# CURRICULUM VITAE JONATHAN DOMBROSKY

Crow Canyon Archaeological Center 23390 Road K Cortez, CO 81321

<u>idombrosky@crowcanyon.org</u> <u>jonathandombrosky.com</u>

# **EDUCATION**

Degrees

2021 Ph.D. in Anthropology, University of New Mexico (with distinction)

Dissertation: Effects of Environmental Change on Ancestral Pueblo Fishing in the Middle

Rio Grande

Advisor: Dr. Emily Lena Jones

2015 M.S. in Applied Geography concentrating in Environmental Archaeology, University of

North Texas

Thesis: The Descriptive Paleontology and Applied Ichthyoarchaeology of the Ponsipa Fauna

Advisor: Dr. Steve Wolverton

2013 B.A. in Anthropology with honors (Magna Cum Laude), University of North Texas

Thesis: Student Perception of Feral Cats and Their Effects on Campus Wildlife

Advisor: Dr. Steve Wolverton

#### PROFESSIONAL APPOINTMENTS

2024-Pres. Environmental Archaeologist, Crow Canyon Archaeological Center, Cortez, CO.

2021–Pres. Adjunct Assistant Professor of Archaeology (appointed by Letter of Academic Title),

Department of Anthropology, University of New Mexico, Albuquerque.

2021–2023 Postdoctoral Scholar in Fauna Analyses, Crow Canyon Archaeological Center, Cortez, CO.

#### RESEARCH FOCI

Environmental Archaeology, Zooarchaeology, North American Prehistory, Human Ecology, Stable Isotope Ecology, 3D Geometric Morphometrics, Historical Ecology, Conservation Biology, Archaeometry, and Data Science

# **PUBLICATIONS**

(\*student collaborator)

**Books** 

Wolverton, S., and J. Dombrosky

2023 Becoming a Researcher: Making the Transition to Graduate School, Revised Edition,

Society of Ethnobiology, Tacoma, WA. ISBN: 979-8988418108.

#### Articles in Refereed Journals

Dombrosky, J., M. LaZar, C. Hyland, and S. D. Newsome

In prep Individuals from Isotopes: Can Stable Isotopes Distinguish the Skeletal Remains of

Different Cooper's Hawks (Accipiter cooperii)? For submission to Journal of Archaeological

Method and Theory. ISSN: 1573-7764.

Wolverton, S., J. Dombrosky, C. G. Armstrong, and S. C. Ryan,

In press Archaeofaunal Remains, Geography, and the Investigation of Cultural Keystone Places.

Ethnobiology Letters.

Gil, A., C. Otaola, **J. Dombrosky**, M. Luna, G. Quiroga, A. Dauverné, S. Wolverton, R. Pereyra Lobos, and

G. Neme

2024

Dietary Change of North Patagonian Guanacos: A Historical Ecology Perspective through the Study of Stable Isotopes. *The Holocene*. DOI: 10.1177/09596836241231454.

Dombrosky, J., C. S. Ainsworth, A. A. Judkins, J. V. Meyer, M. A. Adler, and E. L. Jones

2023 Reconsidering Archaeological Garden Hunting: A View from the Northern U.S. Southwest.

Journal of Archaeological Science: Reports. 51:104194. DOI:

10.1016/j.jasrep.2023.104194.

Dombrosky, J., T. F. Turner, \*A. Harris, and E. L. Jones

2022 Body Size from Unconventional Specimens: A 3D Geometric Morphometrics Approach to

Fishes from Ancestral Pueblo Contexts. *Journal of Archaeological Science*. 142. DOI:

10.1016/j.jas.2022.105600 (selected for editor's spotlight)

Dombrosky, J., A. C. Besser, E. Elliott Smith, C. Conrad, L. P. Barceló, and S. D. Newsome

2020 Resource Risk and Stability in the Zooarchaeological Record: The Case of Pueblo Fishing in

the Middle Rio Grande, New Mexico. Archaeological and Anthropological Sciences 12:248.

DOI: 10.1007/s12520-020-01193-0.

Dombrosky, J.

2020 A ~1000-Year <sup>13</sup>C Suess Correction Model for the Study of Past Ecosystems. *The Holocene* 

30:474-478. DOI: 10.1177/0959683619887416.

Barker, A., J. Dombrosky, B. Venables, and S. Wolverton

2018 Taphonomy and Negative Results: An Integrated Approach to Ceramic-Bound Protein

Residue Analysis. Journal of Archaeological Science 94:32–43. DOI:

10.1016/j.jas.2018.03.004.

Jones, E. L., J. Dombrosky, C. S. Ainsworth

2018 Special Guest Co-editor, KIVA (ISSN 0023-1940), New Directions in Southwestern

Zooarchaeology. KIVA 84:46-50. DOI: 10.1080/00231940.2017.1420614.

Wolverton, S., J. Dombrosky, and R. Lee Lyman

2016 Practical Significance: Ordinal Scale Data and Effect Size in Zooarchaeology. *International* 

Journal of Osteoarchaeology 26:255–265. DOI: <u>10.1002/oa.2416</u>.

#### Dombrosky, J., S. Wolverton, and L. Nagaoka

2016 Archaeological Data Suggest Broader Early Historic Distribution for Blue Sucker (*Cycleptus elongatus*, Actinopterygii, Catostomidae) in New Mexico. *Hydrobiologia* 771:255–263. DOI: 10.1007/s10750-015-2639-9.

## Barker, A., J. Dombrosky, D. Chaput, B. Venables, S. Wolverton, and S. Stevens

Validation of a Non-Targeted LC-MS Approach for Identifying Ancient Proteins: Method Development on Bone to Improve Artifact Residue Analysis. *Ethnobiology Letters* 6:162–174. DOI: 10.14237/ebl.6.1.2015.294.

#### **Dombrosky, J**. and S. Wolverton

TNR and Conservation on a University Campus: A Political Ecological Perspective. *PeerJ* 2:e312. DOI: 10.7717/peerj.312.

#### Chapters in Edited Volumes

### Wolverton, S., A. Barker, and J. Dombrosky

2016 Paleoethnobiology. In *Introduction to Ethnobiology*, edited by U. P. Albuquerque and R. R. Nóbrega Alves, pp. 25–32. Springer, New York, NY. DOI: 10.1007/978-3-319-28155-1 5.

#### Wolverton, S., J. Dombrosky, and A. Barker

2014 Paleoetnobiologia. In *Introdução à Etnobiologia*, edited by U. P. Albuquerque. NUPEEA, Recife, Brazil.

#### Reports

# Dombrosky, J., \*C. Betts

Year Three of Archaeofaunal Analysis at the Haynie Site (5MT1905). In *Excavation and Additional Studies at The Haynie Site (5MT1905) by Crow Canyon Archaeological Center Annual Progress Report 2024*, edited by R. D. Satterwhite, S. C. Ryan, S. Copeland, K. Hughes, J. Merewether, and R. Sinensky, pp. 70–104. Crow Canyon Archaeological Center, Cortez, CO. Available here.

