Curriculum Vitae

Dr. John Warren Huntley, Associate Professor

Department of Geological Sciences

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Education

Ph.D. Geosciences Virginia Polytechnic Institute and State University, 2007

Advisor: Michał Kowalewski

M.S. Geology University of North Carolina at Wilmington, 2003

Advisor: Patricia H. Kelley

B.S. Geology Appalachian State University, 2000 German Language School *did* Deutsch Institut-München, 2009

Two months of intensive language courses

Marine Biology Field Course Friday Harbor Laboratories - University of Washington, 2004

Predator-Prey Interactions, Instructors: Michał Kowalewski and Lindsey

Leighton

Geology Field Camp Appalachian State University, 1999

Feltre and San Martino di Castrozza, Italy

Instructors: Fred Webb, Jr. and Lucio D'Alberto

Professional Employment

2019-Present Associate Professor

Department of Geological Sciences University of Missouri, Columbia, MO

2020-2021 Faculty Research Leave

Department of Geological Sciences University of Missouri, Columbia, MO

2013-2019 Assistant Professor

Department of Geological Sciences University of Missouri, Columbia, MO

2011-2013 Visiting Assistant Professor

Department of Geology

St. Lawrence University, Canton, NY

2009-2011 Humboldt Research Fellow

GeoZentrum Nordbayern

Friedrich-Alexander Universität, Erlangen, Germany

2008-2009 *Lecturer*

Department of Earth and Environmental Sciences

University of Kentucky, Lexington, KY

2007-2008 Postdoctoral Associate

Department of Geosciences VPI&SU, Blacksburg, VA

Publications

Edited Volumes

In Press

K. De Baets, J.W. Huntley (eds.). In Press. The Evolution and Fossil Record of Parasitism: Coevolution and Paleoparasitological Techniques. *Topics in Geobiology* vol. 50, Springer.

Published

K. De Baets, J.W. Huntley (eds.). 2021. The Evolution and Fossil Record of Parasitism: Identification and Macroevolution of Parasites. *Topics in Geobiology* vol. 49, Springer. Pp. 565. DOI: 10.1007/978-3-030-42484-8.

Peer-Reviewed Journal Articles and Book Chapters

(#student author; *corresponding author; **shared first authorship)

In Preparation

- **J.W. Huntley***, M.R. Ruga*, F.T. Fürsich, M. Alberti., M. Hethke, C. Liu. In Preparation A. The roles of temperature and biodiversity in trematode-bivalve parasite-host interactions in the Holocene Pearl River delta.
- A.A. Miller[#], S.M. Jacquet, E.P. Anderson, **J.W. Huntley**, J.D. Schiffbauer. In Preparation. Taxonomy, taphonomy, and ecology of Silurian (late Telychian) Conulariids from the Waukesha Lagerstätte, Wisconsin. *Journal of Systematic Palaeontology*.
- G.S. Jacobs[#], **J.W. Huntley***. In Preparation. Geochronology, taphonomy, ecology, and parasitism of late Holocene coastal bivalve assemblages Whidbey Island, Salish Sea, US.
- Y.R. Epa[#], R.W. Portell, **J.W. Huntley***. In Preparation. Is there a link between predation and parasitism in marine bivalves? A case study from the Plio-Pleistocene of Florida.

In Press

- De Baets, K.**, **J.W. Huntley****, D. Scarponi, A.A. Klompmaker, A. Skawina. In Press. Phanerozoic parasitism and marine metazoan diversity: Dilution versus amplification. *Philosophical Transactions of the Royal Society B*.
- J.W. Huntley*, K. De Baets, D. Scarponi, L.C. Linehan#, Y.R. Epa#, G.S. Jacobs#, J.A. Todd. In Press. Bivalve mollusks as hosts in the fossil record. In K. De Baets, J.W. Huntley (eds.). The Evolution and Fossil Record of Parasitism: Coevolution and Paleoparasitological Techniques. *Topics in Geobiology* vol. 50, Springer.
- De Baets*, K., J.W. Huntley, A.A. Klompmaker, J.D. Schiffbauer, A.D. Muscente. In Press. The fossil record of parasitism: Its extent and constraints on parasite evolution. In K. De Baets, J.W. Huntley (eds.). The Evolution and Fossil Record of Parasitism: Coevolution and Paleoparasitological Techniques. *Topics in Geobiology* vol. 50, Springer.

