

Christine Alvarez Jones

Associate Professor of Anthropology
Curriculum Vitae

Department of Social Sciences
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EDUCATION

- 2013 Ph.D. in Anthropology, Texas A&M University, College Station, TX
Dissertation: "*Hunter-Gatherers of the Central Gulf Coastal Plain and the Lower Pecos Region of Texas: Interpreting Patterns of Health and Variability*"
- 2005 M.A. in Anthropology, Texas State University, San Marcos, TX
Thesis: "*Bioarchaeological Investigation of the Stiver Ranch Burial Sinkhole (41KM140)*"
- 2003 B.A. in Anthropology, University of Miami, Coral Gables, FL
Undergraduate Honor's Thesis: "*Analysis of Human Skeletal Material at Little Salt Spring, FL*"

PROFESSIONAL APPOINTMENTS

- 2021–Present Associate Professor of Anthropology, Dept. of Social Sciences, Texas A&M University—Central Texas, Killeen, TX
- 2015–2021 Assistant Professor of Anthropology, Dept. of Social Sciences, Texas A&M University—Central Texas, Killeen, TX
- 2014-2015 Visiting Assistant Professor of Anthropology, Dept. of Social Sciences, Texas A&M University—Central Texas, Killeen, TX

PUBLICATIONS

Peer-Reviewed

- 2022 Bracewell, T. and **C.A. Jones**. 2022. The use of simulated crime scenes in teaching undergraduate forensic sciences: Implementing an active learning approach to forensics. *Science & Justice*. In press, available online 18 August 2022
<https://doi.org/10.1016/j.scijus.2022.08.003>
- 2022 **Jones, C.A.** and T. Bracewell. 2022. Scanning electron microscopy (SEM) and macroscopic analysis of immature human permanent molar immersion in hydrochloric acid (HCl, 38%). *Journal of Forensic and Legal Medicine*. 90:102385.
<https://doi.org/10.1016/j.jflm.2022.102385>

- 2020 **Jones, C.A.** and E.A. Church. 2020. Photogrammetry is for Everyone: Structure-from-Motion Software User Experiences in Archaeology. *Journal of Archaeological Science Reports*. 30: 102261. <https://doi.org/10.1016/j.jasrep.2020.102261>
- 2020 **Jones, C. A.**, Bracewell, T., Torabi, A., Beck, C., and Harvey, T.B. 2020. The effect of hydrochloric acid (HCl) on permanent molars: A scanning electron microscope (SEM) and energy dispersive X-ray spectroscopy (EDS) study. *Medicine, Science and the Law*. 60 (3):172-181. <https://doi.org/10.1177/0025802420905981>
- 2019 **Jones, C. A.** 2019. Brucellosis in an adult female from Fate Bell Rock Shelter, Lower Pecos, Texas (4000–1300 BP). *International Journal of Paleopathology*. 24:252-264. <https://doi.org/10.1016/j.ijpp.2019.01.005>
- 2009 **Jones, C.A.** 2009. Stable Isotope Analysis of Diet of the Mexican War Dead from the Battle of Resaca de la Palma. *Bulletin of the Texas Archaeological Society*. 80:133-144.
- 2005 **Alvarez, C.** 2005. Stable Carbon Isotopes from the Stiver Ranch Burial Sinkhole (41KM140). *Bulletin of the Texas Archaeological Society*. 76:165-171

Encyclopedia Entries

- 2018 Jones, C.A. 2018. Estimating Skeletal Sex: Metrics. Encyclopedia entry in the *SAS Encyclopedia of Archaeological Sciences*, Lopez-Varela, S. (ed.), Wiley- Blackwell. <https://doi.org/10.1002/9781119188230.saseas0226>

Other Publications

- 2010 Jones, C.A. 2010. Analysis of Human Skeletal Remains from Site 41BX1628. In *Archaeological Data Recovery on Three Sites along the San Antonio River, Bexar County, Texas*, by Antonio E. Padilla and David L. Nickels, pp.513-534. Ecological Communications Corporation, Austin, TX.