## Dombrosky, J., \*A. Feldstein

Year Two of Archaeofaunal Analysis at the Haynie Site (5MT1905). In Excavation and Additional Studies at The Haynie Site (5MT1905) by Crow Canyon Archaeological Center Annual Progress Report 2023, edited by R. D. Satterwhite, S. C. Ryan, K. Throgmorton, S. Copeland, K. Hughes, J. Merewether, and R. Sinensky, pp. 70–104. Crow Canyon Archaeological Center, Cortez, CO. Available <a href="https://example.com/here-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-mail-new-

#### Dombrosky, J., \*E. Gilmore

Year One of Archaeofaunal Analysis at the Haynie Site (5MT1905). In *Excavation and Additional Studies at The Haynie Site (5MT1905) by the Crow Canyon Archaeological Center Annual Report 2022*, edited by K. Throgmorton, S. C. Ryan, J. Dombrosky, B. Bellorado, S. Copeland, K. Hughes, and J. Merewether, pp. 45-88. Crow Canyon Archaeological Center, Cortez, CO. Available <a href="https://example.com/here-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-editation-left-state-edi

#### Dombrosky, J., A. Gillreath-Brown, L. Ellyson, S. Wolverton

Faunal Remains. In *Goodman Point Community Testing*, edited by K. Kuckelman. Crow Canyon Archaeological Center, Cortez, CO. Report on file with Crow Canyon Archaeological Center, Cortez, CO.

#### Barker, A., J. Dombrosky, A. Eddins, B. Venables, and S. Wolverton

2014 Residue Analyses of Artifacts from the Dillard Site, Southwestern Colorado. Report on file with Crow Canyon Archaeological Center, Cortez, CO.

## **Popular Articles**

B. A. Bellorado, J. Merewether, L. Stephens Reed, K. L. Schleher, D. Glowacki, M. Turner, J. Dombrosky.

2025 Reconnecting the Ancestral Pueblo World Through Pottery Design. In *Continuity and Connections: The Living Landscape of Mesa Verde* a special issue for *Archaeology Southwest Magazine*, edited by Donna M. Glowacki.

#### Taylor, W., C. Ward, E. L. Jones, J. Dombrosky, and John Wendt

Do Moose "Belong" in Colorado? *Sapiens: Anthropology Magazine*. https://www.sapiens.org/archaeology/moose-colorado-invasive-species-archaeology/.

## \*LaZar, M., and J. Dombrosky

Exploring Raptor Exchange in the U.S. Southwest and Mexican Northwest. In *Birds in the Southwest* a special issue for *Archaeology Southwest Magazine*, edited by Katelyn J. Bishop and Christopher W. Schwartz. Available <a href="here">here</a>.

#### **Book Reviews**

2022 Review of *Birds of the Sun: Macaws and People in the U.S. Southwest and Mexican Northwest* edited by Christopher W. Schwartz, Stephen Plog, and Patricia A. Gilman. *Journal of Anthropological Research*. DOI: 10.1086/721969

2017 Review of *Zooarchaeology and Field Ecology: A Photographic Atlas* by Jack M. Broughton and Shawn D. Miller. *Journal of California and Great Basin Anthropology* 37(1):105–106. Available here.

2016 Review of *Applied Zooarchaeology: Five Case Studies* by Steve Wolverton, Lisa Nagaoka, and Torben C. Rick. *Ethnobiology Letters* 7(1):104–105. DOI: 10.14237/ebl.7.2.2016.832.

Review of *Rivers, Fish, and the People: Tradition, Science, and Historical Ecology of Fisheries in the American West* edited by Pei-Lin Yu. *Ethnobiology Letters* 7(1):38–41. DOI: 10.14237/ebl.7.1.2016.641.

2014 Review of *Winds from the North: Tewa Origins and Historical Anthropology* by Scott G. Ortman. *Ethnobiology Letters* 5:132–134. DOI: 10.14237/ebl.5.2014.278.

#### **RESEARCH FUNDING & FELLOWSHIPS**

2021	Raptor Research Foundation, Wings to Fly Travel Grant, \$750 UNM, Moore Travel Grant, \$215
2020	UNM, Hibben Doctoral Research Fellowship, \$16,000 National Science Foundation, Doctoral Dissertation Improvement Award, \$30,298 (BCS 2005346)
2019	UNM, GPSA Student Research Grant, \$500 UNM, Department of Anthropology, Moore Travel Grant, \$500
2018	UNM, GPSA New Mexico Research Grant (High Priority), \$5,000 UNM, Center for Regional Studies Graduate Research Fellowship, \$9,000 Friends of Coronado Historic Site Scholarship, \$1,500

2017 UNM, Moore Student Research Grant, \$1,000

2016 UNM, GPSA New Mexico Research Grant (General Priority), \$3,000

UNM, GPSA Professional Development Grant, \$500

2015 UNM, GPSA Student Research Grant, \$500

UNM, Lewis R. Binford Graduate Fellowship, \$31,000 UNT, Toulouse Graduate School Travel Grant, \$600 UNT, College of Arts and Sciences Travel Grant, \$400

2014 UNT, Thesis/Dissertation Fellowship, \$26,000

2013 UNT, *Tuition Grant*, \$1,000

2012 UNT, Undergraduate Research Fellowship, \$3,000

## **TEACHING APPOINTMENTS**

Instructor

Spring 2021 ANTH 2175: World Archaeology, Online Course, Department of Anthropology,

University of New Mexico

Fall 2019 ANTH 1211: Introduction to Archaeological Method and Theory, In-Person

Lecture Course, Department of Anthropology, University of New Mexico

Teaching/Graduate Assistantships

Fall 2020 Graduate Assistant, ANTH 2175: World Archaeology, Online Course,

Department of Anthropology, University of New Mexico.

Spring 2020 Graduate Assistant, ANTH 484/584: Zooarchaeology, In-Person Lecture Course,

Department of Anthropology, University of New Mexico.

Fall 2015/Spring 2016 Graduate Assistant, ANTH 101: Introduction to Anthropology, Both an In-Person

Lecture and Online Course, Department of Anthropology, University of New

Mexico.

Fall 2013/Spring 2014 Teaching Assistant, ARCH 2800: Archaeological Science Lab, In-Person Lab

Course, Department of Geography, University of North Texas.

#### STUDENT TRAINING

Completed Advisees

Ahna Feldstein Committee Member, graduated Fall 2023, M.S., Department of Archaeology,

**Boston University** 

Eric Gilmore Committee Member, graduated Spring 2023, M.S., Department of Geography

and the Environment, University of North Texas.

<u>Interns</u>

Chelsea Betts Zooarchaeology Intern, Summer 2024, Crow Canyon Archaeological Center,

Cortez, CO.

Ahna Feldstein Zooarchaeology Intern, Summer 2023, Crow Canyon Archaeological Center,

Cortez, CO.

Eric Gilmore Zooarchaeology Intern, Summer 2022, Crow Canyon Archaeological Center,

Cortez, CO.