Published

- 34. **J.W. Huntley***, D. Scarponi*. 2021. Parasitism and host behavior in the context of a changing environment: The Holocene record of the commercially important bivalve *Chamelea gallina*, northern Italy. *PLoS ONE* 16(4): e0247790. https://doi.org/10.1371/journal.pone.0247790
- 33. Pulsipher, M.*, J.D. Schiffbauer*, M.J. Jeffrey*, **J.W. Huntley**, D.A. Fike, K.L. Shelton. 2021. A meta-analysis of the Steptoean positive carbon isotope excursion: The SPICEraq database. *Earth-Science Reviews* 212:103442. https://doi.org/10.1016/j.earscirev.2020.103442
- 32. Selly, T., J.D. Schiffbauer, S.M. Jacquet, E.F. Smith, L.L. Nelson, B.D. Andreasen, **J.W. Huntley**, M.A. Strange, G.R. O'Neil, C.A. Thater, N. Bykova, M. Steiner, B. Yang, Y. Cai. 2020. A new cloudinid fossil assemblage from the terminal Ediacaran of Nevada, USA. *Journal of Systematic Palaeontology* 18:357-379. http://dx.doi.org/10.1080/14772019.2019.1623333
- 31. Ruga, M.R.*, D.L. Meyer, **J.W. Huntley***. 2019. Conch fritters through time: Human predation and population demographics of *Lobatus gigas* on San Salvador Island, the Bahamas. *Palaios* 34:383-392. *Palaios paper of the year Honorable Mention* *Cover Article*
- 30. S.M. Jacquet, M.J. Betts, **J.W. Huntley**, G.A. Brock. 2019. Facies, phosphate, and fossil preservation potential across a Lower Cambrian carbonate shelf, Arrowie Basin, South Australia. *Palaeogeography*, *Palaeoclimatology*, *Palaeoecology* 533:109200. https://doi.org/10.1016/j.palaeo.2019.05.022
- 29. Klompmaker, A., P.H. Kelley, D. Chattopadhyay, J. Clements, **J.W. Huntley**, M. Kowalewski. 2019. Predation in the marine fossil record: Studies, data, recognition, environmental factors, and behavior. *Earth-Science Reviews* 194:472-520.
- 28. **Huntley, J.W.***, J.D. Schiffbauer, T.D. Avila[#], J.S. Broce[#]. 2018. Ecophenotypy, temporal and spatial fidelity, functional morphology, and physiological trade-offs among intertidal bivalves. *Paleobiology* 44:530-545. https://doi.org/10.1017/pab.2018.14
- 27. Selly, T.L.*, K.E. Hale*, J.D. Schiffbauer, D.A. Clapp*, **J.W. Huntley***. 2018. The influence of environmental gradients on molluscan diversity, community structure, body size, and predation in a carbonate tidal creek, San Salvador (The Bahamas). *American Journal of Science* 318:246-273.
- 26. Azzarone, M.*, P. Ferretti, V. Rossi, D. Scarponi, L. Capraro, P. Macrì, J.W. Huntley, C. Faranda. 2018. Early-Middle Pleistocene benthic turnover and oxygen isotope stratigraphy from the Central Mediterranean (Valle di Manche, Crotone Basin, Italy): Data and trends. *Data in Brief* 17:1099-1107.
- 25. **Huntley, J.W.***, T. Selly[#], K.L. Shelton, J.D. Schiffbauer. 2017. Trilobite Predation. *Access Science* McGraw-Hill Education. https://doi.org/10.1036/1097-8542.YB170022.
- 24. Soldati, A.**, J. Beem*, F. Gomez, **J.W. Huntley**, T. Robertson*, A. Whittington. 2017. Emplacement Dynamics and Timescale of a ~7ka Flow from the Cima Volcanic Field (CA): Insights from Rheology and Morphology. *Journal of Volcanology and Geothermal Research* 347:91-111.
- 23. Scarponi, D., M. Azzarone[#], M. Kowalewski, **J.W. Huntley***. 2017. Surges in trematode prevalence linked to centennial-scale flooding events in the Adriatic. *Scientific Reports*. Article number: 5732 doi:10.1038/s41598-017-05979-6.
- 22. Klompmaker, A.A.*, M. Kowalewski, **J.W. Huntley**, S. Finnegan. 2017. Increase in predator-prey size ratios throughout the Phanerozoic history of marine ecosystems. *Science* 356:1178-1180.
- 21. Muscente, A.D.*, J.D. Schiffbauer, J. Broce[#], M. Laflamme, K. O'Donnell, T.H. Boag, M. Meyer, A.D. Hawkins, **J.W. Huntley**, M. McNamara, L.A. MacKenzie, G.D. Stanley, Jr., N.W. Hinman, M.H. Hofmann, S. Xiao. 2017. Exceptionally preserved fossil assemblages and soft tissue preservation through geologic time and space. *Gondwana Research* 48:164-188.
- Schiffbauer, J.D.*, J.W. Huntley, D.A. Fike, M. Jeffrey*, J.M. Gregg, K.L. Shelton. 2017. Decoupling biogeochemical records, extinction, and environmental change in the Cambrian SPICE event. *Science Advances* 3:e1602158.
- 19. Schiffbauer, J.D.*, **J.W. Huntley**, G.R. O'Neil*, S.A.F. Darroch, M. Laflamme, Y. Cai. 2016. The latest Ediacaran wormworld fauna: Setting the ecological stage for the Cambrian Explosion. *GSA Today* 26(11):4-11.

