

SARAH A. LACY

Curriculum Vitae

Department of Anthropology
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INTERESTS

- Supporting interdisciplinary research on human health, especially at the intersection of the social and natural/medical sciences
- Improving STEM thinking and lab and field methods in anthropological human biology education
- Exploring governmental and policy implications of social science research

ACADEMIC APPOINTMENTS

California State University Dominguez Hills Department of Anthropology

2022-present Interim Director of the Office of Undergraduate Research

2021-present Associate Professor of Biological Anthropology (*Awarded Early Tenure and Promotion*)

2017-2021 Assistant Professor of Biological Anthropology

Durham University Department of Archaeology

2015-2018 Honorary Research Fellow

2014 Visiting Postdoctoral Research Associate

University of Missouri-St. Louis Department of Anthropology and Archaeology

2014-2017 Assistant Professor of Biological Anthropology

2015-2017 Affiliate faculty of Gender Studies Program

Washington University in St Louis Department of Anthropology

2011,2013 Adjunct Instructor

2008-2014 Graduate Student and Research Assistant

EDUCATION

PhD Biological Anthropology, Washington University, St. Louis, MO Defended Feb 3rd **2014**

Title: Oral health and its implications in Late Pleistocene Western Eurasian humans

Committee Chair: Dr. Erik Trinkaus (Washington University)

AM Biological Anthropology, Washington University, St. Louis, MO **2010**

BS Anthropology *cum laude*, Tulane University, New Orleans, LA **2008**

Minors: Economics, German Language & Literature

PUBLICATIONS

- Accepted* Trinkaus E, **Lacy SA**. Neandertal Paleopathology. In: Cowgill L, Maddux S, eds. Neandertal Skeletal Anatomy. Cambridge University Press (volume is under contract)
- 2021 Trinkaus E, **Lacy SA**, Thibeault A, Villotte S. Disentangling Cro-Magnon: The Dental and Alveolar Remains. *Journal of Archaeological Science: Reports* 37: 102911. DOI: 10.1016/j.jasrep.2021.102911
- 2021 **Lacy SA**. Evidence of Dental Agenesis in the Late Pleistocene. *International Journal of Paleopathology* 32: 103-110. DOI: 10.1016/j.ijpp.2021.01.001
- 2021 Ocobock C, **Lacy SA**, Niclou A. Between a Rock and a Cold Place: Neanderthal Biocultural Cold Adaptations. *Evolutionary Anthropology*. 1-18. DOI: 10.1002/evan.21894
- 2020 Willman J, **Lacy SA**. Dental modification as a long-term biocultural trend in the Epipaleolithic of southwest Asia? Revisiting Ohalo II H2. *International Journal of Paleopathology* 30: 68-76. DOI: 10.1016/j.ijpp.2020.04.001
- 2018 **Lacy SA**, S Bailey, S Benazzi C Delage. Newly recognized human dental remains at Les Fadets (Lussac-les-Châteaux, Vienne, France). *Bulletins et Mémoires de la Société d'Anthropologie de Paris*. DOI 10.3166/bmsap-2018-0007
- 2017 **Lacy SA**, Rome A. Re-politicizing the anthropologist in the Age of Neoliberalism and #BlackLivesMatter. *Transforming Anthropology* 25: 171-184. DOI: 10.1111/traa.12115
- 2017 **Lacy SA**, VA Lombardi, J Zapata. The Oral Paleopathology. In: The People of Palomas: Neandertals from the Sima de las Palomas, Cabezo Gordo, Southeastern Spain. E Trinkaus & MJ Walker (eds), Texas A&M University Press (*Invited peer-review chapter contribution*)
- 2016 Trinkaus E, **Lacy SA**, Willman J. Human Burials and Biology at Dolní Věstonice II. In: J.A. Svoboda (ed.) Dolni Vestonice II: Chronostratigraphy, Paleoethnology, Paleoanthropology. Dolni Vestonice Studies 21. (*Invited chapter contribution*)
- 2016 Delage C, Alamichel F, Gaussein P, **Lacy SA**, Langley M, Mathé V, Pérault C. Le Gisement Magdalénien de la Piscine (Montmorillon, Vienne): Etudes et Travaux 2006-2011. *SERPE Bulletin* 65:47-75.
- 2015 **Lacy SA**. Dental metrics, morphology and oral paleopathology of Oberkassel 1 & 2. In: Oberkassel 1914-2014: 100 years of research on the Late Glacial burial. L Giemsch & RW Schmitz (eds), Rheinisches Landesmuseum-Bonn (*Invited chapter contribution*)
- 2014 **Lacy SA**. Case Study: The oral pathological conditions in the Broken Hill (Kabwe) Cranium. *International Journal of Paleopathology* 7:57-63. DOI: 10.1016/j.ijpp.2014.06.005
- 2013 **Lacy SA**, Trinkaus E. The foramina transversaria of the Sunghir 2 and 3 cervical vertebrae. *Archaeology, Ethnology and Anthropology of Eurasia* 41:126-131. DOI: 10.1016/j.aeae.2014.03.016