Co-PI

2024

Alexandra Harris Research Assistant on NSF Doctoral Dissertation Improvement Award (BCS

2005346), Spring 2021. Currently Ph.D. student (Human Evolutionary Biology) at

Harvard University.

Ana Skinner Research Assistant on NSF Doctoral Dissertation Improvement Award (BCS

2005346), Fall 2021.

<u>Informal Mentorship</u>

Miranda LaZar Graduate Student Mentor, Spring 2017–2019, Honor's Thesis project "Tracking

Individual Raptors in the Archaeological Record: Implications for the Study of Ritual Economies in New Mexico." Currently Ph.D. student (Archaeology) at

University of Arizona.

# **CONFERENCE PRESENTATIONS**

Dombrosky, J., R. J. Sinensky, S. C. Ryan, S. Copeland, R. D. Satterwhite. "Tracing Human-Bison Interactions Across the Landscape at the Haynie Site (5MT1905)" Paper presented at the 46<sup>th</sup> Annual Society of Ethnobiology Conference on May 22<sup>nd</sup> in Incline Village, NV.

Betts, C., J. Dombrosky, S. Wolverton. "Mulling Over Mule Deer: Body Size and Harvest Pressure in the Central Mesa Verde Region" (Winner of the Barbara Lawrence Award). Paper presented at the 46<sup>th</sup> Annual Society of Ethnobiology Conference on May 22<sup>nd</sup> in Incline Village, NV.

**Dombrosky, J.**, M. LaZar, C. Hyland, S. D. Newsome. "Individuals from Isotopes: Can Stable Isotopes Distinguish the Remains of Cooper's Hawks (*Accipiter cooperii*)?" Paper presented at the 90th Annual Society for American Archaeology (SAA) Conference on April 26<sup>th</sup> in Denver, CO. In *Global Perspectives on Biomolecular Approaches to Human-Animal Interactions Past and Present* organized by Christine Rose Conlan, Nicolette Edwards, Valentina Martinoia.

Welker, M. H., **J. Dombrosky**, D. Byers, J. Wolfhagen. "Paw-sitive Identification: Machine Learning with Biometrics Improves Canid Detection." Poster presented at the 90<sup>th</sup> Annual Society for American Archaeology (SAA) Conference on April 25<sup>th</sup> in Denver, CO.

Satterwhite, R. D., S. R. Copeland, R. Sinensky, J. Dombrosky, J. Merewether. "Ancestral Pueblo Turkey Management at 5MT1905: Evidence for Confinement of Turkeys within a Pueblo II Roomblock in Southwest Colorado." Poster presented at the 90<sup>th</sup> Annual Society for American Archaeology (SAA) Conference on April 24<sup>th</sup> in Denver, CO.

**Dombrosky, J.** "Two Years of Reproducible Archaeofaunal Reports at Crow Canyon Archaeological Center." Poster presented at the 45<sup>th</sup> Annual Conference of the Society of Ethnobiology on April 26<sup>th</sup> in St. Louis, MO.

**Dombrosky, J.**, S. Wolverton, T. McCright. "Assessing Inter- and Intraobserver Variability in Barbara Lawrence's Criteria for Identifying Pronghorn and Deer Astragali." Poster presented at the 45<sup>th</sup> Annual Conference of the Society of Ethnobiology on April 26<sup>th</sup> in St. Louis, MO.

Wolverton, S., C. G. Armstrong, **J. Dombrosky**, S. C. Ryan. "Taphonomic Perspectives on Archaeological Faunal Abundance and Its Relevance to Identifying Cultural Keystone Places." Paper presented at the 45<sup>th</sup> Annual Conference of the Society of Ethnobiology on April 25<sup>th</sup> in St. Louis, MO.

Wolverton, S., **J. Dombrosky**, L. Nagaoka, and S. C. Ryan. "Taphonomic Analysis with Multisite Big Data in the Central Mesa Verde Region." Paper presented at the 89<sup>th</sup> Annual Society for American Archaeology (SAA) Conference on April 20<sup>th</sup> in New Orleans, LA.

**Dombrosky, J.**, S. C. Ryan, S. Copeland, R. D. Satterwhite. "Bickering over Bison Bones: Radiocarbon and Stable Isotope Analysis to Determine Number of Individuals at the Haynie Site (5MT1905)." Poster presented at the 89<sup>th</sup> Annual Society for American Archaeology (SAA) Conference on April 19<sup>th</sup> in New Orleans, LA.

Nagaoka, L., **J. Dombrosky**, S. Wolverton, E. L. Jones, and S. C. Ryan. "A Differential Recovery Checklist for Zooarchaeology in the U.S. Southwest." Poster presented at the 89<sup>th</sup> Annual Society for American Archaeology (SAA) Conference on April 19<sup>th</sup> in New Orleans, LA.

Dombrosky, J. "Ancestral Pueblo Fishing Associated with Mixed Foraging Goals and Environmental Stability in the Middle Rio Grande of New Mexico." Poster presented at the 88<sup>th</sup> Annual Society for American Archaeology (SAA) Conference on March 30<sup>th</sup> in Portland, OR.

Gilmore, E., J. Dombrosky, L. Nagaoka, and S. Wolverton. "Welcome to the Machine: New Techniques in Predictive Modeling for Improving Data Quality in Zooarchaeology." Paper presented at the 88<sup>th</sup> Annual Society for American Archaeology (SAA) Conference on April 1<sup>st</sup> in Portland, OR.

Conrad, C., **J. Dombrosky**, A. Judkins, J. Kocer, and E. L. Jones. "Hydrogen and Oxygen ( $\delta^2$ H and  $\delta^{18}$ O) Isotopes and the Study of Human-Turkey Relationships in the Northern US Southwest." Paper presented at the 88<sup>th</sup> Annual Society for American Archaeology (SAA) on March 30<sup>th</sup> in Portland, OR.

- 2022 **Dombrosky, J.** "Preliminary Findings from the Haynie Site (5MT1905) Fauna." Poster at presented at the 87<sup>th</sup> Annual Society for American Archaeology (SAA) Conference on April 2<sup>nd</sup> in Chicago, IL.
- Dombrosky, J., M. LaZar. "Tracking Individual Raptors in the Archaeological Record Using Stable Isotopes: Limitations, Possibilities, and Causes of Intraskeletal  $\delta$ -Value Variation." Paper recorded for the Online 2021 Annual Raptor Research Foundation Conference on October 11<sup>th</sup>.

**Dombrosky, J.** "The Impact of Fish Body Size on Ancestral Pueblo Foraging Decisions in New Mexico, ca. AD 1350–1600." Paper recorded for the Online 86<sup>th</sup> Annual Society for American Archaeology (SAA) Conference on March 20<sup>th</sup>.

LaZar, M. and **J. Dombrosky**. "Tracking Individual Raptors in the Archaeological Record Using Stable Isotopes: Limitations, Possibilities, and Causes of Intraskeletal  $\delta$ -Value Variation." Paper recorded for the Online  $86^{th}$  Annual Society for American Archaeology (SAA) Conference on March  $12^{th}$ .