- 18. Scarponi, D., G. Della Bella, B. Dell'Angelo, **J. W. Huntley**, M. Sosso. 2016. Middle Miocene Conoidea (Mollusca) from western Ukraine (Paratethys): Integrative taxonomy, palaeoclimatological and palaeobiogeographical implications. *Acta Palaeontologica Polonica* 61:327-344.
- 17. Selly, T.L.*, **J.W. Huntley**, K.L. Shelton, J.D. Schiffbauer*. 2016. Ichnofossil record of selective predation by Cambrian trilobites. *Palaeogeography*, *Palaeoclimatology*, *Palaeoecology* 444:28-38.
- 16. **Huntley, J.W.**, K. De Baets. 2015. Trace fossil evidence of trematode bivalve parasite host interactions in deep time. *Advances in Parasitology* 90:201-231.
- 15. **Huntley, J.W.**, D. Scarponi. 2015. Geographic variation of parasitic and predatory traces on mollusks in the northern Adriatic Sea, Italy: Implications for the stratigraphic paleobiology of biotic interactions. *Paleobiology* 41:134-153.
- 14. **Huntley, J.W.**, F.T. Fürsich, M. Alberti., M. Hethke, C. Liu. 2014. A complete Holocene record of trematode-bivalve infection and implications for the response of parasitism to climate change. *Proceedings of the National Academy of Sciences* 111:18150-18155. Featured in *Eos* vol. 95, no. 50, 16 December 2014. Featured in *Science* "Editor's Choice" vol. 346, issue 6216, p. 1478; 19 December 2014.
- 13. Scarponi, D., **J.W. Huntley**, L. Capraro, S. Raffi. 2014. Stratigraphic paleoecology of the Valle di Manche Section (Crotone Basin, Italy): A Candidate GSSP of the Middle Pleistocene. *Palaeogeography*, *Palaeoclimatology*, *Palaeoecology* 402:30-43.
- 12. Dexter, T.A., D.S. Kaufman, R.A. Krause, Jr., S.L. Barbour, M.G. Simoes, **J.W. Huntley**, Y. Yanes, C.S. Romanek, M. Kowalewski. 2014. A continuous multi-millennial record of surficial bivalve mollusk shells from the São Paulo Bight, Brazilian Shelf. *Quaternary Research* 81:274-283.
- 11. Tyler, C.L., L.R. Leighton, S.J. Carlson, **J.W. Huntley**, M. Kowalewski. 2013. Predation on modern and fossil brachiopods: Assessing chemical defenses and palatability. *Palaios* 28:724-735.
- 10. Ayoub-Hannaa, W., **J.W. Huntley**, F.T. Fürsich. 2013. Significance of Detrended Correspondence Analysis (DCA) in palaeoecology and biostratigraphy: A case study from the Upper Cretaceous of Egypt. *Journal of African Earth Sciences* 80:48-59.
- 9. **Huntley, J.W.**, D.S. Kaufman, M. Kowalewski, C.S. Romanek, R.J. Neves. 2012. Sub-centennial resolution amino acid geochronology for the freshwater mussel Lampsilis for the last 2000 years. *Quaternary Geochronology* 9:75-85.
- 8. **Huntley, J.W.**, D. Scarponi. 2012. Evolutionary and ecological implications of trematode parasitism of modern and fossil northern Adriatic bivalves. *Paleobiology* 38:40-51.
- 7. **Huntley, J.W.** 2011. Exploratory multivariate techniques and their utility for understanding ancient ecosystems, p.23-48. M. Laflamme, J.D. Schiffbauer, SQ Dornbos (eds.). *Quantifying the evolution of early life:* numerical approaches to the evaluation of fossils and ancient ecosystems. Topics in Geobiology: v. 36, Springer.
- 6. **Huntley, J.W.** 2009. Phanerozoic predation intensity and diversity, p.278-281. McGraw-Hill *Yearbook of Science and Technology* 2009.
- Huntley, J.W., Y. Yanes, M. Kowalewski, C. Castillo, A. Delgado-Huertas, M. Ibanez, M.R. Alonso, J.E. Ortiz, T. de Torres. 2008. Testing limiting similarity in Quaternary terrestrial gastropods. Paleobiology 34(3):378-388. Featured in *Science* "Editor's Choice" vol. 322 issue 5900, p. 348; 17 October 2008.
- 4. **Huntley, J.W.**, M. Kowalewski. 2007. Strong coupling of predation intensity and diversity in the Phanerozoic fossil record. *Proceedings of the National Academy of Sciences* 104:15006-15010. Article from the cover. Listed in Faculty of 1000 Biology.
- 3. **Huntley, J.W.** 2007. Towards establishing a modern baseline for paleopathology: trace-producing parasites in a bivalve host. *The Journal of Shellfish Research* 26:253-259.
- 2. **Huntley, J.W.**, S. Xiao, and M. Kowalewski. 2006. On the morphological history of Proterozoic and Cambrian acritarchs, p. 23-56. S. Xiao and A.J. Kaufman (eds.). *Neoproterozoic Geobiology and Paleobiology, Topics in Geobiology*: v. 27, Springer.
- 1. **Huntley, J.W.,** S. Xiao, and M. Kowalewski. 2006. 1.3 billion years of acritarch history: an empirical morphospace approach. *Precambrian Research* 144:52-68.