- 2012** Lacy SA, Wu XJ, Jin CZ, Qin DG, Cai YJ, Trinkaus E. 2012. Dentoalveolar Paleopathology of the early modern humans from Zhirendong, South China. *International Journal of Paleopathology* 2:10-18. DOI: 10.1016/j.ijpp.2012.06.003

Popular Publications

- 2014** Trinkaus E, Lacy SA. The people of Oberkassel. In: *Eiszeitjäger: Leben im Paradies*. Berichte Rheinisches Landesmuseum-Bonn. p. 153-157 (in English and German)

Media Reviews

- 2021** Lacy SA. "Explorations: An open invitation to biological anthropology. Edited by: Beth Shook, Katie Nelson, Kelsie Aguilera, and Lara Braff. New York: American Anthropological Association. 2019" *American Journal of Physical Anthropology* 1-2. DOI: 10.1002/ajpa.24346

Media Coverage of Research

- 2021** "Between a Rock and a Cold Place: Neanderthal Biocultural Cold Adaptations" Coverage: "Neanderthals Were the Human Species Best Adapted to Cold. Here's Why" Posted on Real Clear Science and Science Times
<https://www.realeclearscience.com/blog/2021/04/19/neanderthals-were-the-human-species-best-adapted-to-cold-heres-why-772814.html>
<https://www.sciencetimes.com/articles/30755/20210420/neanderthals-best-adjusted-cold-researchers-tell-why.htm>

AWARDS

- 2018** CREDITS (Center for research, excellence, and diversity in team science) leadership retreat, chosen from competitive application, CSUDH
2017 Kate Chopin Defiance Award, faculty nomination, Gender Studies Program, UMSL
2015 Honorary Golden Key member, student nomination, UMSL
2014 International Studies and Programs Faculty Fellow, UMSL, academic year 2014-2015
2014 Earnest A Hooten Award for Best Student Poster, Amer Assoc Physical Anthropologists
2013 Pollitzer Travel Essay Award, American Association of Physical Anthropologists
2013 2nd Place Poster Presentation in Social Sciences, Wash U Graduate Research Symposium
2011 Pollitzer Travel Essay Award, American Association of Physical Anthropologists
2009 Pollitzer Travel Essay Award, American Association of Physical Anthropologists
2008 Elizabeth S. Watts Award for Outstanding Achievement in Physical Anthropology, Tulane University

GRANTS

Received

External

- 2015** LVR-LandesMuseum Bonn, Germany, non-competitive funding to cover my attendance at invited conference, 1200€
2014 The University of Durham, UK, Visiting Scholar Seedcorn Funding, £3330

- with Profs. Charlotte Roberts and Paul Pettitt
- 2011** The Leakey Foundation “Oral Health in Late Pleistocene Western Eurasian Humans” \$12,000
- 2010** National Geographic Waitt Grant “Transitional Homo Project: Loiyangalani Summer 2011” \$9,995

Internal

- 2021** Norris Foundation and CSUDH College of Natural and Behavioral Sciences grant, Summer research funds to North Macedonia, \$4,990
- 2020** CSUDH Office of Graduate Studies and Research: Faculty Research, Scholarly and Creative Activities grant, Neanderthal Crossroads Project, \$6055 (3 WTUs of time)
- 2019** CSUDH Office of Graduate Studies and Research: Faculty Research, Scholarly and Creative Activities grant, Coughing Cavemen grant, \$5,907 (3 WTUs of time)
- 2019** CSUDH, Foundation Award, \$500 (to AAPA meetings in Cleveland, OH)
- 2018** CSUDH, Foundation Award, \$500 (to AAPA meetings in Austin, TX)
- 2017** UMSL, Dean’s College of Arts and Sciences Travel Grant, \$500 plus \$500 matching from dept. (to AAPA meetings in New Orleans)
- 2016** UMSL, Dean’s College of Arts and Sciences Travel Grant, \$500 plus \$500 matching from dept. (to AAPA meetings in Atlanta)
- 2015** UMSL, Senate Committee for Research Travel Grant, \$1000 (to SAA 2015 meetings)
- 2015** UMSL, International Studies and Programs Travel Grant, \$2000 (to Durham for research)
- 2014** UMSL, Dean’s College of Arts and Sciences Travel Grant, \$500 plus \$500 matching from dept. (to BABAO meetings in Durham, UK)
- 2012** Washington University, Dissertation Summer Funding for "Oral Health in Late Pleistocene Western Eurasian Humans" \$4,300
- 2010** Washington University, Pilot Study Funding for “Oral Health of the Indian Knoll collection” \$2,200
- 2009** Washington University, Field Funding- Excavation at Vogelherd, Germany under Prof. Nicholas Conard, Universität Tübingen, \$2,500

Submitted (Last 5 years)

