

JASON RICHARD MOORE

Associate Professor – Honors College, University of New Mexico, Albuquerque, NM
Adjunct Associate Professor – Department of Earth and Planetary Sciences (UNM)

RECENT GRANTS AND AWARDS

UNM HRI, 2023; Paraguay Taphonomy and Dinosaur Paleontology - \$6100
UNM HRI, 2022; Paraguay Taphonomy - \$4600
HHMI Inclusive Excellence 3 LCC2, Leadership Team, 2022; \$377,800
NSF Building Capacity: E-CURE, Senior Personnel and Leadership Team, 2020; \$2.1M
NSF NRT-HDR: MRT, Senior Personnel and Leadership Team, 2020; \$2.99M
UNM Graduate Teaching Improvement Grant, 2019; Develop RCF - \$34,000
UNM HRI, 2019; Paraguay taphonomy - \$1450

RECENT PEER REVIEWED PUBLICATIONS (STUDENT CO-AUTHORS IN BOLD ITALICS)

Douglas A. Edmonds, **Harrison K. Martin**, **Jeffery M. Valenza**, **Riley Henson**, Gary S. Weissmann, **Keely Miltenberger**, **Wade Mans**, Jason R. Moore, Rudy L. Slingerland, Martin R. Gibling, Alexander B. Bryk, Elizabeth A. Hajek; Rivers in reverse: Upstream-migrating dechannelization and flooding cause avulsions on fluvial fans. *Geology* 2022; 50 (1): 37–41. doi: <https://doi.org/10.1130/G49318.1>

Redman, C.M., Moore, J.R., Lovelace, D.M. and Meachen, J.A., 2021. The rank abundance distribution of large-bodied vertebrates from Natural Trap Cave, Wyoming. *Quaternary International*.

Wilson Mantilla, G.P., Chester, S.G., Clemens, W.A., Moore, J.R., Sprain, C.J., **Hovatter, B.T.**, Mitchell, W.S., **Mans, W.W.**, Mundil, R. and Renne, P.R., 2021. Earliest Palaeocene purgatorids and the initial radiation of stem primates. *Royal Society Open Science*, 8(2), p.210050.

Lucas N. Weaver, Gregory P. Wilson, L. J. Krumenacker, Kayla McLaughlin, Jason R. Moore & David J. Varricchio, 2019, New multituberculate mammals from the mid-Cretaceous (lower Cenomanian) Wayan Formation of southeastern Idaho and implications for the early evolution of Cimolodonta, *Journal of Vertebrate Paleontology*, doi: 10.1080/02724634.2019.1604532

Frey Mueller, N. A., Moore, J. R., and Myers, C. E., 2019, The impact of OAE2 on global molluscan diversity dynamics, *Paleobiology*, 1-16, doi: 10.1017/pab.2019.10

RECENT PRESENTATIONS (STUDENT CO-AUTHORS IN BOLD ITALICS)

Messec, R., **Keller, J. S.**, and Moore, J. R., 2022, Measurement protocol influences intraspecific molar variation in modern and fossil rodents. 2022 Annual Meeting of the Society of Vertebrate Paleontology, Toronto, Canada.

Hutchinson, I. S., **Brown, I.**, Redman, C., Varricchio, D. J., and Moore, J., 2022, A new terrestrial-dominated microfossil assemblage from the Late Cretaceous Two Medicine Formation of Montana, U.S.A. 2022 Annual Meeting of the Society of Vertebrate Paleontology, Toronto, Canada.

- Appgar, A. D.**, Tomé, C. P., Moore, J. R., and Weissmann, G. S., 2022, A reconstruction of late Triassic assemblages and their response to the Adamanian-Revueltian faunal turnover. 2022 Annual Meeting of the Society of Vertebrate Paleontology, Toronto, Canada.
- Perea, I.**, Wolff, E., and Moore, J. R., 2022, Pterosaur death pose provides insight into taphonomy and mode of mortality. 2022 Annual Meeting of the Society of Vertebrate Paleontology, Toronto, Canada.
- Messec, R., Keller, J. S.**, and Moore, J. R., 2021, High intraspecific molar variation in North American Eocene–Oligocene rodents. 2021 Annual Meeting of the Society of Vertebrate Paleontology, Online.
- Freymueller, N.**, DeMar, D., **Dwyer, C.**, Farnsworth, A., Fendley, I., **Gaines, K., Hedberg, C. P., Keller, J. S.**, Moore, J. R., Myers, C. E., **Perriguet, D., Rovelli, R., Schroeder, K., Silviria, J. S.**, Wilson Mantilla, G., and Witts., J., 2021, The fate of the Hell Creek tetrapod biota: Ecological niche modeling reveals geographic and environmental habitat changes for 106 genera across the End-Cretaceous mass extinction. 2021 Annual Meeting of the Society of Vertebrate Paleontology, Online.
- Wolff, E.S., **Perea, I.**, and Moore, J. R., 2021, Qhe taphonomy and pathology of death pose in archosaurs. 2021 Annual Meeting of the Society of Vertebrate Paleontology, Online.
- Moore, J.R., Weissmann, G.J., and **Miltenberger, K.S.**, 2020, The Present is not the Key to the Past: Fossil Preservation on Megafans. Taphcon 2020.
- Moore, J. R., and Weissmann, G.S., 2019, Vertebrate taphonomy in Distributive Fluvial Systems. 2019 Annual Meeting of the Society of Vertebrate Paleontology, Brisbane, Australia.
- Moore, J. R., and Weissmann, G.S., 2019, Vertebrate taphonomy in Distributive Fluvial Systems. 2019 Annual Meeting of the Geological Society of America, Phoenix, AZ.
- Armijo, B., Abt, W.**, and Moore, J. R., 2019, Mammalian taxonomic response to the Eocene-Oligocene Climate Transition in the White River Group. 2019 Annual Meeting of the Geological Society of America, Phoenix, AZ.
- Rovelli, R., Cotter, A., Dwyer, C., Freymueller, N., Gaines, K., Hedberg, C., Keller, J., Perriguet, D., Silviria, J.**, Witts, J., Moore, J. R., and Myers, C., 2019, Using PaleoENM to predict patterns of survivorship in the Hell Creek Formation ecosystems across the K/Pg mass extinction. 2019 Annual Meeting of the Geological Society of America, Phoenix, AZ.

TEACHING

11 Courses developed and taught for UNM Honors
 2 Courses developed and taught for UNM EPS
 7 Undergraduate Senior Theses and Projects
 Advisor/committee member to 14 Dissertations, Masters Theses, and Graduate Programs
 Advised >28 Individual Study Projects
 Advised >25 Not-for-credit Student Researchers:
 2018-2020 AAGE UGR Fellow
 2017-2018 UNM Outstanding New Teacher of the Year

SERVICE

>21 Honors College service assignments:
 >10 University service activities:
 >10 Regional, National, and International service activities