Manuscripts under review

- 2022 The use of simulated crime scenes in teaching undergraduate forensic sciences: overcoming challenges to implementation. *Science and Justice* (under review)

GRANTS AND FELLOWSHIPS

- 2022 High Impact Practices Grant awarded for Anthropology Student Intern to assist in curation of Priddy Cabin Field school artifacts. QEP Implementation team, Texas A&M Univ. Central Texas
US\$2,000
- 2019 High Impact Practices Grant awarded for ANTH 4389: Special Topics Field School. QEP

- Implementation team, Texas A&M Univ. Central Texas
US\$2,000
- 2019 College of Arts & Sciences Research Grant, Texas A&M Univ. Central Texas. Second TAMUCT Archaeological field school, Priddy Log Cabin, Maxdale, TX.
US\$2,900
- 2018 University Library Grant, STEAM Pop-up Programming Curriculum, Texas A&M Univ. Central Texas.
US\$250
- 2016 College of Arts & Sciences Research Grant, Texas A&M Univ. Central Texas. Archaeological Excavation of historic Fort Gates Cemetery,
US\$2,000
- 2015 College of Arts & Sciences Research Grant, Texas A&M Univ. Central Texas. Magnetometer survey of historic Fort Gates Cemetery,
US\$5,000
- 2015 Public Outreach Grant, Council of Texas Archeologists. Central Texas Archeology Fair, joint event for TAMUCT and Fort Hood
US\$500
- 2006 Texas A&M University, Doctoral Diversity Excellence Fellowship, 3-year stipend with 25 to 50% assistanceship
US\$ 20,000
- 2005 Research Grant, Southern Texas Archaeological Association. AMS Radiocarbon dating at Stiver Ranch Burial Sinkhole (41km140)
US\$ 1,500
- 2004 Student Research Grant, Council of Texas Archaeologists. Stable Isotope testing at Stiver Ranch Burial Sinkhole (41km140)
US\$ 500

INVITED TALKS

- 2005 "Stiver's Ranch Burial Sinkhole" Presented at the Southern Texas Archaeological Association, June meeting, San Antonio, TX
- 2005 "Stiver's Ranch Burial Sinkhole" Presented at Council of Texas Archeologists, April Meeting, Camp Mabry, TX
- 2005 "Stiver's Ranch Burial Sinkhole" Presented at Hill Country Archaeological Association

March Meeting, Kerrville, TX

2005 “Stiver’s Ranch Burial Sinkhole” Presented at Llano Uplift Archaeological Society March Meeting, Kingsland, TX

2004 “Stiver’s Ranch Burial Sinkhole” Presented at University College Cork, Ireland

TEACHING INTERESTS

Human Osteology, Biological Anthropology, Bioarchaeology, Paleopathology, Forensic anthropology, Prehistoric archaeology of North American hunter-gatherers

COURSES TAUGHT

Texas A&M University—Central Texas (2013-Present)

Undergraduate

Ancient Civilizations of Mesoamerica	Directed Study (Historical archaeology)
Archaeology	Disease through History
Archaeological Discoveries	Forensic Anthropology
Archaeology Field School	Human Osteology
Archaeology of Warfare and Violence	Myth and Ritual
Bioarchaeology	Race and Ethnic Relations
Biological Anthropology	Religion in Ancient Scotland (study abroad)
Cultural Anthropology	Social Sciences Proseminar
Cultural Sensitivity	Wicca and Neo-Paganism

Graduate

Archaeology Field School
Archaeology of Warfare and Violence
Forensic Anthropology
Religion in Ancient Scotland (study abroad)
Wicca and Neo-Paganism

Texas A&M University, College Station, TX (2007-2013)

Bioarchaeology (lecturer)
Human Osteology (lecturer)
Peoples and Cultures: Intro. Cultural Anthropology (graduate instructor)