- 2020** Leakey Foundation “Coughing Cavemen: Investigating respiratory disease as an evolutionary cost of fire” \$24,494 with Dr. Scott Maddux (University of North Texas School of Osteopathic Medicine). Submitted Jan 10, Unfunded
- 2019** Anthropological Institute of America-National Endowment for the Humanities “The Neanderthal Crossroads Project: Uzun Mera” \$33,947, submitted Dec 1, Unfunded
- 2019** Wenner-Gren Foundation “Coughing Cavemen: Investigating respiratory disease as an evolutionary cost of fire” \$20,000 with Dr. Scott Maddux (University of North Texas School of Osteopathic Medicine). Submitted Nov 1, Unfunded
- 2019** Fellowship to RAND graduate school Faculty Leaders Program, unsuccessful
- 2016** Natural Environmental Resources Council UK, “Muddle in the Middle: Using diet and dental disease to understand profound changes in human behaviour in Late Pleistocene-Early Holocene Europe” £670,000 With Profs. Charlotte Roberts (PI) and Paul Pettitt (Co-I). Unfunded

Supervised Successful Student External Grant Applications

- 2021** National Science Foundation Graduate Research Fellowship Program (NSF GRFP): Yesenia Rubi Land in Lacy and Ken Seligson's Labs, CSUDH "Diachronic Study of Water Management Storage Strategies in Small-scale Maya Communities" 3 years of graduate fellowship at the University of Texas-Austin
- 2021** National Science Foundation Graduate Research Fellowship Program (NSF GRFP): Bobbie Benavidez in Chris Kuzawa's lab, Northwestern University "Developmental Origins of Metabolic Health" 3 years of fellowship at Northwestern University
- 2020** National Science Foundation Graduate Research Fellowship Program (NSF GRFP): Sahara Vilchis "How do the taxa in the gut of indigenous children represent environmental exposures?" 3 years of fellowship at the University of Illinois-Urbana-Champaign

CONFERENCES

Organized

- 2021** CSU Council of Archaeologists Inaugural Annual Research Symposium, Co-Head of Conference Planning Committee with Dr. Ken Seligson, CSUDH, and Supported by CSU Chancellor's Office of Research, Dr. Leslie Ponciano. April 23rd, 2021.

Presentations

- 2022** American Association of Biological Anthropologists "(Wo)man the hunter: The Archaeological Evidence Ignored" with Cara Ocobock. Accepted for March Meetings
- 2022** American Association of Biological Anthropologists "(Wo)man the hunter: The Physiological Evidence Ignored" with Cara Ocobock. Accepted for March Meetings
- 2021** CSU Council of Archaeologists "Possibilities in Remote Archaeology: Alternative Methods During a Global Pandemic" with Leslie Gomez (student). Online conference poster presentation on April 23rd, 2021
- 2020** Music and Entertainment Industry Educators Association "Music entrepreneurship and access to social and cultural capital: your network is your net worth" with Dr. Hal Weary and Jennifer Brodmann. Recorded podium presentation on Oct 1st, 2020 for online conference, moved online for CoVID-19 reasons
- 2020** American Association of Physical Anthropologists "Sweet tooth: Southwest Asian humans, diet and caries in the Middle and Upper Paleolithic" in Invited Poster Symposium "Human evolution in Asia: Zooming in and zooming out" Scheduled for April, moved online for CoVID-19 reasons
- 2020** American Association of Physical Anthropologists "Pre-Natufian Epipaleolithic evidence for dental ablation in southwest Asia? Revisiting Ohalo II H2" Invited Poster with John C. Willman in Symposium "Human evolution in Asia: Zooming in and zooming out" Scheduled for April, moved online for CoVID-19 reasons

- 2019** American Association of Physical Anthropologists- “Neandertal oral health: new techniques and future directions” in Invited Poster Symposium: *From Pedestrian to Cerebral in the Pleistocene: A Symposium in Honor of Erik Trinkaus* on March 29th, Cleveland, Ohio
- 2018** European Paleopathology Association- “Prevalence of hypercementosis in Middle and Upper Paleolithic Humans” Podium Presentation on Aug 31st, Zagreb, Croatia
- 2018** European Paleopathology Association- “Human Skeletal Remains for Sale: A reassessment of ethical practices in the United States” Poster Presentation with Bobbie Benavidez on Aug 30th, Zagreb, Croatia
- 2018** American Association of Physical Anthropologists- “Defining good health in the Paleolithic: Oral disease and a very distant patient” in Invited Poster Symposium: *Reevaluating the meaning of ‘oral health’ in bioarchaeology* on April 13th, Austin, Texas
- 2017** Stressed Out Conference (Institute of Archaeology of University College London)- “Stressed out in the Stone Age: Periodontal disease and dental enamel hypoplasia in the Paleolithic” Podium Presentation on May 19th, London, England
- 2017** American Association of Physical Anthropologists- “Evidence for subsistence shifts in the Late Upper Paleolithic of Europe: Caries and antemortem tooth loss” in Invited Poster Symposium: *The Paleobiology of Upper Paleolithic / Later Stone Age Humans* on April 21st, New Orleans, Louisiana
- 2016** Midwest Bioarchaeology and Forensic Anthropology Association- “(Necro)Politics in the Bioarchaeology Lab” Podium presentation on Oct 22nd, Chicago, Illinois
- 2016** American Association of Physical Anthropologists- “Revisiting the Caries Hypothesis as a mechanism of tooth size selection” With James Calcagano in Invited Poster Symposium: *Old Questions, New Approaches and New Solutions: Celebrating the 30th Anniversary of the Dental Anthropology Association* on April 14th, Atlanta, Georgia
- 2015** Invited podium presenter at “100 years of the Bonn-Oberkassel double burial: New research on the Federmesser-Gruppen/Azilian” symposium, “The Dental Metrics, Morphology and Oral Paleopathology of Oberkassel 1 and 2”. October 23, Bonn, Germany
- 2015** Paleopathology Association- “Testing for correlation amongst two periodontal disease diagnostic protocols” poster presentation on March 25th, St. Louis, Missouri
- 2015** American Association of Physical Anthropologists- “Necropolitics and Bioarchaeology: Enduring Legacies and Ethical Responsibilities” Podium presentation with Heidi Shaw and Pamela Geller on March 28th, St. Louis, Missouri
- 2015** American Association of Physical Anthropologists- “Can oral pathology avoidance explain human dental size reduction?” Poster presentation on March 27th, St. Louis, Missouri
- 2015** Society for American Archaeology- “Using oral health indicators as evidence of