Abstracts *indicates presenting author, *indicates student abstract

- 79. Scarponi, D.*, J.W. Huntley. 2021. Parasitism and host behavior in the context of a changing environment: The Holocene record of the commercially important bivalve *Chamelea gallina*, northern Italy. Paleodays 2021. XXI Edizione delle Giornate di Paleontologia. Bologna, (14) 15-17 giugno 2021.
- 78. **Huntley, J.W.***, D. Scarponi. 2020. Stratigraphic macroecology of trematode parasitism of bivalves Holocene Po Plain, Italy. GSA Abstracts with Programs, vol. 52, no. 6.
- 77. Jacobs, G.S.**, **J.W. Huntley**. 2020. A date with *Nuttallia*: Biotic interactions, paleoecological change, and chronological complications in Quaternary Puget Sound. GSA Abstracts with Programs, vol. 52, no. 6.
- 76. Pulsipher, M.A.**, J.D. Schiffbauer, M.J. Jeffrey, **J.W. Huntley**, D.A. Fike, K.L. Shelton. 2020. Investigating the controls on the expression of the Steptoean Positive Carbon Isotope Excursion through meta-analysis. GSA Abstracts with Programs, vol. 52, no. 6.
- 75. Epa, Y.R.**, R.W. Portell, **J.W. Huntley**. 2020. Lack of correlation between predation and parasitism: Fussy drillers and picky parasites? GSA Abstracts with Programs, vol. 52, no. 6.
- 74. Miller, A.A.**, S.M. Jacquet, E.P. Anderson, **J.W. Huntley**, J.D. Schiffbauer. 2020. Ecology and taphonomy of Silurian conulariids from the Waukesha Lagerstätte, Wisconsin. GSA Abstracts with Programs, vol. 52, no. 6.
- 73. Anderson, E.P.*, **J.W. Huntley**, J.D. Schiffbauer. 2019. Crustaceans and chelicerates in catchments and craters: Soft-bodied preservation of the Lower Paleozoic Waukesha and Winneshiek biotas. GSA Abstracts with Programs, vol. 51, no. 5.
- 72. G.S. Jacobs**, J.D. Schiffbauer, T. Selly, **J.W. Huntley**. 2019. Residues vs radiograms: Biases in diagenesis and preparation of silicified fossils in limestone. GSA Abstracts with Programs, vol. 51, no. 5.
- 71. J.W. Huntley*, D. Scarponi, T. Scirocco, M. Ruga, P.E. Richardson, P. Heuer, Y. Ranjeev Epa. 2019. Why does trematode parasite prevalence surge during sea-level rise? GSA Abstracts with Programs, vol. 51, no. 5.
- 70. Richardson, P.E.*, D. Scarponi, T. Scirocco, J.W. Huntley. 2019. Parasitism of bivalves in the Lesina lagoon (Italy) as a modern analog for biotic interactions in the fossil record. GSA Abstracts with Programs, vol. 51, no. 5.
- 69. Pulsipher, M.*, J.D. Schiffbauer, **J.W. Huntley**, K.L. Shelton. 2019. Utilizing statistical analyses to investigate regional controls on the Cambrian SPICE event and its reliability as a global chronostratigraphic marker. GSA Abstracts with Programs vol. 51, no. 5.
- 68. **Huntley, J.W.***, K. De Baets, D. Scarponi, Y.R. Epa[#], G.S. Jacobs[#], Jon A. Todd. 2019. Escalating parasitism of bivalve mollusks in the Mesozoic. 11th North American Paleontological Convention Abstracts. Riverside, CA.
- 67. Soldati, A. et al. 2018. The effect of topography on the rheological and morphological evolution of basaltic lava flows. AGU Annual Meeting.
- 66. **Huntley, J.W.***, D.S. Scarponi. K. De Baets. 2018. Stowaways on ships that might pass in the night: Phanerozoic trends in parasitism of bivalves and brachiopods. GSA Abstracts with Programs, vol. 50, no. 6.