Dombrosky, J. "The Impact of Fish Body Size on Ancestral Pueblo Foraging Decisions in New Mexico, ca. AD 1350–1600." Paper to be presented at 85<sup>th</sup> Annual Society for American Archaeology (SAA) Conference on April 22<sup>nd</sup> through the 26<sup>th</sup> in Austin, TX. (Cancelled due to COVID-19 Pandemic.)

Jones, E. L. and J. Dombrosky. "Environmental Risk and Culture Change in the Middle Rio Grande Valley of New Mexico." Paper to be presented at 85<sup>th</sup> Annual Society for American

Archaeology (SAA) Conference on April 22<sup>nd</sup> through the 26<sup>th</sup> in Austin, TX. (Cancelled due to COVID-19 Pandemic.)

LaZar, M. and **J. Dombrosky**. "Tracking Individual Raptors in the Archaeological Record Using Stable Isotopes: Limitations, Possibilities, and Causes of Intraskeletal  $\delta$ -Value Variation." Paper to be presented at 85<sup>th</sup> Annual Society for American Archaeology (SAA) Conference on April 22<sup>nd</sup> through the 26<sup>th</sup> in Austin, TX. (Cancelled due to COVID-19 Pandemic.)

Scott, K., J. Dombrosky, C. Conrad, E. L. Jones. "Tracking Exchange through Stable Isotope Analysis: A Preliminary Study of the Turkeys from Tijeras Pueblo, New Mexico, USA." Paper to be presented at 85<sup>th</sup> Annual Society for American Archaeology (SAA) Conference on April 22<sup>nd</sup> through the 26<sup>th</sup> in Austin, TX. (Cancelled due to COVID-19 Pandemic.)

**Dombrosky, J.**, S. Wolverton, L. Nagaoka, and E. L. Jones. "Detecting the Impact of Differential Recovery on US Southwestern Archaeofaunas." Poster presented at the 17<sup>th</sup> Biennial Southwest Symposium from January 30<sup>th</sup> to February 1<sup>st</sup> in Tempe, AZ.

2019

2018

**Dombrosky, J.**, E. A. Elliott Smith, A. Besser, S. D. Newsome. "Assessing the past Influence of Terrestrial Production on Aquatic Ecosystem Function in the Middle Rio Grande with Zooarchaeological Fish Remains." Paper presented at the Middle Rio Grande Endangered Species Collaborative Program 2019 Science Symposium on December 3<sup>rd</sup> in Albuquerque, NM.

**Dombrosky, J.** "Towards a More Accurate Estimation of Fish Body Size from Fragmented Skeletal Remains." Paper presented at the 20<sup>th</sup> Meeting of the ICAZ Fish Remains Working Group on August 27<sup>th</sup> in Portland, OR.

**Dombrosky, J.** "Why Pursue Fish in Small Quantities? The Case of Ancestral Puebloan Fishing in the PIV Middle Rio Grande." Paper presented at the 84<sup>th</sup> Annual Society for American Archaeology (SAA) Conference on April 14<sup>th</sup> in Albuquerque, NM.

LaZar, M., **J. Dombrosky**, E. L. Jones, S. Newsome. "Tracking Individual Raptors in The Archaeological Record Using Stable Isotope Analysis: Some Implications for the Study of Ritual Economies in New Mexico." Poster presented at the 84<sup>th</sup> Annual Society for American Archaeology (SAA) Conference on April 12 in Albuquerque, NM.

Jones, E. L., J. Dombrosky, and L. Steele. "Measuring Change in the New Mexican Early Spanish Colonial Period: A View from the Fauna from Isleta Pueblo Mission Convento." Paper presented at the 84<sup>th</sup> Annual Society for American Archaeology (SAA) Conference on April 12 in Albuquerque, NM.

Besser, A. C., E. A. Elliott Smith, **J. Dombrosky**, T. F. Turner, S. D. Newsome. "A Southwestern Producer Essential Amino Acid  $\delta^{13}$ C Library: Potential Archaeological Applications." Paper presented at the 84<sup>th</sup> Annual Society for American Archaeology (SAA) Conference on April 12 in Albuquerque, NM.

LaZar, M. and **J. Dombrosky**. "Tracking Individual Raptors in the Archaeological Record: Implications for the Study of Ritual Economies in New Mexico." Poster presented at the 23<sup>rd</sup> Anthropology Graduate Student Union Conference on March 1<sup>st</sup> in Albuquerque, NM.

**Dombrosky, J.**, E. L. Jones, M. LaZar, and S. D. Newsome. "Instruments of Captivity: Exploring the Relationship between Raptor Management and Whistle/Flute Production in Pueblo IV New Mexico." Poster presented at the 16<sup>th</sup> Biennial Southwest Symposium on January 6<sup>th</sup> in Denver, CO.

2017 **Dombrosky, J.**, E. L. Jones, and S. D. Newsome. "Raptor Management and Whistle/Flute Production in Pueblo IV New Mexico." Paper presented at the 82<sup>nd</sup> Annual Society for American Archaeology (SAA) Conference on April 1<sup>st</sup> in Vancouver, Canada.

2016

2015

2014

Steele, L., E. L. Jones, and **J. Dombrosky**. "Rebound, Stress, Persistence, or Subsistence? The Pre-Pueblo Revolt Fauna from Isleta Mission Convento." Paper presented at the 82<sup>nd</sup> Annual Society for American Archaeology (SAA) Conference on April 1<sup>st</sup> in Vancouver, Canada

**Dombrosky, J.** "Searching for Correspondence between Commensal Politics and Political Organization in the Terminal Pueblo III Mesa Verde World." Paper presented at the biennial Big Meeting at Crow Canyon (Big MACC) on March 3, 2017 in Cortez, CO.

**Dombrosky, J.**, E. L. Jones, C. Conrad, and L. P. Barceló. "Historical Ecology of the Middle Rio Grande: Results from the Isleta Mission Convento Ichthyofauna and Future Applications." Poster presented at the Pecos Conference on August 6<sup>th</sup> in Alpine, AZ.

**Dombrosky, J.**, E. L. Jones, C. Conrad, and L. P. Barceló. "Historical Ecology of the Middle Rio Grande: Results from the Isleta Mission Convento Ichthyofauna and Future Applications." Poster presented at the American Quaternary Association's (AMQUA) 24<sup>th</sup> biennial meeting on June 29<sup>th</sup> in Santa Fe, NM.

**Dombrosky, J.** and E. L. Jones. "Stable Isotope Analysis and the Changing Rio: Results from the Isleta Mission Convento Ichthyofauna and Future Applications." Paper presented at the 2016 Geography, Anthropology, Biology Research Activities Forum (GABRAF) on May 16<sup>th</sup> in Denton, TX.

**Dombrosky, J.** "Zooarchaeological Data Suggest Broader Early Historic Distribution for Blue Sucker (*Cycleptus elongatus*) in New Mexico." Paper presented at the 39<sup>th</sup> Annual Society of Ethnobiology Conference on March 18<sup>th</sup> in Tucson, AZ.