environmental instability and subsistence shifts in the Late Upper Paleolithic of Western Eurasia” Podium Presentation on April 16th, San Francisco, California

- 2014** British Association of Biological Anthropology and Osteoarchaeology- “Health and Old Age in the Late Pleistocene: Changes in oral pathological condition prevalence over time in older Neandertal and modern human adults in Europe” Podium presentation on Sept 14th, Durham, England
- 2014** American Association of Physical Anthropologist Meetings- “Periodontal disease and health in Western Eurasian Late Pleistocene humans” Poster presentation. Published Abstract: American Journal of Physical Anthropology S58:163. Calgary, Alberta, Canada
- 2014** Paleopathology Association Meetings- “Dental caries in Neandertals and early modern humans in Western Eurasia”. Poster presentation. Published Abstract in 2014 Meetings Program: 34-35. Calgary, Alberta, Canada
- 2013** American Association of Physical Anthropologist Meetings- “Caries and other oral pathology in the Broken Hill (Kabwe) cranium”. Poster presentation Published abstract: American Journal of Physical Anthropology S56:175-176. Knoxville, Tennessee
- 2013** Washington University Graduate Research Symposium- “Periodontal disease and oral health in the Late Pleistocene of Eurasia” Poster presentation. St. Louis, Missouri
- 2011** Paleoanthropology Meetings- Poster “Dento-Alveolar Abnormalities of the Early Modern Humans from Zhirendong, South China” Poster presentation with X. Wu, S. Xing, W. Liu, and E. Trinkaus. Published abstract: PaleoAnthropology 2011: A22. Minneapolis, Minnesota
- 2010** Paleoanthropology Meetings- Poster “Mosaic Morphology in the Mandible and Maxilla from Loiyangalani, Southeastern Shore of Lake Turkana, Northern Kenya” with S. Muteti and E. Trinkaus. Poster presentation Published abstract: PaleoAnthropology 2010: A22-23. St. Louis, Missouri

Invited Talks

- 2021** Invited talk for CSUDH Queer Resource Center “Intersex 101” May 4th
- 2020** Invited talk to Fraternity Gamma Zeta Alpha “Careers in Anthropology” Nov 10th
- 2019** Invited lecture for Department of Anthropology, Santa Monica College “How bad was a caveman’s breath?” Oct 15
- 2019** Invited lecture for Department of Anatomy and Physiology, University of North Texas School of Osteopathic Medicine “How bad was a caveman’s breath (and respiratory health)?” Aug 12
- 2019** Invited lecture for College of Extended and International Education and visiting scholars from China “Active Learning is Student Centered Learning” July 23
- 2019** Invited lecture for MARC students, CSU San Bernardino “How bad was a caveman’s breath?” May 22
- 2018** Invited lecture series for the Department of Biology, CSUDH “How bad was Neandertal breath?: Health, hygiene and diet in our Paleolithic ancestors” Nov 29th

- 2018** Invited lecture “How bad was a Caveman’s breath?” for Anthropology Club at Long Beach City College, Oct 25th
- 2018** Invited lecture “How bad was a Caveman’s breath?” for Anthropology Club at Cerritos College, March 20th
- 2017** Invited research lecture: “How bad was a Caveman’s breath?” for the Department of Anthropology, California State University Dominguez Hills, Feb 21st
- 2016** Invited Colloquium speaker: “How bad was a Neandertal’s breath?” for the Department of Biology, University of Missouri-St. Louis, Nov 8th
- 2016** Invited paid speaker for Washington University Medical School first year orientation, entitled: “Racial Bias and Medicine: Discrimination produces poor health, but how?” Aug 8^t
- 2015** University of York, Department of Archaeology- “How bad is a Neandertal’s breath?: Oral health in the Late Pleistocene” June 12th
- 2014** Durham University, Department of Archaeology- “Oral Health and its implications in Late Pleistocene Western Eurasian Humans” March
- 2013** Saint Louis University, Department of Anthropology and Sociology- “Oral Health in Late Pleistocene humans” November
- 2013** Loyola Chicago University, Department of Anthropology- “Ignorance of Tooth Picks- Oral Health in the Late Pleistocene of Western Eurasia” April

