” podium presentation, British Association for Biological Anthropology and Osteoarchaeology

- 2019 **S. Schrader** (keynote) “Osteoarchaeology in the Nile Valley: What Bones Can Tell Us About Ancient Life” podium presentation, International Congress for Young Egyptologists
- 2019 **S. Schrader**. “Archaeological hair cortisol: A new frontier?” podium presentation, Nederlandse Vereniging voor Fysische Antropologie

SELECT CONFERENCE PRESENTATIONS (last five years; *student collaboration)

- 2024 **S. Schrader**, K. Brewster, R. Hall, M. Giera, and E. Sánchez-López “Recent Advances in LC-MS/MS Analysis of Ancient Hormones” podium presentation American Association of Biological Anthropology
- 2024 **S. Schrader**. “An Exploration of Early Life Stress, Socioeconomic Status, and Longevity in post-Medieval Netherlands” podium presentation Paleopathology Association
- 2024 B. Bartholdy, and **S. Schrader** “Patterns of Linear Enamel Hypoplasia and Missing Teeth: What Does it All Mean and Why Should We Care?” European Meeting of the Paleopathology Association, Leiden, The Netherlands
- 2024 J. Bentivogli,* V. Tamorri, and **S. Schrader** A comparison between social status and dorsal public pitting (DPP) presence in three Dutch post-medieval collections” European Meeting of the Paleopathology Association, Leiden, The Netherlands
- 2024 M. Casna,* A. Davies-Barrett, and **S. Schrader** “A Study Into the Impact of Tobacco Consumption on the Respiratory Health of Two Dutch Skeletal Populations (1600-1829 CE)” European Meeting of the Paleopathology Association, Leiden, The Netherlands
- 2024 M. Casna,* and **S. Schrader** “Investigating Sinusitis Prevalence Among Sexes in Three Socioeconomic Group sin the Post-Medieval Netherlands: A Sex-Stratified Analysis” European Archaeology Association Meeting, Rome, Italy
- 2024 A. Tadesse,* M. Buzon, and **S. Schrader** “Nibbling Through Nubia: An Exploration of Dental Health and Diet at Abu Fatima, Sudan (2500-1500 BCE)” European Meeting of the Paleopathology Association, Leiden, The Netherlands
- 2024 A. Tadesse,* and S. Schrader, “Culinary Colonialism: Exploring the Impact of Egyptian Colonialism on Nubian Populations through an Analysis of Diet” ARCHON Day (2nd place presentation prize)
- 2024 M. Jacobs,* **S. Schrader**, and D. Braeckmans, “Study of Cribra Orbitalia and Cribra Femora through Portable X-ray Fluorescence Spectrometry (pXRF)” European Meeting of the Paleopathology Association, Leiden, The Netherlands
- 2024 S. Villotte... **S. Schrader**, and the CONSENSUS Team, “CONSENSUS: “recording activity-related chaNgeS and hEalth iNdicatorS on the hUman Skeleton” European Meeting of the Paleopathology Association, Leiden, The Netherlands
- 2024 R. Hall and **S. Schrader** “Childhood Stress Explored through Micro-Enamel Hypoplasia in Two Post-Medieval Dutch Populations of Differing Socioeconomic Status” poster presented at American Association of Biological Anthropologists

