

*CURRICULUM VITAE*  
**JONATHAN DOMBROSKY**  
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## 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

### *Specialized Training*

- 2019 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.

## PROFESSIONAL APPOINTMENTS

- 2021–Present *Postdoctoral Scholar in Fauna Analyses*, Crow Canyon Archaeological Center, Cortez, CO.
- 2021–Present *Adjunct Assistant Professor of Archaeology*, Department of Anthropology, University of New Mexico, Albuquerque.
- 2019–Present *Research Associate*, Crow Canyon Archaeological Center, Cortez, CO.

## RESEARCH FOCI

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

## RESEARCH FUNDING & FELLOWSHIPS

- 2021 Raptor Research Foundation, *Wings to Fly Travel Grant*, \$750  
UNM, *Moore Travel Grant*, \$215

2020	UNM, <i>Hibben Doctoral Research Fellowship</i> , \$16,000 National Science Foundation, <i>Doctoral Dissertation Improvement Award</i> , \$30,298 (BCS 2005346)
2019	UNM, <i>GPSA Student Research Grant</i> , \$500 UNM, <i>Department of Anthropology, Moore Travel Grant</i> , \$500
2018	UNM, <i>GPSA New Mexico Research Grant (High Priority)</i> , \$5,000 UNM, <i>Center for Regional Studies Graduate Research Fellowship</i> , \$9,000 <i>Friends of Coronado Historic Site Scholarship</i> , \$1,500
2017	UNM, <i>Moore Student Research Grant</i> , \$1,000
2016	UNM, <i>GPSA New Mexico Research Grant (General Priority)</i> , \$3,000 UNM, <i>GPSA Professional Development Grant</i> , \$500
2015	UNM, <i>GPSA Student Research Grant</i> , \$500 UNM, <i>Lewis R. Binford Graduate Fellowship</i> , \$31,000 UNT, <i>Toulouse Graduate School Travel Grant</i> , \$600 UNT, <i>College of Arts and Sciences Travel Grant</i> , \$400
2014	UNT, <i>Thesis/Dissertation Fellowship</i> , \$26,000
2013	UNT, <i>Tuition Grant</i> , \$1,000
2012	UNT, <i>Undergraduate Research Fellowship</i> , \$3,000

## PUBLICATIONS

(\*student collaborator)

### Books

Wolverton, S., and J. Dombrosky

In prep *Becoming a Researcher: Making the Transition to Graduate School*, 2<sup>nd</sup> Edition, Society of Ethnobiology, Tacoma, WA.

### Articles in Refereed Journals

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

In prep How Prevalent Is Archaeological Garden Hunting? To be submitted to *Current Anthropology*. ISSN: 1537-5382.

**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: 10.1002/oa.2416.
- 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  
 2015 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  
 2014 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. ISBN: 978-3-319-28153-7, DOI: 10.1007/978-3-319-28155-1.
- Wolverton, S., **J. Dombrosky**, and A. Barker  
 2014 Paleoethnobiologia. In *Introdução à Etnobiologia*, edited by U. P. Albuquerque. NUPEEA, Recife, Brazil.
- Reports*
- Dombrosky, J.**, \*E. Gilmore  
 2022 Year One of Archaeofaunal Analysis at the Haynie Site (5MT1905). Report on file with Crow Canyon Archaeological Center, Cortez, CO.
- Dombrosky, J.**, A. Gillreath-Brown, L. Ellyson, S. Wolverton  
 2018 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.

### General Articles

\*LaZar, M., and J. Dombrosky

- 2022 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.

### Book Reviews

- In press 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*.
- 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.
- 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.

## 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

### Advising Activities

- Spring 2021–Present *Committee Member*, Eric Gilmore, Master’s Student, Department of Geography and the Environment, University of North Texas.

### Interns

- Summer 2022 *Zooarchaeology Intern*, Eric Gilmore, Crow Canyon Archaeological Center, Cortez, CO.

*Co-PI*

Spring 2021 Alexandra Harris, Research Assistant on NSF Doctoral Dissertation Improvement Award (BCS 2005346). Currently Master's student in Evolutionary Studies, Department of Archaeology, University of Cambridge, UK.

Fall 2021 Ana Skinner, Research Assistant on NSF Doctoral Dissertation Improvement Award (BCS 2005346).

*Informal Mentorship*

Spring 2017–2019 *Graduate Student Mentor*, Miranda LaZar, 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

2023 **Dombrosky, J.** "Ancestral Pueblo Fishing Associated with Mixed Foraging Goals and Environmental Stability in the Middle Rio Grande of New Mexico." Poster to be presented at the 88<sup>th</sup> Annual Society for American Archaeology (SAA) Conference between March 29<sup>th</sup> and April 2<sup>nd</sup> in Portland, OR.