Jones, E. L., C. Conrad, L. P. Barceló, **J. Dombrosky**, and S. Newsome "The Changing Rio: Insights from the Seventeenth Century Ichthyofauna of Isleta Mission Convento (LA 724)." Paper presented at the 2016 Stable Isotopes in Zooarchaeology Working Group Meeting on March 3<sup>rd</sup> in Athens, GA.

**Dombrosky, J.**, A. Barker, A. Eddins, S. Wolverton, and B. Venables. "Characterizing Weathered Protein Residues from an Intra-Annual Cooking Experiment: A Mass Spectrometry Approach." Poster presented at the 80<sup>th</sup> Annual Society of American Archaeology (SAA) Conference on April 16<sup>th</sup> in San Francisco, CA.

Barker, A., **J. Dombrosky**, A. Eddins, K. Schleher, and B. Venables. "Taphonomy and Negative Results: An Integrated Approach to Residue Analysis." Poster presented at the 80<sup>th</sup> Annual Society for American Archaeology (SAA) Conference on April 16<sup>th</sup> in San Francisco, CA.

Wolverton, S., A. Barker, **J. Dombrosky**, B. Venables, and S. Stevens. "Application of Protein Mass Spectrometry to Zooarchaeological Bone." Poster presented at the 80<sup>th</sup> Annual Society for American Archaeology (SAA) Conference on April 17<sup>th</sup> in San Francisco, CA.

**Dombrosky, J.**, L. Nagaoka, and S. Wolverton. "Patches and Pulls: Assessing the Role of Large Game in the Mesa Verde/Northern Rio Grande Migration (ca. AD 1300)." Paper presented at the 12<sup>th</sup> International Conference of Archaeozoology (ICAZ) on September 27<sup>th</sup> in San Rafael, Argentina.

**Dombrosky, J.** "Region as Patch: Assessment of Foraging Efficiency in Mesa Verde and the Northern Rio Grande (ca. AD 1300)." Paper presented at the 2014 Geography, Anthropology, Biology Research Activities Forum (GABRAF) on May 19<sup>th</sup> in Denton, TX.

**Dombrosky, J.**, L. Nagaoka, and S. Wolverton. "Large Game Abundance and Source-Sink Dynamics in the Northern Rio Grande and Mesa Verde regions ca. AD 1300." Poster presented at the 37<sup>th</sup> Annual Society of Ethnobiology Conference on May 14<sup>th</sup> in Cherokee, NC.

Barker, A., J. Dombrosky, D. Chaput, S. Wolverton, B. Venables, and S. M. Stevens, Jr. "Blood from Bones: Protein Residues from Zooarchaeological Remains at Goodman Point Pueblo." Poster presented at the 37<sup>th</sup> Annual Society of Ethnobiology Conference on May 14<sup>th</sup> in Cherokee, NC.

**Dombrosky, J.**, L. Nagaoka, and S. Wolverton. "Abundance of Large Game and Source-Sink Dynamics in the Northern Rio Grande and Mesa Verde at AD 1300." Poster presented at the 79<sup>th</sup> Annual Society of American Archaeology (SAA) Conference on April 24<sup>th</sup> in Austin, TX.

2013 **Dombrosky, J.** and S. Wolverton. "The Political Ecology of Free-Ranging Cats: Pet Ownership and Wildlife Conservation." Poster presented at the 2013 Southwestern Association of American Geographers (SWAAG) Conference on October 25<sup>th</sup> in Nacogdoches, TX.

**Dombrosky, J.** "Animal Resource Abundance in the Mesa Verde and Northern Rio Grande Regions during Late Prehistory." Paper presented at the 2013 Geography, Anthropology, Biology Research Activities Forum (GABRAF) on July 18<sup>th</sup> in Denton, TX.

2012 **Dombrosky, J.** "Notes on the Reality of Archaeological Data: Two Zooarchaeological Case Studies from the Northern Rio Grande Region of New Mexico." Paper presented at UNT Scholar's Day on April 19<sup>th</sup> in Denton, TX.

**Dombrosky, J.** "Student Perception of Feral Cats and Their Effects on Campus Wildlife." Paper presented at the 35<sup>th</sup> Annual Society of Ethnobiology Conference on April 13<sup>th</sup> in Denver, CO.

## SYMPOSIA ORGANIZED

Traversing Past Landscapes and Human-Environment Interactions (co-chair Steve Wolverton). Society for Ethnobiology Conference on May 22<sup>nd</sup> in Incline Village, NV.

Machine Learning Approaches in Studying Ancient Human-Environment Interactions (cochairs Kasey E. Cole and Erik Otárola-Castillo). Poster symposium for the Society for American Archaeology (SAA) 90<sup>th</sup> Annual Meeting on April 25<sup>th</sup> in Denver, CO.

2024 Measuring up to Environmental Archaeology: New Biometric Applications to the Study of Past Plant and Animal Remains (co-chair Martin H. Welker). Poster symposium for the Society of Ethnobiology Conference on April 26<sup>th</sup> in St. Louis, MO.

Advances in Data Science and Environmental Archaeology (co-chair Molly Carney). Poster symposium for the Society of Ethnobiology Conference on April 26<sup>th</sup> in St. Louis, MO.

Stability and Resilience in Zooarchaeology (co-chair Kara Larson). Poster symposium for the 88<sup>th</sup> Annual Society for American Archaeology (SAA) Conference on March 30<sup>th</sup> in Portland, OR.

- The Human/Raptor Interface in Archaeological Research and Its Multidisciplinary Potential (co-chair Katelyn J. Bishop). Raptor Research Foundation, 2021 Annual Conference, October 8–14 in Boise, ID.
- Zooarchaeology in the American Southwest and Northwest Mexico: New Pathways and Future Directions (co-chair Emily Lena Jones). Society of Ethnobiology 39<sup>th</sup> Annual Conference, Tucson, AZ.
- Zooarchaeology (co-chair Amy Hoffman). Society of Ethnobiology 36<sup>th</sup> Annual Conference, Denton, TX.

Paleoethnobiology: Humans and Environments in Time. Society of Ethnobiology 36<sup>th</sup> Annual Conference, Denton, TX.

## INVITED LECTURES/SEMINARS

2025 **Dombrosky, J.** "The Historical Ecology of Desert Fishes in New Mexico." Invited lecture for the Department of Biological Sciences at the University of Alabama on March 31<sup>st</sup>, Tuscaloosa, AL.

**Dombrosky, J.** "Three Years of Faunal Analyses at The Haynie Site (5MT1905)" seminar for the Department of Sociology and Anthropology at The University of Tulsa on March 6<sup>th</sup>, Tulsa, OK.

**Dombrosky, J.** "Quantitative Zooarchaeology" Invited lecture for Faunal Analysis Lab (ANTH 4153/6153) taught by Dr. Miriam Belmaker on March 3<sup>rd</sup> at The University of Tulsa, OK.