- 65. Jacobs, G.S.**, **J.W. Huntley**. 2018. Clams on ice: Glimpses of parasite-host interactions from Pleistocene shell beds of coastal Washington, USA. GSA Abstracts with Programs, vol. 50, no. 6.
- 64. Epa, Y.R.**, R.W. Portell, **J.W. Huntley**. 2018. Is there a link between parasitism, kleptoparasitism, and predation in marine bivalves? A case study from the Plio-Pleistocene of northeastern Florida. GSA Abstracts with Programs, vol. 50, no. 6.
- 63. Selly, T.**, J.D. Schiffbauer, S.M. Jacquet, M.A. Strange, G.R. O'Neil, B.D. Andreasen, Y. Cai, **J.W. Huntley**, C.A. Thater, L. Nelson, E.F. Smith. 2018. Taxonomic evaluation of a tubular assemblage from the terminal Ediacaran of Nevada. GSA Abstracts with Programs, vol. 50, no. 6.
- 62. **Huntley, J.W.** 2018. Escalation of parasitism from Cambrian roots to modern ecosystems. International Conference on Ediacaran and Cambrian Sciences. 12th-16th August, 2018. Xi'an, China.
- 61. Ruga, M.R. ***, **J.W. Huntley**, M. Glascock. 2018. Trace element analysis of two Holocene bivalve taxa, *Cyrenodonax formosana* and *Potamocorbula amurensis*, as proxies for temperature and productivity in the Pearl River delta, China. GSA Abstracts with Programs, vol. 50, no. 4
- 60. **Huntley, J.W.***, L.C. Linehan[#], K. De Baets. 2017. Phanerozoic trends in parasite-host interactions among common marine benthos: Mounting risk or spurious consequence of a biased record? GSA Abstracts with Programs vol. 49, no. 6.
- 59. Ruga, M.R. ***, **J.W. Huntley**. 2017. Conch fritters through time: Human predation and population demographics of *Strombus gigas*, San Salvador Island, Bahamas. GSA Abstracts with Programs vol. 49, no. 6.
- 58. Jeffrey, M.J.***, **J.W. Huntley**, J.D. Schiffbauer, D.A. Fike, K.L. Shelton. 2017. Influences of environmental variation and sedimentation rate on the recording of the Steptoean Positive Carbon Isotope Excursion (SPICE) in Missouri. GSA Abstracts with Programs vol. 49, no. 6.
- 57. Soldati, A.**, J. Beem, F. Gomez, **J.W. Huntley**, T. Robertson, A. Whittington. 2017. Emplacement dynamics and timescale of a Holocene flow from the Cima Volcanic Field (CA): Insights from rheology and morphology. GSA Abstracts with Programs vol. 49, no. 6.
- 56. Scarponi, D.*, **J.W. Huntley**, et al. 2017. Parasites and Holocene sea-level rise: Recurrent upsurges in trematode infestation linked to repeated flooding events in the Adriatic Sea. EGU General Assembly.
- 55. Scarponi, D.*, **J.W. Huntley**, M. Azzarone, T. Scirocco. 2016. Repeated association of sea-level rise and trematodes documented in the Holocene Po plain succession (Italy). LAGUNET 2016: Italian Network Congress for the Lagoon Research, Lesina, Foggia, Italy.
- 54. Azzarone, M., J.W. Huntley, D. Scarponi, L.C. Linehan#, M. Kowalewski. 2016. Changes in trematode infestation rates across parasequences: Insights from Holocene deposits of the Po coastal plain, Italy. GSA Abstracts with Programs vol. 48, no. 7.
- 53. Jeffrey, M.J.**, **J.W. Huntley**, J.D. Schiffbauer, D.A. Fike, K.L. Shelton. 2016. Stratigraphic variation of the SPICE event in upper Cambrian carbonates of southern Missouri. GSA Abstracts with Programs vol. 48, no. 7.
- 52. Klompmaker, A.A.*, M. Kowalewski, **J.W. Huntley**, S. Finnegan. 2016. Increasing size of drilling predators throughout the history of metazoan ecosystems. GSA Abstracts with Programs vol. 48, no. 7.