COLLABORATORS

Current

Scott Maddux (University of North Texas School of Osteopathic Medicine, USA); John Willman (Institut Català de Paleoecologia Humana i Evolució Social (IPHES), Spain); Darko Stojanovski (Goce Delčev University of Štip, North Macedonia); Aleta Guadelli (New Bulgarian University); Ivan Vasilev (Balkan Heritage Foundation); Christophe Delage (Muséum National d'Histoire Naturelle, France)

Past

Erik Trinkaus (Washington University *emeritus*, USA); Shara Bailey (New York University, USA); Stefano Benazzi (Universita di Bologna, Italy); Charlotte Roberts (Durham University, UK); Paul Pettitt (Durham University, UK); James Calcagno (Loyola University Chicago, USA); Pamela Geller (Universty of Miami, USA); Samuel Muteti (National Museums of Kenya); Xiujie Wu (Institute of Vertebrate Paleontology and Paleoanthropology, Chinese Academy of Sciences)

RESEARCH

Papers in Active Preparation

In prep Lacy SA. The Prevalence of Antemortem tooth loss in the Late Pleistocene of Western Eurasia. To be submitted to the American Journal of Physical Anthropology

Lab Work

2018 Digitizing and landmark mapping of NHMLA skulls, CSUDH

- 2015 Collaboration trip with grant co-authors, Durham University, UK, June
- 2014 Mesolithic oral health pilot work, Durham University, UK, Spring Semester
- 2012 Dissertation collection at 35 universities and museums in Europe, Israel, and the US
- 2012 Research assistant for Dr. Trinkaus and visiting Dr. Xiujiu Liu, Washington University
- 2011 National Museums of Kenya, Data collection on Loiyangalani & Baringo fossils, Nairobi
- 2010 Pilot study on Indian Knoll specimen, University of Kentucky, Lexington
- 2009 Data collection on Indian Knoll vertebrae, University of Kentucky, Lexington
- 2009 Research Assistant for Dr. Trinkaus, Washington University
- 2008 Curation of Cast Collection for Dr. Trinkaus, Washington University

Field Work

- 2022 (scheduled) co-PI with Darko Stojanovski and Aleta Guadelli, The Neanderthal Crossroads Field School, collaboration with Balkan Heritage Foundation, New Bulgarian University and Goce Delčev University of Stip (North Macedonia), Uzun Mera, North Macedonia (postponed from 2020)
- 2021 Preliminary two-week field survey with Darko Stojanovski, Uzun Mera and surrounding region, North Macedonia
- 2017 Participant, Texas State University Human Remains Recovery Field Course, San Marcos, Texas
- 2011 Supervised & organized, Loiyangalani field test season, National Museums of Kenya, Loiyangalani, Kenya
- 2009 Participant, Vogelherd summer season excavation, Universität Tübingen, Germany

Consultation

- 2020 Bone assessment for RECON Environmental Inc.
- 2020 Human Frontiers Project with Luca Mazzarella and Jessica Brinkworth
- 2018-19 Assessment of ancestry affinity of skulls in curation at Natural History Museum of Los Angeles County. They have since been lent to me for further research (see above).

Research Trainings/Workshops

- 2020 CSU Chancellor's Office of Research Grant Resubmission Workshop, Nov 6
- 2018 CREDITS (Center for research, excellence, and diversity in team science) Team Science between CSU and UC leadership retreat, Sept 28-30
- 2017 Dental Anthropology Association workshop "Crown and Root Morphology," April 19
- 2017 UMSL "Building Vibrant Partnerships: Community & University Engagement Summit" on connecting academic research to communities of interest and the non-profit sector, Feb 3rd

TEACHING EXPERIENCE

Instructor

- 2021 *California State University Dominguez Hills, Department of Anthropology*
Anthropology of Sex and Reproduction, 495

- 2020 Prehistory of Africa and Eurasia, 350
- 2018,20 Human Variation 355
- 2018,19,20 Forensic Anthropology 353
- 2017,19,21 Human Osteology 352
- 2017-21 Biological Anthropology 354
- 2017-21 Introduction to Biological Anthropology 101

California State University Dominguez Hills, College of Extended and International Education

- 2019 Prehistory of Africa and Eurasia, Two-week Study Abroad in Bulgaria Course

California State University Dominguez Hills, CA STEM Institute for Innovation and Improvement

- 2020,21 Transfer to Success Bridge Program Week-Long Course “Social Science Research Methods”