**Dombrosky, J.**, R. Sinensky, S. C. Ryan, S. Copeland, R. D. Satterwhite. "Chasing Bison Through Time and Space: Radiocarbon and Stable Isotope Insights at 5MT1905." A virtual presentation on October 5<sup>th</sup>, Colorado Archaeological Society Annual Meeting in Grand Junction, CO.

"Two Years of Zooarchaeological Research from the Northern Chaco Outliers Project." September 5<sup>th</sup>, Four Corners Lecture Series organized by Crow Canyon Archaeological Center.

\*Betts, C., **J. Dombrosky**. "Mulling Over Mule Deer: Body Size and Harvest Pressure in the Central Mesa Verde Region." July 17<sup>th</sup>, Brownbag lecture given to Crow Canyon Archaeological Center, Cortez, CO.

"Two Years of Zooarchaeological Research from the Northern Chaco Outliers Project." May 22<sup>nd</sup>, Colorado Archaeological Society, Grand Junction.

"Ancestral Pueblo Fishing and Environmental Change in the Middle Rio Grande of New Mexico." January 19<sup>th</sup>, Department of Anthropology, New Mexico State University, Las Cruces.

2023 "Ancestral Pueblo Fishing and Environmental Change in the Middle Rio Grande of New Mexico." April 13<sup>th</sup>, Department of Anthropology, University of Alabama, Tuscaloosa.

"Ancestral Pueblo Fishing and Environmental Change in the Middle Rio Grande of New Mexico." February 27<sup>th</sup>, Department of Anthropology, University of Arkansas, Fayetteville.

"Down the Rabbit Hole: Testing the Garden Hunting Hypothesis in the Northern U.S. Southwest." November 7<sup>th</sup>, Lecture for the Taos Archaeological Society, Taos, NM.

"Ancestral Pueblo Fishing Strategies" July 7<sup>th</sup>, Four Corners Lecture Series organized by Crow Canyon Archaeological Center.

"Ancestral Pueblo Fishing and Environmental Change in the Middle Rio Grande of New Mexico." February 22<sup>nd</sup>, Anthropology Seminar, Department of Anthropology, Boise State University, Boise, ID.

"Individuals from Isotopes: Can Stable Isotopes Distinguish the Skeletal Remains of Individual Cooper's Hawks (*Accipiter cooperii*)?" November 17<sup>th</sup>, Webinar for the Department of Archaeology, Simon Fraser University.

"Ancestral Pueblo Fishing Strategies in the Middle Rio Grande of New Mexico." September 16<sup>th</sup>, Four Corners Lecture Series organized by Canyon of the Ancients National Monument.

"Fishing for Foodways: The Nature/Culture Dichotomy in Ancestral Pueblo Food Studies." April 2<sup>nd</sup>, Ruth E. Kennedy Lecture, UNM, Albuquerque, NM.

2020 "Testing the Garden Hunting Hypothesis in the Ancestral Pueblo World." November 19<sup>th</sup>, Archaeology Webinar lecture for Crow Canyon Archaeological Center.

"Environmental Impact on Ancestral Pueblo Fishing in the Middle Rio Grande." October 20<sup>th</sup>, Webinar lecture for the Albuquerque Archaeological Society.

"Introduction to Zooarchaeology." October 2<sup>nd</sup>, Online lecture for Introduction to Archaeological Method and Theory (ANTH 1211), UNM course taught by Scott Kirk, Albuquerque, NM.

2019 "Testing the Garden Hunting Hypothesis in the Pueblo IV Middle Rio Grande and Beyond." June 20<sup>th</sup>, Brownbag lecture given to Crow Canyon Archaeological Center, Cortez, CO.

"Introduction to Zooarchaeology." June 6<sup>th</sup>, Lab session given to Crow Canyon Archaeological Center College Field School, Cortez, CO.

"Introduction to Stable Isotope Analysis and Radiocarbon Dating." June 3<sup>rd</sup>, Evening program given to Crow Canyon Archaeological Center College Field School, Cortez, CO.

"Graduate Student Q&A." October 24<sup>th</sup>, Research Design and Geographic Applications (GEOG 5800), UNT course taught by Dr. Steve Wolverton, Denton, TX.

2018

"Ancestral Puebloan Fishing in the Pueblo IV Middle Rio Grande." June 21<sup>st</sup>, Brownbag lecture given to Crow Canyon Archaeological Center, Cortez, CO.

"Introduction to Zooarchaeology." June 6<sup>th</sup>, Lab session given to Crow Canyon Archaeological Center College Field School, Cortez, CO.

"Introduction to Stable Isotope Analysis and Radiocarbon Dating." June 4<sup>th</sup>, Evening program given to Crow Canyon Archaeological Center College Field School, Cortez, CO.

"Graduate School Q&A Panel for UNM Undergraduate Anthropology Society." April 26<sup>th</sup>, UNM, Albuquerque, NM.

"CV & Resume Workshop for UNM Undergraduate Anthropology Society." April 24<sup>th</sup>, UNM, Albuquerque, NM.

"Instruments of Captivity: Exploring the Relationship between Raptor Management and Whistle/Flute Production in Pueblo IV New Mexico." April 23<sup>rd</sup>, Brownbag lecture given at the UNM Center for Stable Isotopes Seminar, Albuquerque, NM.

2017 "A Preliminary Assessment of Energy Flow in the Protohistoric Middle Rio Grande."

November 27<sup>th</sup>, Brownbag lecture given at the UNM Center for Stable Isotopes Seminar,
Albuquerque, NM.

"Introduction to Zooarchaeology." June 8<sup>th</sup>, Lab session given to Crow Canyon Archaeological Center College Field School, Cortez, CO.

2016 "Graduate Student Skype Q&A." October 5<sup>th</sup>, Research Design and Geographic Applications (GEOG 5800), UNT course taught by Dr. Steve Wolverton, Denton, TX.

"Avoiding Fish Aversion." September 28<sup>th</sup>, Zooarchaeology (ANTH 373/573), UNM course taught by Dr. Emily Jones, Albuquerque, NM.

"Zooarchaeological Data Suggest Broader Early Historic Distribution for Blue Sucker (*Cycleptus elongatus*) in New Mexico" June 30<sup>th</sup>, Four Corners Lecture Series, Cortez, CO.

"Introduction to Zooarchaeology." June 16<sup>th</sup>, Lecture given to Crow Canyon Archaeological Center College Field School, Cortez, CO.

"Take a Walk on the Applied Side: Three Zooarchaeological Case Studies from the American West." April 18<sup>th</sup>, World Archaeology (ANTH 220), UNM course taught by Dr. Lisa Fontes, Albuquerque, NM.

"Avoiding Fish Aversion." October 12<sup>th</sup>, Zooarchaeology (ANTH 373/573), UNM course taught by Dr. Emily Lena Jones, Albuquerque, NM.

## **MUSEUM EXHIBITS**

2021 Rio Grande Fish: Archaeology Superheroes, Online exhibit, Maxwell Museum of Anthropology, produced by Anderson, M. with J. Dombrosky (Exhibit Curator) and D. Romanek (Curator of Exhibits). Available here.