- 2024 S. DeWitt, M. Buzon, and **S. Schrader** “Distribution and Pattern Analysis of Osteoarthritis in an Ancient Tombos Population” poster presented at American Association of Biological Anthropologists
- 2023 **S. Schrader**, P. Dibbets-Schneider, and E. Winter “Bone Quality on the Polder: DEXA Analysis of Bone Mineral Density in Post-Medieval Netherlands” poster presentation British Association of Biological Anthropology and Osteoarchaeology
- 2023 **S. Schrader** and S.T. Smith “Embodied Inequality in Ancient Nubia: A Bioarchaeological Examination of Long Bone Length” poster presentation at the American Society for Overseas Research
- 2023 M. Casna* and **S. Schrader** “The Urban Sea: Cribra Orbitalia, Porotic Hyperostosis, Linear Enamel Hypoplasia, and Sinusitis in Three Diachronic Urban Sites from the Dutch Province of Zeeland (1030-1800 CE)” poster presentation at British Association of Biological Anthropology and Osteoarchaeology
- 2023 Hall, R.* and **S. Schrader** “An Ancient Nubian Neoplasm? Possible Metastatic Carcinoma from 2500-2050 BCE, Sudan” poster presentation at British Association of Biological Anthropology and Osteoarchaeology
- 2023 C. Leder* and **S. Schrader** “Small but Mighty: Investigating the Role of the Fifth Finger During Habitual Gripping Activity in Three Post Medieval Dutch Populations (AD 1626-1866)” poster presentation British Association of Biological Anthropology and Osteoarchaeology
- 2023 M. van den Hoorn* and **S. Schrader** “Migration, Movement, and Violence: Differences in Interpersonal Trauma and Enteseal Changes Between Local and Nonlocal Individuals at Abu Fatima, Sudan” poster presentation at British Association of Biological Anthropology and Osteoarchaeology
- 2023 C. Cheverko, **S. Schrader** and M. Hubbe “Evidence of Emerging Inequality in the Middle Period San Pedro de Atacama Oases using Enteseal Patterns” poster presentation American Association of Biological Anthropology
- 2022 **S. Schrader** “Biomolecular Evidence for Stress and the Death Experience in Ancient Nubia” podium presentation American Association of Biological Anthropology
- 2022 M. Casna,* **S. Schrader** “The Polluted Countryside: A Bioarchaeological Investigation of Chronic Maxillary Sinusitis into Three Rural Communities from the Netherlands (475-1866 AD)” poster presentation British Association of Biological Anthropologists and Osteoarchaeologists
- 2022 M. Casna,* **S. Schrader** “Chronic Maxillary Sinusitis: A Comparison of Osteological and Radiological Methods of Diagnosis” poster presentation European Meeting of the Paleopathology Association
- 2022 R. Hall,* J. Olszewski*... and **S. Schrader** “A Combined Osteological, Isotopic, and Proteomics Approach to Poorly Preserved Remains from a Dutch East India Company Hospital Burial Ground” European Association of Archaeologists
- 2021 **S. Schrader** “The Embodiment of Colonial Strategy: Osteoarthritis in Ancient Nubia” poster presented, Paleopathology Association

- 2021 **S. Schrader** “Going Beyond Bone: Hair Cortisol and Stress in Archaeology” paper presented, Biomolecular Archaeology: New Frontiers and Future Directions Symposium
- 2021 M. Casna,* **S. Schrader** “Ephemeral Beings: Urban-Rural Differences in the Upper Respiratory Health of Three Post-Medieval Dutch Non-Adult Populations (1500-1850 CE)” Bioarchaeology of Urbanization Research Group Conference
- 2021 M. Casna,* **S. Schrader** “In One Ear and Out the Nose: Investigating Correlation Between Otitis Media and Chronic Maxillary Sinusitis in an Early Modern Population from the Netherlands (1500-1850 AD)” poster presented, Paleopathology Association
- 2021 M. Casna,* **S. Schrader**, et al. “A Bioarchaeological Study of Chronic Maxillary Sinusitis and Respiratory Health in Two Post-Medieval Populations from the Netherlands” poster presented, Paleopathology Association

CONFERENCE HOST (SELECTION)

- 2024 Paleopathology Association, European Meetings; Leiden August 21-24, 2024 (±300 guests)
- 2021 Adaptive Tools for Resilient Bones: Biostatistical Approaches to Past Physical Activity in Osteoarchaeology (November 18-19, 2021; Laboratory for Human Osteoarchaeology, Leiden University)

CONFERENCE SESSIONS ORGANIZED (SELECTION)

- 2023 Advancing a Bioarchaeology of Health Inequality: Recent Developments and Future Directions, European Archaeology Association (August 31, 2023; Belfast, Northern Ireland)
- 2022 Health Inequality through the Ages, Euroscience Open Forum (July 14, 2022; online)
- 2021 Biomolecular Archaeology: New Frontiers and Future Directions, ARCHON Research School of Archaeology Event (May 20, 2021; online)

PROFESSIONAL ACTIVITIES AND SERVICE

Student Thesis and Dissertation Mentorship

BA/MSc/RMSc +100 theses completed (titles and dates upon request)

Maia Casna. PhD Candidate. Laboratory for Human Osteoarchaeology, Leiden University; in progress. (Dutch Research Council, NWO, PhD in the Humanities)

Rachael Hall. PhD Candidate. Laboratory for Human Osteoarchaeology, Leiden University; in progress. (Dutch Research Council, NWO, VIDI funded)

Mélie Louys. PhD Candidate. Laboratory for Human Osteoarchaeology, Leiden University; in progress. (Gerda Henkel PhD Scholarship)

Cora Leder. PhD Candidate. Laboratory for Human Osteoarchaeology, Leiden University; in progress.