Los Angeles Academy of Figurative Art

- 2019 Introduction to Biological Anthropology, summer quarter

University of Missouri-St. Louis

- 2016 Evolutionary Medicine
- 2015 Field Methods in Biological Anthropology
- 2015 Anthropology of Pregnancy and Birth
- 2015-17 Human Variation
- 2015,17 Forensic Anthropology
- 2015,17 Science Literacy, team taught interdisciplinary course
- 2014-16 Introduction to Biological Anthropology 1005

Washington University

- 2011,13 Introduction to Human Evolution

Senior Thesis/McNair Supervisor

- 2021 Spring: Leslie Gomez: “Geochemical paleolithic stone tool sourcing in North Macedonia”
McNair Scholars Program
- 2020 Spring: Yesenia Rubi Landa “LiDAR identification of water storage in Central Mexico”
McNair Scholars Program
- 2019 Spring: Sahara Vilchis “Arrival and Subsistence in Coastal Versus Continental North America”
McNair Scholars program
- 2017 Jamie Crabtree “Elderly public transit access in St. Louis” Senior Thesis
- 2016 Ben Hibbett “Racial disparities in infant mortality in St. Louis” Senior Thesis
- 2016 John Claggett “Sacral Abnormalities in 19th Century St. Louisans” Senior Thesis
- 2015 Jacqueline Meyncke Risch “The Exotic Animal Trade in Missouri: Legality, Costs and Consequences” Senior Thesis

Lab Supervisor

- 2019 Fall: Amanda Sanchez, Tiana Scott, Jessica Morales, STAR STEM education graduate students
- 2019 Spring: Yesenia (Rubi) Landa, Anthropology; Giselle Adams, Anthropology

- 2018 Fall: Daniel Lopez, Anthropology; Eric Zamora, Anthropology
- 2018 Spring: Shannon Webb, Community Health; Bobbie Benavidez, Anthropology
- 2016 Fall: Adnan Syed, Master's of Biology Student; Salim Mistrih, Biology
- 2016 Spring: Sarah Budai, Master's of Museum Studies
- 2016 Summer: Two high school students from the Jennings High School Internship, Jeniah Taylor and Charles Manning
- 2015 Fall and Summer: Rachel Indelicato, Anthropology

Independent Studies Supervised

- 2021 Spring: William Evans
- 2020 Fall: Leslie Gomez
- 2019 Spring: Yesenia Landa, Alexis Capistran, Sahara Vilchis, Lilibeth Tome
- 2018 Spring: Andres Dominguez, Monica Acevedo Guerrero; Fall: Danny Lopez, Eric Zamora
- 2017 Spring: Nikole Meyers
- 2015 Spring: Paul Poposky

Teaching Assistantships

- 2010-13 Teaching Assistantship: Washington University, Department of Anthropology: Human Variation (twice), Principles of Human Anatomy & Embryology, Anthropology of Human Birth, Tobacco: History, Culture, Science and Policy
- 2011 Teaching Assistantship: Washington University School of Medicine, Department of Anatomy and Neuroscience: Human Anatomy

Workshops Facilitated

- 2021 "How to apply to graduate school" for the National Geographic undergraduate researchers cohort
- 2021 "How to get a good letter of recommendation" for the Office of Undergraduate Research
- 2021 "How to apply to the NSF GRFP" for the Office of Undergraduate Research
- 2021 "Academic Writing 101" for the Anthropology Department
- 2020 "How to apply to graduate school" for the Anthropology Department

Guest Course Lectures

California State University Dominguez Hills

- 2018 "The Upper Paleolithic Transition" in AVID senior's class, Murrieta Valley High School, Mrs. Amanda Debert, May 24th and Oct 11th
- 2017 "Necropolitics in the Bioarchaeology lab: Ethics and Advocacy" in Applied Anthropology, Prof. Sarah Taylor & Sarah Cote

University of Missouri-St. Louis

- 2017 "Racism and medicine" in Anthropology of the Body, Prof. Susan Brownell
- 2016 "Birth across the world" in Anthropology of the Body, Prof. Susan Brownell
- 2016-17 "How bad was a Neandertal's breath?" in Medicine in History and Culture, Prof. Susan

- 2015 Brownell and in Professionalism and Practice, Assoc. Prof. Patti Wright, Chair
 2015 “Human Evolution” in Introduction to Evolution, Prof. Patricia Parker

Washington University

- 2015 “Human Variation and Racism” in Evolution of the Human Face, Instructor J Joganic
 2013 “Human Evolution: An Overview” in Darwinian Medicine, Asst. Professor EA Quinn
 2013 “Plio-Pleistocene Archaeology” in Introduction to Archaeology, Instructor C Cagnato
 2013 “Heritability” in Human Variation, Professor E Trinkaus
 2010 “Secular Trends in Human Variation” in Human Variation, Professor E Trinkaus