#### **WORKSHOPS**

2024

Instructor. R Programming for Ethnobiologists, May 21, 8-hour intensive introduction to basic computer functions, data practices, manipulation, visualization, text analysis, and modeling in the *tidyverse* for Society of Ethnobiology members in Incline Village, NV.

Co-instructor with Jesse Wolfhagen. *Reproducible Reporting in R*, April 24<sup>th</sup>, 4-hour introduction to reproducible data analysis and scholarly publishing systems in the R programming language scheduled during the Society for American Archaeology (SAA) 90<sup>th</sup> Annual Meeting between April 23<sup>rd</sup> and 27<sup>th</sup> in Denver, CO

Organizer. *Distinguishing Human from Non-Human Animal Bone in Archaeological Contexts* instructed by James T. Watson, 4-hour introduction to basic skeletal anatomy of non-human and human remains scheduled during the Society for American Archaeology (SAA) 90<sup>th</sup> Annual Meeting between April 23<sup>rd</sup> and 27<sup>th</sup> in Denver, CO

Instructor. *Comprehensive R Programming for Beginners*. Weeklong introduction to statistical analysis and reproducible data science in R. Department of Sociology and Anthropology, University of Tulsa, March 3<sup>rd</sup>-7<sup>th</sup> in Tulsa, OK.

Instructor. *R Programming for Ethnobiologists: A Beginner's Guide to the* tidyverse, April 24<sup>th</sup>, 8-hour intensive introduction to basic computer functions, data practices, manipulation, visualization, text analysis, and modeling in the *tidyverse* for Society of Ethnobiology members in St. Louis, MO.

Instructor. *Professional Development for Early Career Researchers*, co-taught with Steve Wolverton, April 22<sup>nd</sup>, 1.5 hour course discussing and reflecting on time management, motivation, and revision habits with graduate students in the Department of Anthropology at the University of Missouri, Columbia.

Instructor. A Beginner's Workshop for R Programming in the tidyverse, June 17<sup>th</sup>, 8-hour intensive introduction to basic computer functions, data practices, manipulation, and visualization, in the *tidyverse* for Crow Canyon College Field School Students (supported by an NSF REU), Cortez, CO.

Instructor. A Beginner's Workshop for R Programming in the tidyverse, November 12<sup>th</sup>, 8-hour intensive introduction to data manipulation, visualization, and modeling in the tidyverse for University of North Texas faculty and students, Denton, TX.

Instructor. *R for Archaeological Data Science*, February 2<sup>nd</sup>—June 28<sup>th</sup> provided tutorials for common data science needs in archaeology for Crow Canyon Archaeological Center, Cortez, CO.

#### SPECIALIZED TRAINING

- Attendee, Bayesian Chronological Modeling Workshop taught by Derek Hamilton and Anthony Krus, April 9–10, Albuquerque, NM.
- 2018 Certificate, Society for American Archaeology, 3D Morphometrics for Archaeologists, Online Seminar.
- 2017 Certificate, 3D Geometric Morphometrics, Transmitting Science, Els Hostalets de Pierola, Barcelona, Spain.

# **FIELD EXPERIENCE**

- 2021 Field Technician, Algonquin Consultants, Inc.
  - Two eight-day (10 hrs/day) pedestrian survey sessions in the Plains-Mesa Grassland of eastern New Mexico. Sessions occurred near Santa Rosa (May 18–25; approx. 670 acres) and Conchas Lake (June 1–8; approx. 770 acres). Sites recorded included Archaic lithic scatters, Ancestral Pueblo camps, and historic ranching homesteads/field houses.
- 2016–2019 Seasonal Field Archaeologist, Crow Canyon Archaeological Center, Cortez, CO.

  Assisted with supervising Crow Canyon's college field school through two different projects. Excavations were conducted in 2016 through the Basketmaker Communities Project at the Hatch group (see below) and at Mueller Little House (5MT10631), which is a site that mainly consists of a medium-sized pithouse occupied around the mid to late AD 600s. We helped initiate the Northern Chaco Outliers Project through remote sensing and mapping of the Haynie Site (5MT1905) with the college field school, and taught field school students pedestrian survey techniques in Alkali Canyon. Further, I intermittently taught lay participants basic excavation techniques. Excavations were carried out through the Northern Chaco Outliers Project from 2017 to 2019. I helped teach college students basic excavation and pedestrian survey techniques at the Haynie Site (5MT1905).
- 2015 Field Intern, Crow Canyon Archaeological Center. Cortez, CO.

  Assisted with the Basketmaker Communities Project through excavation of the Hatch group, which consists of 5MT10687 (Sagebrush House), 5MT10686 (the Badger Den site), 5MT2037 (the Pasquin site), 5MT10684 (the Dry Ridge site), 5MT3875 (the Shepherd site), and Site 5MT10709 (no name assigned). These are multicomponent sites that date from

the Basketmaker III (AD 500–750) and Pueblo II (AD 900–1150) periods. Further, I supervised lay participants in basic excavation techniques who ranged from middle school-aged students to adults.

2011 Student, San Juan College Archaeological Field School. Farmington, NM.

Excavation of the Point Site (LA 8619), a Chacoan outlier occupied from the Basketmaker

III through Pueblo III time periods (AD 500–1280), through the Totah Archaeological

Project (TAP). Learned basic field techniques through excavation of room blocks, middens,

and a Great Kiva.

## LAB EXPERIENCE

Present Faunal Analyst, Haynie Site, 5MT1905

Analysis of an archaeofaunal assemblage from the central Mese Verde region of southwest Colorado. Occupied from ca. AD 750 to 1150. The assemblage includes complete identification of well-preserved mammalian, avian, and fish remains. Current Number of Specimens (NSP) estimation is 16,500.

2016 Faunal Analyst, Isleta Mission Convento, LA 724

Analysis of ichthyofaunal assemblage from the Middle Rio Grande region of New Mexico. Occupied ca. AD 1680. Identification of well-preserved fish remains for further isotopic analysis.

2015 Faunal Analyst, Monsoon House, 5MT16808

Analysis of an archaeofaunal assemblage from the central Mesa Verde region of southwestern Colorado. Occupied around AD 900 to 1280. The assemblage included complete identification of well-preserved mammalian and avian remains.

2014 Faunal Analyst, Ponsipa'akeri, LA 297

Analysis of an archaeofaunal assemblage from the northern Rio Grande region of New Mexico. Occupied from approximately AD 1300 to 1600. Assemblage includes complete identification of well-preserved mammalian, avian, and fish remains.

Laboratory Technician, UNT Environmental Chemistry Lab Supervisors: Dr. Steve Wolverton and Dr. Barney Venables

Research Assistant, NSF Archaeometry Technical Development Grant No. 1112615, NSF Archaeometry Technical Development Grant No. 1112615, Expanding Application of Proteomics-based Research in Archaeological Residue Analysis, University of North Texas.