Courses Taught at Texas State University—San Marcos (2003-2006)

Introduction to Physical Anthropology (face-to-face lecture, adjunct lecturer)
Introduction to Physical Anthropology (lab section, graduate lab instructor)

San Antonio College (2006)

Introduction to Physical Anthropology (adjunct instructor)

CURRICULUM DEVELOPMENT

Courses Created at Texas A&M University Central Texas (Year created)

Anthropology of Food (2020)	Disease through History (2014)
Cultural Sensitivity (2018)	Ancient Civilizations of Mesoamerica (2013)
Cultural Sensitivity (2017)	Archaeology (2013)
Religion in Ancient Scotland (2017)—Study Abroad	Bioarchaeology (2013)
Wicca and Neo-Paganism (2017)	Biological Anthropology (2013)
Archaeological Discoveries (2016)	Cultural Anthropology (2013)
Archaeology Field School (2016)	Forensic Anthropology (2013)
Archaeology of Warfare & Violence (2016)	Human Osteology (2013)
Forensic Anthropology (2016)—Graduate	

OTHER TEACHING AND FIELDWORK EXPERIENCE

2014-2013	Adjunct Faculty, Dept. of Social Sciences, Texas A&M University—Central Texas, Killeen, TX
2013	Lecturer, Dept. of Anthropology, Texas A&M University, College Station, TX
2009-2007	Graduate Instructor, Dept. of Anthropology, Texas A&M University, College Station, TX
2006	Adjunct Lecturer, Dept. of Anthropology, Texas State University, San Marcos, TX
2006	Adjunct Instructor, Dept. of Sociology, San Antonio C. College, San Antonio, TX
2005	Adjunct Lecturer, Department of Anthropology, Texas State University, San Marcos, TX
2005-2003	Graduate Lab Instructor, Department of Anthropology, Texas State University, San Marcos, TX
2005	Field Technician/Field Osteologist, Archaeological and Historical Conservancy, Miami, FL
2005-2003	Lab Assistant, Human Skeletal Identification Lab, Texas State University, Marcos, TX, Dr. David Glassman, Program Director
2004-2003	Field Instructor, Death Scene Investigation Training Program, Huntsville, TX & Galveston, TX
2004-2003	Forensic Recovery Assistant, Rose Hill Cemetery, Corpus Christi, TX
2004	Crew Member, Center for Archaeological Studies, San Marcos, TX
2003	Crew Member, Audubon House Historical Site, Key West, FL
2003	Crew Member, University of Miami Archaeological Field School, Little Salt Springs, (8so18), Northport, FL

MENTORING OF STUDENT WORK

2018	Faculty mentor, Pamela Hanson, Texas A&M University Central Texas. Project title: "Healing pathways: Exploring the Bioarchaeology of Care in the Lower Pecos"
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- 2018 Faculty mentor, Diana Townsend, Texas A&M University Central Texas. Library Grant Project title: "Communication Across Time-Symbols & Rock Art" pop-up lesson for K-12 students.
- 2017 Faculty mentor, William Bradley, Middle College Student Summer Research Program, Texas Bioscience Institute, Temple College, Texas. Project title: "Smartphone Photogrammetry: Creating a Quick and Easy Recording Method for Forensic Crime Scenes"
- 2017 Outside committee member, Mary Maybury, Criminal Justice M.A. Thesis committee, Texas A&M University Central Texas, *passed*
- 2017 Faculty mentor, Hannah Dysinger, John Scharf, Karleigh Scheuster, and Victoria Ward, Texas A&M University Central Texas. Fort Gates Cemetery Archaeological Project: Excavation.
- 2016 Faculty mentor, William Bradley, Middle College Student Summer Research Program, Texas Bioscience Institute, Temple College, Texas. Project title: "Pioneering the Process to Creating the Ultimate Petroglyph Record Using Photogrammetry"
- 2016 Faculty advisor, Anthony Schienschang, Texas A&M University Central Texas. Directed Study Project title: "Not my Brother's Keeper: Forgotten Soldiers of the Texas Frontier"
- 2016 Faculty advisor, Victoria Ward, Texas A&M University Central Texas. Directed Study Project title: "Digitizing Disconnect: Digitization of Archival photos at the Bell County Museum"
- 2015 Faculty mentor, Anthony Schienschang and Victoria Ward, Texas A&M University Central Texas. Fort Gates Cemetery Archaeological project: Remote sensing.
- 2015 Outside committee member, James Planck, Criminal Justice M.A. Thesis committee, Texas A&M University Central Texas, *passed*
- 2014 Outside committee member, Robert Taylor, Criminal Justice M.A. Thesis committee, Texas A&M University Central Texas