Educational Outreach and Media Exposure

- 2021 Anthropology expert for “History by the Numbers” Smithsonian Channel Series, 20 episodes, airing date pending
 2021 Human Skeleton expert for “The UnXplained with William Shatner” History Channel, 1 episode, airing date pending
 2020 Archaeology expert for “Experts React” video game youtube series with Gamology;
 Far Cry Primal: <https://www.youtube.com/watch?v=V-uqrnLrif8&t=139s>
 Nations at War: <https://www.youtube.com/watch?v=XcnreI9sVCg>
 Assassin’s Creed: Valhalla: https://www.youtube.com/watch?v=HULvO_iiAS8
 2020 Expert interviewee on Anthropology major job prospects for Zippia.com: The Career Expert
<https://www.zippia.com/anthropologist-jobs/trends/>
 2019 Guest on Human Biology Association’s podcast “Sausage of Science” entitled “Reaching Out and Digging In with Sarah Lacy aired July 22 <https://www.humbio.org/sos-45-reaching-out-and-digging-in-with-sarah-lacy/>
 2018 Featured specialist on NBC special Tag Team “Are Museum Bones Real?” episode aired June 22nd <https://www.nbclosangeles.com/multimedia/Are-Museum-Bones-On-Display-Real-Or-Replica-485975661.html>
 2018 Guest on A Partial Perspective vlog “Sarah Lacy on Paleoanthropology, Teaching, and Science Outreach” <https://www.youtube.com/watch?v=wPp3vMbbBTM>
 2017-20 Maintained science outreach Instagram account, Hot Hominin of the days, @Hothominins, describing human evolution topics <https://news.csudh.edu/sarah-lacy/>
 2017 Expert interviewed by Tim Henderson of St. Louis Post-Dispatch on demographic trends in millennial reproduction “Women in their 30s are having babies at highest rate since the 1960s”: https://www.stltoday.com/news/local/govt-and-politics/women-in-their-s-are-having-babies-at-highest-rate/article_4dcba62-db51-572d-a8ff-3a300052261a.html published March 27
 2014 Expert interviewed by Traci Watson of National Geographic for comments on new scholarly Article “Ancient People Achieved Remarkably Clean Teeth With Noxious Weed?”: <http://news.nationalgeographic.com/news/2014/07/140716-sudan-sedge-toothbrush-teeth-archaeology-science/> published July 18

Pedagogical Training Received

- 2020 Equity and Inclusion with online learning, summer participant, CSUDH
 2020 Sustainability Faculty Learning Circle Participant, CSUDH

- 2019** HIPsToRo learning circle participant (year long program to experiment with new High Impact Teaching Practices)
- 2019** UCLA's Center for Education Innovation and Learning in the Sciences Summer Institute on Scientific Teaching (week long workshop on High Impact STEM teaching practices)
- 2018-21** Affordable Learning Solution Initiative participant: using only free reading materials in my Classes, CSUDH
- 2017** Active Learning Classroom training fellow, CSUDH

Future Teaching Interests

Bioarchaeology, Human Evolution, Dental Anthropology, Paleoanthropology, Evolution of the Human Diet, Evolution of Human Birth & Sexuality, Human Anatomy, Middle & Late Pleistocene Archaeology

SERVICE

To the Profession

- 2020-21** National Geographic STEM Field Assistant Program Advisory Committee
- 2020-21** American Association of Physical Anthropology Pollitzer Travel Award grant reviewer
- 2018-21** Member of the Biological Anthropology Women's Mentoring Network Steering Committee
- 2020** Reviewer for PLOS One
- 2020** Textbook reviewer for Oxford Press
- 2020** Reviewer for South African Journal of Science
- 2015-20** Reviewer for American Journal of Physical Anthropology
- 2019** Reviewer for Journal of Human Evolution
- 2019** Reviewer for Sage Publishing book proposals
- 2018** Member of Nominations and Elections Committee of Association of Dental Anthropologists
- 2017** Panelist for Physical Anthropology Women's Mentoring Network luncheon at AAPA entitled "How to Advocate for Women in Science", April 20th
- 2017** Reviewer for Neandertal Skeletal Anatomy textbook, Cambridge University Press, editors Libby Cowgill & Scott Maddux
- 2016** Reviewer for Journal of Archaeological Science
- 2015** Reviewer for 'Care in the Past' edited volume, editor Dr Rebecca Gowland
- 2014-15** Local Arrangements Committee member, American Association of Physical Anthropologists Meetings, St Louis 2015
- 2014-15** Local attaché for Vice President of Paleopathology Association Dr. Marie Danforth for 2015 meetings
- 2015** Panelist at AAPA Committee for Diversity panel 'Beyond Ferguson', March 28

To the System and University

California State University Dominguez Hills

- 2021** Co-President of Labor and Solidarity to Faculty Union, CFA
- 2021** Elected faculty representative to Student Success Committee, CSUDH
- 2021** Elected Women's Committee Chair, CFA Union, CSUDH branch