Gilmore, E., **J. Dombrosky**, L. Nagaoka, S. Wolverton. "Welcome to the Machine: New Techniques in Predictive Modeling for Improving Data Quality in Zooarchaeology." Paper to be presented at the 88<sup>th</sup> Annual Society for American Archaeology (SAA) Conference between March 29<sup>th</sup> and April 2<sup>nd</sup> in Portland, OR.

Conrad, C., **J. Dombrosky**, A. Judkins, J. Kocer, and E. L. Jones. "Hydrogen and Oxygen ( $\delta^2\text{H}$  and  $\delta^{18}\text{O}$ ) Isotopes and the Study of Human-Turkey Relationships in the Northern US Southwest." Paper to be presented at the 88<sup>th</sup> Annual Society for American Archaeology (SAA) Conference between March 29<sup>th</sup> and April 2<sup>nd</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.

2021 **Dombrosky, J.**, M. LaZar. "Tracking Individual Raptors in the Archaeological Record Using Stable Isotopes: Limitations, Possibilities, and Causes of Intraskkeletal  $\delta$ -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 Intraskkeletal  $\delta$ -Value Variation." Paper recorded for the Online 86<sup>th</sup> Annual Society for American Archaeology (SAA) Conference on March 12<sup>th</sup>.

2020 **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 Intraskkeletal  $\delta$ -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 **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  $\delta^{13}\text{C}$  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.

2018 **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.
- 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.
- 2016 **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.
- 2015 **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.
- 2014 **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**

2023 Stability and Resilience in Zooarchaeology (co-chair Kara Larson). Poster symposium scheduled for the 88<sup>th</sup> Annual Society for American Archaeology (SAA) Conference on March 29<sup>th</sup> to April 2<sup>nd</sup> in Portland, OR.

2021 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.

2016 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.

2013 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.



## PUBLIC AND GUEST LECTURES/SEMINARS

- 2022 "Down the Rabbit Hole: Testing the Garden Hunting Hypothesis in the Northern U.S. Southwest." Scheduled for 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.
- 2021 "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.
- 2018 "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.  
"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

- 2022 *A Beginner’s Workshop for R Programming in the tidyverse*, Scheduled for November 12<sup>th</sup>, introduction to data manipulation, visualization, and modeling in the *tidyverse* for University of North Texas faculty and students, Denton, TX.
- 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.

## 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 Mesa 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.
- Present *Faunal Analyst, Hummingbird Pueblo, LA 578*  
Analysis of an archaeofaunal assemblage from the Middle Rio Grande region of New Mexico. Occupied from around AD 1275 to 1450. The assemblage includes complete identification of well-preserved mammalian, avian, and fish remains.
- 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 2022–Present      *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)
- Fall 2011–Fall 2015      *Editorial Assistant*, Ethnobiology Letters (ISSN 2159-8126)

### Peer Reviews

16 verified reviews at [Web of Science](#)

Journal	ISSN	No. of Reviews	Year of Last Review
<i>Journal of Archaeological Science: Reports</i>	2352-409X	2	2022
<i>Journal of Archaeological Method and Theory</i>	1573-7764	2	2022
<i>Plains Anthropologist</i>	0032-0447	1	2021
<i>American Antiquity</i>	0002-7316	2	2020
<i>Journal of Human Evolution</i>	0047-2484	2	2020
<i>Journal of Ethnobiology</i>	2162-4496	5	2019
<i>Western Wildlife</i>	2475-4250	1	2018
<i>Animals</i>	2076-2615	1	2014

### Public Outreach

- 2021 Panelist, *Ask an Archaeologist*, [Crow Canyon Webinar](#), September 30<sup>th</sup>.
- 2020 UNM Zooarchaeology Lab Representative, January 27<sup>th</sup>, *UNM Day at the Legislature*, Santa 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 9<sup>th</sup>, 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 20<sup>th</sup>, 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 17<sup>th</sup>, Texas Master Naturalists, Denton, TX.

### Other Professional Experience

- 2016 *Volunteer*, American Quaternary Association 24<sup>th</sup> 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

## **REFERENCES**

Emily Lena Jones, Associate Professor, Department of Anthropology, University of New Mexico, [elj@unm.edu](mailto:elj@unm.edu)

Steve Wolverton, Professor/Department Chair, Department of Geography and the Environment, University of North Texas, [steven.wolverton@unt.edu](mailto:steven.wolverton@unt.edu)

Torben C. Rick, Curator of North American Archaeology, National Museum of Natural History, Smithsonian Institution, [rickt@si.edu](mailto:rickt@si.edu)