CONFERENCE PRESENTATIONS

National

- 2022 Jones, C.A. and Bracewell, T. 2022. The effects of treatment methods on human teeth dissolved in HCl: Indications for forensic anthropological studies on acid disposal. Poster

presented at the annual American Association of Biological Anthropologists meeting, Denver, CO.

- 2020 **Jones, C.A.** and Bracewell, T. 2020. Macroscopic analysis and scanning electron microscopy (SEM) of immature permanent molars immersed in hydrochloric acid (HCL, 38%). Poster presented at the annual American Academy of Forensic Sciences meeting, Anaheim, CA.
- 2019 **Jones, C.A.** and Church, E. 2019. Archaeology in 3D: Exploring Differences in Photogrammetric Models Created with Popular Structure-from-Motion (SfM) Archaeological Software from both Drone and Terrestrial Photography. Poster presented at the 84th Annual meeting of the Society for American Archaeology, Albuquerque, NM.
- 2018 Bradley, W. and **Jones, C.A.** 2018. Smartphone Photogrammetry: Creating a Quick and Easy Recording Method for Forensic Crime Scenes. Poster presented at the 87th Annual meeting of the American Association of Physical Anthropologists, Austin, TX.
- 2009 **Jones, C.A.** 2009. Linear Enamel Hypoplasia Among Coastal and Inland Hunter-Gatherers in Archaic Texas. Poster presented at the 36th Annual North American Meeting of the Paleopathology Association, Chicago, IL
- 2006 **Jones, C.A.** 2006. Analysis of the Human Skeletal Remains from the Fate Bell Shelter (41VV74). Poster presented at the 75th Annual Meeting of the American Association of Physical Anthropologists, Anchorage, AK.
- 2005 **Alvarez, C.** 2005 Sinkhole Burial Sites in Central Texas: A Comparison of Pathological Conditions. Poster Presented at the 74th Annual Meeting of the American Association of Physical Anthropologists, Milwaukee, WI.
- 2004 **Alvarez, C.** 2004. Health at Little Salt Spring: Frequency of Dental Pathologies at a Middle Archaic Site in Florida. Poster Presented at the 73rd Annual Meeting of the American Association of Physical Anthropologists, Tampa, FL.

Regional

- 2020 Bracewell, T. and **Jones, C.A.** 2020. The effects of HCL on human dentition: Implications for future research. Poster presented at the annual conference of the Southwestern Association of Criminal Justice, Houston, TX.
- 2018 **Jones, C.A.** and Jones, R.S. 2018. Excavation at the O.T. Tyler House, Coryell County, Texas: 2017 Texas A&M University Central Texas Field School. Paper presented at the 89th Annual Meeting of the Texas Archeological Society, San Antonio, TX.