- 51. Linehan, L.C. ***, J.W. Huntley. 2016. Parasitism in marine ecosystems through geologic time. GSA Abstracts with Programs vol. 48, no. 7.
- 50. Muscente, A.D.*, M. Laflamme, J.D. Schiffbauer, J.S. Broce, K.H. O'Donnell, T.H. Boag, M. Meyer, A.D. Hawkins, **J.W. Huntley**, S. Xiao. 2016. Exceptionally preserved fossil assemblages through geologic time and space. GSA Abstracts with Programs vol. 48, no. 7.
- 49. O'Neil, G.R. ***, J.D. Schiffbauer, **J.W. Huntley**, Y. Cai. 2016. The importance of biotic interactions in shaping Ediacaran benthic communities: A comparative case study of the Gaojiashan and Mistaken Point biotas. GSA Abstracts with Programs vol. 48, no. 7.
- 48. Schiffbauer, J.D.*, **J.W. Huntley**, D.A. Fike, M.J. Jeffrey[#], J.M. Gregg, K.L. Shelton. 2016. Decoupling excursions, extinctions, and environmental change: The time-transgressive and facies-dependent Cambrian SPICE event. GSA Abstracts with Programs vol. 48, no. 7.
- 47. Selly, T.*, K.E. Hale*, D.A. Clapp*, J.D. Schiffbauer, **J.W. Huntley***. 2016. Environmental gradients in a tidal carbonate lagoon (Pigeon Creek, San Salvador Island, Bahamas) and their relationship to molluscan diversity, body size, and predator-prey interactions. GSA Abstracts with Programs vol. 48, no. 7.
- 46. Selly, T.**, J.D. Schiffbauer, **J.W. Huntley.** 2016. Drilling predation and taphonomy of gastropods along environmental gradients, San Salvador, Bahamas. GSA Abstracts with Programs vol. 48, no. 5.
- 45. Schiffbauer, J.D.*, K.L. Shelton, **J.W. Huntley**, D.A. Fike, J.M. Gregg. 2016. Recognition of SPICE in the upper Cambrian of southern Missouri: Interaction of local and global carbon factories. Gordon Research Conference Geobiology: Reconstructing processes from genes to the geologic record. Galveston, TX.
- 44. **Huntley, J.W.***, K. De Baets, D. Scarponi. 2015. The trace fossil record of trematode-bivalve parasite-host interactions. GSA Abstracts with Programs vol. 47, no. 7.
- 43. Scarponi, D.*, M. Azzarone, **J.W. Huntley**. 2015. Holocene record of trematode-bivalve interaction in regressive back-barrier settings of the Po Plain (Italy). GSA Abstracts with Programs vol. 47, no. 7.
- 42. Hale, K.E.**, **J.W. Huntley**, D. Scarponi, R.P. Stuart III*. 2015. *Tapes phillipinarum* as an archive of heavy metal pollution in lagoons of the northern Adriatic coast, Italy: A bivalve sclerochemical approach. GSA Abstracts with Programs vol. 47, no. 7.
- 41. O'Neil, G.E. ***, J.W. Huntley, J.D. Schiffbauer. 2015. Evolutionary and ecological implications of body size dynamics of Ediacara organisms. GSA Abstracts with Programs vol. 47, no. 7.
- 40. Schiffbauer, J.D.*, K.L. Shelton, **J.W. Huntley**, D.A. Fike, J.M. Gregg. 2015. Recognition of SPICE and other carbon isotope excursions in the Upper Cambrian of southern Missouri: Interaction of local and global carbon factories. GSA Abstracts with Programs vol. 47, no. 7.
- 39. Selly, T.**, J.W. Huntley, K.L. Shelton, J.D. Schiffbauer. 2015. Caught in the act: Ichnofossil record of selective predation by Cambrian trilobites. GSA Abstracts with Programs vol. 47, no. 7.