Alex Tutwiler. PhD Candidate. Laboratory for Human Osteoarchaeology, Leiden University; in progress.

Eleftheria Orfanou. PhD Candidate. Max Plank Institute; in progress
Alyson McCoskey. PhD Candidate. University of California, Los Angeles, USA; in progress.
Alyson Caine. PhD Candidate. University of California, Merced, USA; in progress
Erin Bornemann. PhD. University of California, Santa Barbara, USA; 2019 complete
Veronica Tamarri. Post-Doctoral Researcher (Marie-Sklodowska-Curie Actions, Horizon EU
Post-Doctoral Fellowship). Laboratory for Human Osteoarchaeology, Leiden University;
2025 complete.

University Service (selection)

Diversity and Inclusion Committee Chair, Faculty of Archaeology Leiden University
(2024-current)
University Knowledge Security Committee (Kennisveiligheid), Leiden University (2025-current)
African Studies Centre Steering Committee, Leiden University (2022-current)
The Young Academy Leiden (elected position), Dutch Academy of Sciences (2019-2024)
Chair of Admissions Committee, Faculty of Archaeology, Leiden University (2018-2022)
BA1 Mentor, Faculty of Archaeology, Leiden University (2018-2019)

Professional Service (selection)

Nederlandse Vereniging voor Fysische Antropologie Ethics Committee
American Association of Biological Anthropology Program Committee
Paleopathology Association Scientific Committee
International Journal of Osteoarchaeology Guest Editor
American Association of Physical Anthropologists Pollitzer Travel Prize Reviewer
National Science Foundation, Grant Reviewer
Fonds National Suisse Reviewer
Polish Centre of Mediterranean Archaeology Reviewer

Reviewer (selection)

Nature
Current Anthropology
American Journal of Biological Anthropology
Journal of Archaeological Science
Yearbook of Physical Anthropology
International Journal of Osteoarchaeology
International Journal of Paleopathology
International Journal of Bioarchaeology
Radiocarbon
Bioarchaeology International
Quaternary International
Cambridge Archaeological Journal
Cambridge University Press
Springer
Forbes

Professional Affiliations (selection)

American Association of Biological Anthropologists

American Sudanese Archaeological Research Center
Paleopathology Association
British Association for Biological Anthropology and Osteoarchaeology
Nederlandse Vereniging voor Fysische Antropologie
Society for Africanist Archaeologists

Outreach (selection)

[De Prikkelpandemie: Hebben we meer stress dan vroeger?](#) (The Stress Pandemic: Do we have more stress than before?), NPO Radio; Podcast Interview

[Tot op het Bot](#) (Down to the Bone), Leiden BioScience Park; Outreach Day

[Skeletten: Wat Kunnen we van ze Leren?](#) (Skeletons: What can we learn from them?) NTR Atlas (NPO2); TV Interview

[The Answer to Inequality is in the Past](#), Stellingen Lecture Series; Rijksmuseum van Oudheden and Faculty of Archaeology, Leiden University; Online Public Presentation

[Fall of Inequality, Seasons of Interdisciplinary Lecture Series](#), Young Academy Leiden; Online Public Presentation

[Dag van de Doden](#) (Day of the Dead), Leiden City of Science; Public Presentation

[Je Botten...voor de Eeuwigheid?](#) (Your Bones....for eternity?) Leiden City of Science; Public Presentation

[In Sickness and in Health: New Approaches to Studying Past Disease and Stress in the Archaeological Record](#) Studium Generale; Public Lecture

[Vondst 3000 Jaar Oud Paard met Lijkwade toont Unieke Band Tussen Mens en Dier](#) (Discovery of 3,000-year-old Horse with Shroud Shows Unique Bond Between Humans and Animals) de Volkskrant; Newspaper article