- 2018 Hanson, P. and **Jones, C.A.** 2018. Healing pathways: Exploring the Bioarchaeology of Care in the Lower Pecos. Poster presented at the 89th Annual Meeting of the Texas Archeological Society, San Antonio, TX.
- 2014 **Jones, C.A.** and Jones, R.S. 2014. Preliminary Investigation of Fort Gates Cemetery. Paper presented at the Central Texas Military History Symposium, Texas A&M University Central Texas, Killeen, TX.
- 2013 Berry, F., Bracewell, T., & **Jones, C.** 2013. Constructing a model for detecting narco-tunnels in Texas. Paper presented at the annual conference of the Southwestern Association of Criminal Justice, San Antonio, TX.
- 2007 **Jones, C.A.** 2007. Stable Isotope Analysis of Diet of the Mexican War Dead from the Battle of Resaca de la Palma. Paper presented at the 78th Annual Meeting of the Texas Archaeological Society, San Antonio, TX.
- 2005 **Alvarez, C.** 2005. Bioarchaeological Investigation of Human Skeletal Remains at the Stiver Ranch Burial Sinkhole (41KM140). Paper presented at the 75th annual meeting of the Texas Archaeological Society, College Station, TX.
- 2003 **Alvarez, C.** 2003. Analysis of Human Skeletal Material at Little Salt Spring, Florida. Paper presented at the 67th annual meeting of the Florida Academy of Sciences, Orlando, FL.

SERVICE PRESENTATIONS

- 2016 Faculty research presentation titled "Skeleton Stories: Life and Work as a Bioarchaeologist." Texas A&M University Central Texas
- 2016 Brown Bag Lecture titled "The Lost & Forgotten: Historical Archaeology in Central Texas." Texas A&M University Central Texas
- 2015 Brown Bag Lecture titled "Digging up the Past: Archaeology in Central Texas." Texas A&M University Central Texas

AWARDS AND HONORS

- 2020 Faculty Senate Summit Scholarship Award, Texas A&M Univ. Central Texas
- 2019 Nominee, Ignite Award for Faculty, Student Leadership and Service Awards, Texas A&M Univ. Central Texas
- 2016 Nominee, Ignite Award for Faculty, Student Leadership and Service Awards Texas A&M Univ. Central Texas

- 2005 College of Liberal Arts Award Academic Excellence in Anthropology, Texas State University–San Marcos
- 2003 Graduate Scholarship, Texas State University –San Marcos
- 2000 Henry King Stanford Scholarship, University of Miami

PROFESSIONAL DEVELOPMENT

- 2020-2016 Writing Accountability Group for Junior Faculty (WAG Jr.)
- 2018 Faculty Center for Teaching & Learning Magna Online Webinar *What are Microaggressions and What Can I Do About Them?*
- 2017 Faculty Canvas Training
- 2016 Moving Blackboard to Canvas training

SERVICE

University (Texas A&M University Central Texas)

- Fall 2019-Present Member, QEP Implementation team
- Spring 2019 Member, Honors Program Task Force
- Spring 2019 Chair, Blue End-of-Course Evaluation Questions Committee (Ad Hoc Faculty Senate Committee)
- Fall 2017-Spring 2019 Member, Undergraduate Council
- Fall 2015-Fall 2017 Senator, Faculty Senate
- April 2017 Meeting of the Graduate Council, proxy for Dr. Floyd Berry
- October 2014 Meeting of the Graduate Council, proxy for Dr. Floyd Berry

College of Arts & Sciences (Texas A&M University Central Texas)

- Fall 2018 College Advisor Search Committee
- Spring/Summer 2015 Administrative Assistant Search Committee

Department of Social Sciences (Texas A&M University Central Texas)

- Fall 2019 Central Texas College Fair
- Fall 2019 Warrior Preview Day
- Fall 2017 Warrior Preview Day
- Spring 2017 Warrior Preview Day
- Fall 2014-Summer 2015 Criminal Justice Professor Search Committee
- Fall 2014 -Spring 2015 Sociology Professor Search Committee
- Fall 2014 Criminal Justice Assistant Professor Search Committee
- Fall 2014 “Archaeology Day” student recruitment event

Discipline (Public Outreach)

Fall semesters 2015-2019 Archaeology Fair Annual Public Outreach Event

Professional Memberships

Paleopathology Association

American Association of Biological Anthropologists

Southwestern Criminal Justice Association

Texas Archaeological Society