- 38. Scarponi, D.*, L. Angeletti, M. Taviani, J.W. Huntley, A. Amorosi, A. Negri, G. B. Vai. 2015. Stratigraphic Paleobiology of the Taranto Area. Geophysical Research Abstracts, vol. 17, EGU2015-9275, EGU General Assembly 2015.
- 37. Selly, T.L.*, J.D. Schiffbauer, J.W. Huntley. 2015. Quantitative taphonomic assessment of *Anomalocaris* from middle Cambrian shales of the southwestern United States. Central States Microscopy and Microanalysis Society Spring Meeting, Columbia, MO, March 2015.
- 36. Schiffbauer, J.D., T. Selly, **J.W. Huntley**, K.L. Shelton. 2015. Trilobite hunting (?) grounds of the Cambrian Davis Formation, southeastern Missouri. GSA Abstracts with Programs, vol. 47, no. 2.
- 35. **Huntley, J.W.***, F. T. Fürsich, M. Alberti, M. Hethke, C. Liu. 2014. A complete Holocene record of trematode prevalence from the Pearl River Delta, China: Implications for global change and the future of disease. GSA Abstracts with Programs, vol. 46, no. 6.
- 34. Selly, T.*, J. D. Schiffbauer, **J. W. Huntley**. 2014. Quantitative taphonomic assessment of *Anomalocaris* from Middle Cambrian shales of the southwestern United States. GSA Abstracts with Programs, vol. 46, no. 6.
- 33. **Huntley, J.W.***, D. Scarponi. 2014. Stratigraphic paleobiology of trematode parasites and bivalve hosts. 10th North American Paleontological Convention Abstracts. Gainesville, FL.
- 32. Scarponi, D.*, **J.W. Huntley**, L. Capraro. 2014. Stratigraphic paleoecology of the Valle di Manche section (Crotone Basin, Italy): a candidate GSSP of the Middle Pleistocene. 10th North American Paleontological Convention Abstracts. Gainesville, FL.
- 31. **Huntley, J.W.***, D. Scarponi, F.T. Fürsich. 2013. Viewing temporal trends of biotic interactions in the light of spatial variation: parasite prevalence in modern northern Adriatic bivalves. GSA Abstracts with Programs, vol. 45, no. 7.
- 30. Harris, J.M.#, **J.W. Huntley**. 2013. Quantifying ecophenotypic variation and taphonomic bias in the morphology of sub-fossil *Crepidula fornicata* from Cape Cod, Massachusetts, USA. GSA Abstracts with Programs, vol. 45, no. 7.
- 29. Dexter, T.A.*, D.S. Kaufman, R.A. Krause, Jr., S.L. Barbour, M.G. Simoes, J.W. Huntley, Y. Yanes, C.S. Romanek, M. Kowalewski. 2013. A continuous multi-millennial record of surficial bivalve mollusk shells from the São Paulo Bight, Brazilian Shelf. GSA Abstracts with Programs, vol. 45, no. 7.
- 28. Dexter, T.A.*, D.S. Kaufman, R.A. Krause, Jr., C.S. Romanek, Y. Yanes, J.W. Huntley, M. Simoes. 2013. Bathymetric variation in time-averaging across a modern shelf. GSA Abstracts with Programs, vol. 45, no. 2.
- 27. **Huntley, J.W.***, J.D. Schiffbauer. 2012. Proposed skeletal repair and accretionary growth of an enigmatic Ediacaran organism, Albemarle Group, North Carolina. GSA Abstracts with Programs, vol. 44, no. 7.
- Huntley, J.W.*, D. Scarponi. 2011. Trematode parasitism of modern and fossil northern Adriatic bivalves. GSA Abstracts with Programs, vol. 43, no. 5.
- 25. **Huntley, J.W.**, D. Scarponi. 2011. Sequence stratigraphic, evolutionary, and ecological implications of trematode parasitism of Holocene northern Adriatic bivalves. Geoitalia 2011: VIII Forum Italiano di Scienze della Terra, Torino.
- 24. Kowalewski, M.*, T.A. Dexter, D.S. Kaufman, R.A. Krause, Jr., S.L. Barbour Wood, M.G. Simoes, J.W.