- 2021 CFA Representative to Faculty Policy Committee
- 2021 Organizing Faculty Retention focus groups with Institution Research Department
- 2020 Transfer to Success Major Advisor, CA STEM Institute for Innovation and Improvement
- 2020 Elected Search Committee member, search for Dean of Students, Academic Affairs
- 2019 CSU system International Programs campus representative
- 2019 Electronic Student Journal of Anthropology faculty supervisor
- 2018-19 Elected Search committee member, search for Associate Dean of the College of Natural and Behavioral Sciences
- 2018 Committee member CSUDH Division of Academic Affairs Diversifying our faculty
- 2018-21 Judge for Student Research Day, every year
- 2017-18 Adelante! Action for Health Equity in the Latinx Community conference planning committee, chair: Pamela Krochalk
- 2017 Active Learning Classroom fellow training, Aug 8th
- 2017 Day at Dominguez faculty speaker, Oct 14th

University of Missouri-St. Louis

- 2016-17 At-large representative for College of Arts and Science to Faculty Senate
- 2016-17 Member of U Missouri system-wide Diversity, Equity and Inclusion Taskforce
- 2016 Wrote editorial for student newspaper, the Current, September 5th issue
- 2016 Faculty member DJ for The U, UMSL student radio
- 2016 Ota Benga documentary film post-screening panel discussant and organizing committee
- 2015 Wrote editorial for student newspaper, The Current, November 16th issue
- 2015 Multicultural Student Services student mentor
- 2015 Reviewer for UM system research board grant proposals
- 2015 Undergraduate Research Symposium judge
- 2015 Organized and moderated invited speaker panel *Beyond Reform: the limits of legislating equality for Black and LGBTQ liberation* with speakers Dr Dean Spade, Dr Barbara Graham and Eljeer Hawkins, August 7th
- 2015 Organized invited speaker on Ötzi the Iceman, Dr. Albert Zink, March 30
- 2014-16 Science Literacy Committee member
- 2014 NAGPRA representative

To the Department

California State University Dominguez Hills

- 2017-21 Anthropology student club co-mentor with Dr. Sarah Taylor, then Dr. Ken Seligson
- 2019-20 Departmental Rep to Faculty Union, CFA
- 2019 Developed department's professional and ethical field guidelines with Dr. Ken Seligson
- 2018-19 Search committee member, search for Assistant Professor, Dept of Anthropology
- 2017 Departmental tabling at Freshmen convocation, Aug 25th

University of Missouri-St. Louis

- 2014-17 *Lambda Alpha* Faculty representative
- 2014-17 Anthropology Student Association Faculty Advisor

- 2015-17 Developed “Global Health and Social Medicine” minor with Prof Susan Brownell
- 2015-17 Curriculum committee member, Department of Anthropology and Archaeology
- 2015-16 Departmental Representative to UMSL Day, three semesters
- 2014 Retention and Recruitment Committee Head, Dept. of Anthropology, Sociology & Languages

Washington University in St. Louis

- 2013 Graduate Student Liaison to Archaeology and Bioanthropology Job Search Committees
- 2013 Founded dissertation writing support group for the Dept. of Anthropology
- 2012 Physical Anthropology subfield representative to Graduate Departmental Committee
- 2010 Panelist representing Anthropology at Washington University Junior Jumpstart Program
- 2009 Departmental Peer Mentor, Dept. of Anthropology

To the Community

- 2021 Elected Region 5 representative to United Neighborhoods Neighborhood Council (UNNC) (election executed by the Los Angeles Office of the City Clerk)
- 2021 UNNC representative to South LA Alliance of Neighborhood Councils (SLAANC)
- 2019 Campus tour guide to Murrieta Valley High School visiting seniors
- 2018 Guest professor giving a talk to a girls’ science summer camp “Shared Science Tech Week” through the Salvation Army, July 16th
- 2018 Guest professor leading a discussion on the history of racial categories remotely via the app, Flipgrid, AVID seniors, Murrieta Valley High School
- 2016 Opening speaker for Green Party Presidential Candidate, Dr. Jill Stein, Cherokee Arts Center Sept. 10
- 2016 Moderator for “What is TIF and Tax Abatement?” Community Educational Workshop, Schlafly Library, March 16
- 2015 Testified in front of St. Louis City Board of Aldermen on Infant Mortality Rates in the region, Dec 2
- 2015 Public speaker for Girl Scouts of Eastern Missouri, CSI summer camp
- 2015 “Ferguson comes to York: #BlackLivesMatter Solidary” speaker at the University of York, UK, June 22
- 2015 Public forum moderator for MLK Jr Legacy speaker, Eljeer Hawkins, St Louis, Jan. 20
- 2015 Panel moderator for Malcolm X panel discussion with ACLU, St Louis, MO, Feb. 21
- 2012 Guest Lecturer at Pattonville High School on “Careers Opportunities in Anthropology”

PROFESSIONAL AFFILIATIONS

American Association of Physical Anthropologists
 Paleoanthropology Society
 Paleopathology Association
 Dental Anthropology Association
 Society for American Archaeology
 Lambda Alpha- National Honor Society for Anthropology
 British Association for Biological Anthropology and Osteoarchaeology

LANGUAGES

English (Native) German (Con conversationally Fluent) French (Basic Translation)