2013 Laboratory Technician, UNT Conservation Genetics Lab

Supervisor: Dr. Jeff Johnson

Extraction, amplification, and sequencing of DNA from Attwater's Prairie Chicken (*Tympanuchus cupido attwateri*) to help better manage endangered populations.

Research Assistant, UNT Environmental Chemistry Lab Supervisors: Dr. Steve Wolverton and Dr. Barney Venables

NSF Archaeometry Technical Development Grant No. 1112615, Expanding Application of Proteomics-based Research in Archaeological Residue Analysis, University of North Texas.

2012 Faunal Analyst, Poverty Point, 16WC5

Analysis of archaeofaunal assemblages from many past excavations. Included complete identification of mammalian, avian, reptilian, and fish remains. Included small specimens and large specimens excavated and dredged from surrounding area.

Research Assistant, UNT Environmental Chemistry Lab Supervisors: Dr. Steve Wolverton and Dr. Barney Venables

NSF Archaeometry Technical Development Grant No. 1112615, Expanding Application of Proteomics-based Research in Archaeological Residue Analysis, University of North Texas.

# **HONORS AND AWARDS**

2020	Ruth E. Kennedy Award, UNM, \$500
2016	Broilo-Basehart prize, UNM, \$300
2015	Outstanding Graduate Student in Geography, UNT
2012	Society of Ethnobiology's Undergraduate Ethnobiologist Award Academic Achievement Award in Anthropology, UNT David B. Kesterson Award for Outstanding Honors College Student, UNT UNT Scholarship (2012–2013 Academic Year) President's List, University of North Texas, Fall Semester
2011	Academic Achievement Award in Anthropology, UNT Brownlee-Moore Scholarship (2011–2012 Academic Year) National Honors Society of Phi Kappa Phi President's List, University of North Texas, Spring and Fall Semesters
2010	President's List, University of North Texas, Fall Semester

# **SERVICE**

Positions Held	
Spring 2025–Present	Treasurer Elect, Society for Ethnobiology
Spring 2024–Present	Committee Member, Society for American Archaeology (SAA), Wase Memorial Scholarship
Spring 2022–Spring 2025	Co-chair, Society for American Archaeology (SAA) Zooarchaeology Interest Group (ZIG)
Spring 2016–Summer 2020	Editorial Assistant, Journal of Anthropological Research (ISSN 0091-7710)
Spring 2018–Summer 2020	Editorial Board, Ethnobiology Letters (ISSN 2159-8126)
Fall 2015–Fall 2017	Production Editor, Ethnobiology Letters (ISSN 2159-8126)

Editorial Assistant, Ethnobiology Letters (ISSN 2159-8126)

## Peer Reviews

Fall 2011-Fall 2015

# 33 verified reviews of 27 manuscripts at Web of Science

	Year of Last	No. of	
Journal	Review	Reviews	ISSN
Journal of Field Archaeology	2025	1	2042-4582
KIVA: Journal of Southwestern Anthropology and History	2024	4	0023-1940
Advances in Archaeological Practice	2024	1	2326-3768
American Antiquity	2024	3	0002-7316
Journal of Archaeological Science: Reports	2024	5	2352-409X
California Archaeology	2024	1	1947-4628
Journal of Archaeological Science	2024	2	1095-9238

	Year of Last	No. of	
Journal	Review	Reviews	ISSN
Scientific Reports	2023	2	2045-2322
Journal of Anatomy	2023	1	1469-7580
Human Ecology	2023	1	1572-9915
Journal of Archaeological Method and Theory	2022	2	1573-7764
Plains Anthropologist	2021	1	0032-0447
Journal of Human Evolution	2020	2	0047-2484
Journal of Ethnobiology	2019	5	2162-4496
Western Wildlife	2018	1	2475-4250
Animals	2014	1	2076-2615

## **Grant Proposal Reviews**

2025	National Science Foundation (NSF), Individual Review, Archaeology and Archaeometry Unit, Division of Behavioral and Cognitive Sciences (SBE/BCS)
2024	National Science Foundation (NSF), Individual Review, Archaeology and Archaeometry Unit, Division of Behavioral and Cognitive Sciences (SBE/BCS)
2023	National Science Foundation (NSF), Individual Review, Archaeology and Archaeometry

## **Public Outreach**

2021 Panelist, Ask an Archaeologist, Crow Canyon Webinar, September 30th.

Unit, Division of Behavioral and Cognitive Sciences (SBE/BCS)

UNM Zooarchaeology Lab Representative, January 27th, UNM Day at the Legislature, Santa 2020 Fe, NM.

2019 **Dombrosky, J.** Bones of the Bosque. July 24<sup>th</sup>, Rio Grande Nature Center's Summer Program Nature Discovery for Kids, Albuquerque, NM.

> Dombrosky. J. Demystifying Stable Isotope Analysis in Archaeological Research. April 9th, The Friends of Tijeras Monthly Lecture Series, Tijeras, NM.

2018 Dombrosky, J. "What the Remains of Birds of Prey and Fishes Can Tell Us about Changing Human-Animal Relationships in the Prehispanic Pueblo World." October 20th, Chaco Culture National Historical Park's International Archaeology Day, Nageezi, NM.

> Jones, E. L., C. Ainsworth, J. Dombrosky. Albuquerque Archaeological Society Faunal Seminar. September 15<sup>th</sup>, Albuquerque, NM.

> **Dombrosky, J.** "De-Mystifying Stable Isotope Analysis." February 22<sup>nd</sup>, 2018 Docent Academy at the Coronado Historic Site, Bernalillo, NM.

2012 Dombrosky, J. and A. Hoffman. "Applying Paleozoology" May 17th, Texas Master Naturalists, Denton, TX.

# Other Professional Experience

2016	Volunteer, American Quaternary Association 24th Biennial Meeting
2014	Organizing Committee, Geography, Anthropology, Biology Research Activities Forum (GABRAF)
	Volunteer, Field Hand, UNT Quail, Denton, TX
2013	Volunteer, Society of Ethnobiology Conference, Denton, TX

2012 *Volunteer*, Faunal Analyst, Crow Canyon Archaeological Center, Cortez, CO

Grader/Tutor, Archaeological Science (ARCH 2800), University of North Texas

Tutor, Quantitative Methods (GEOG 3190), University of North Texas

2011 Volunteer, Plano Archaeology Fair Sponsored by Geo-Marine Inc., Plano, TX

## PROFESSIONAL MEMBERSHIPS

Society for American Archaeology Fish Remains Working Group of the International Council of Archaeozoology Register of Professional Archaeologists

# **REFERENCES**

Emily Lena Jones, Professor, Department of Anthropology, University of New Mexico, eli@unm.edu

Steve Wolverton, Professor, Department of Geography and the Environment, University of North Texas, steven.wolverton@unt.edu

Torben C. Rick, Curator of Human Environmental Interactions and North American Archaeology, National Museum of Natural History, Smithsonian Institution, <a href="mailto:rickt@si.edu">rickt@si.edu</a>