 Huntley, Y. Yanes, C.S. Romanek. 2011. A multi-millennial record provided by amino-acid dated bivalve shells from the southern
 Brazilian shelf. GSA Abstracts with Programs, vol. 43, no. 2.

- 23. Tyler, C.L.*, L.R. Leighton, S.J. Carlson, **J.W. Huntley**, R.A. Krause, Jr., M. Kowalewski. 2010.

 Brachiopods as acceptable prey: predation on modern and fossil brachiopods. GSA Abstracts with Programs, vol. 42, no. 5.
- Huntley, J.W.*, D. Scarponi. 2010. Evolutionary and ecological implications of trematode parasitism of modern and fossil northern Adriatic bivalves. Jahrestagung der Paläontologischen Gesellschaft 2010.
- 21. Huntley, J.W.* 2009. Organismal interactions in deep time: elucidating the fossil record of parasitism in mollusks. Alexander von Humboldt Stiftung, Abstracts Netzwerktagung Heidelberg: 24-26 November 2009, p. 40.
- 20. Dexter, T.A.*, Y. Yanes, J.W. Huntley, R.A. Krause, Jr., D.S. Kaufman, C.S. Romanek, M. Kowalewski, M.G. Simoes, S.L. Barbour Wood. 2009. Reconstructing paleo-environmental conditions using the bivalve *Semele casali* from Ubatuba Bay, Brazil. GSA Abstracts with Programs, vol. 41, no. 7.
- 19. Tyler, C.L.*, L.R. Leighton, S.J. Carlson, J.W. Huntley, R.A. Krause, Jr., M. Kowalewski. 2009. The well-defended brachiopod: you don't have to taste bad to live well. GSA Abstracts with Programs, vol.
 41 no. 7
- 18. **Huntley, J.W.***, Y. Yanes, M. Kowalewski. 2009. Body size distributions as a means to test for the evolutionary importance of competition among terrestrial gastropod species. 9th North American Paleontological Convention Abstracts, p. 37-38. Cincinnati, OH.
- 17. **Huntley, J.W.***, R.A. Krause, Jr., C.S. Romanek, D. Kaufman, M. Kowalewski, S. Barbour Wood, M. Simoes. 2008. Upwelling and freshwater runoff events recorded in the Brazilian bivalve Semele casali. GSA Abstracts with Programs, vol. 40, no. 6.
- 16. Xiao, S.*, L. Dong, **J.W. Huntley**, B. Shen, M. Kowalewski. 2008. Quantitative analysis of Precambrian fossils. GSA Abstracts with Programs, vol. 40, no. 6.
- Kowalewski, M.* and J.W. Huntley. 2008. The Phanerozoic fossil record of predation traces. Ichnia 2008.
- 14. Leighton, L.R.*, **J.W. Huntley**, R.A. Krause, Jr., M. Kowalewski, and S.J. Carlson. 2008. How tasty are brachiopods? Examining predation on a "refugia" taxon. Ecological Society of America, Annual Meeting.
- Huntley, J.W.*, R.A. Krause, Jr., M. Kowalewski, C.S. Romanek, D.S. Kaufman, M.G. Simoes. 2007.
 Relating productivity events to Holocene bivalve shell growth rates. Eos Trans. AGU, 88 (52), Fall Meet. Suppl., Abstract PP31C-0542.
- 12. Kowalewski, M.* and J.W. Huntley. 2007. The fossil record of predation: a quantitative overview. GSA Abstracts with Programs, vol. 39, no. 6.
- 11. Krause, Jr., R.A., J.W. Huntley*, M. Kowalewski, C.S. Romanek, D.S. Kaufman, M.G. Simoes. 2007. Assessing environmental factors associated with changes in the growth rate of *Semele casali* through the Holocene. First International Sclerochronology Conference, St. Petersburg, Florida, USA.
- Huntley, J.W.*, M. Kowalewski. 2007. 550 million years of drilling predation: initial results from a species-level predation database. GSA Abstracts with Programs, vol. 39, no. 2.
- 9. **Huntley, J.W.***, Y. Yanes, M. Kowalewski. 2006. A tale of two snails: testing limiting similarity in Quaternary *Theba*. GSA Abstracts with Programs, vol. 38, no. 7.
- 8. Xiao, S.*, L. Dong, **J.W. Huntley**, M. Kowalewski. 2006. Proterozoic evolution of photosynthetic eukaryotes: a primer for Proterozoic evolution of ocean and atmospheric redox state. GSA Abstracts with Programs, vol. 38, no. 7.
- 7. **Huntley, J.W.*** 2006. A modern baseline for paleopathology: documenting a diverse trace-producing parasite fauna in live-collected bivalves. GSA Abstracts with Programs, vol. 38, no. 3.
- 6. **Huntley, J.W.***, C.S. Romanek, M. Kowalewski, and M.E. Brown. 2005. Variations in the Hg and N content of shells from freshwater mussels exposed to Hg contamination. GSA Abstracts with Programs, vol. 37, no.7.
- 5. **Huntley, J.W.***, S. Xiao, and M. Kowalewski. 2004. Trends in body-size and morphological disparity of Proterozoic through middle Cambrian acritarchs: a literature-based approach. GSA Abstracts with Programs, vol. 36, no. 5.
- 4. Huntley, J.W.*, S. Xiao, and M. Kowalewski. 2004. Secular patterns in morphological disparity and body size of acritarchs through the Neoproterozoic and early Cambrian. GSA Abstracts with Programs, vol. 36, no. 2.
- 3. **Huntley, J.W.*** and P.H. Kelley. 2003. Evolution of predation-related characters in Miocene through Pleistocene Atlantic coastal plain corbulids and lucinids. GSA Abstracts with Programs, vol. 35, no. 1.
- 2. Pierson, J.A.*, J.W. Huntley, S. Kezios, K. Shafer, and W.B. Harris. 2003. An interactive groundwater model for middle schools. GSA Abstracts with Programs, vol. 35, no 1.
- 1. Kelley, P.H., M.A. Crump, **J.W. Huntley***, H.M. Key, K.A. Nelson, and J.A. Pierson. 2002. Paleoecology of the Waccamaw Formation (Plio-Pleistocene) near Old Dock, Columbus County, North Carolina. GSA Abstracts with Programs, vol. 34, no. 2.

Teaching Experience

University of Missouri: Principles of Geology (5), Geology of the MU Columns (4), Historical Geology (6),

Patterns and Processes in the Fossil Record (undergraduate/graduate), Research Methods and Writing in the Geosciences (1; graduate), Quantitative Paleobiology (3; graduate),

Advanced Paleontology (2; graduate), R for Geoscientists (1; graduate)

St. Lawrence University: Invertebrate Paleontology, Paleoecology, Evolution & Extinction, Dinosaurs, The

Evolving Earth, History of Geology in the United Kingdom, The Dynamic Earth Laboratory, and SYE: Biodiversity of Marine Invertebrates in Deep Time

University of Kentucky: Historical Geology, Earthquakes & Volcanoes, Sustainable Planet: The Geology of

Natural Resources

Duke University TIP: Geologic Adventures along the Appalachian Trail and Paleontology (summer course at

introductory undergraduate level for academically-gifted middle and high school students

from diverse socio- economic backgrounds)

Friday Harbor Labs (TA): Predator-Prey Interactions: Experimental and Field Approaches (Graduate-level

course)

VPI&SU (TA): Paleontology Laboratory, Earth and Life through Time Laboratory, Physical Geology

Laboratory, and Resources Geology (Lecture Assistant)

NSF GK-12 Fellow: Served as resource and mentor for socio-economically diverse middle school students in

science class, produced inquiry-based science lessons and activities, aided middle school

science teacher with lesson plans and activities for class

UNC-Wilmington (TA): Invertebrate Paleontology Laboratory, Stratigraphy Laboratory, Physical Geology

Laboratory, and Physical Geography Laboratory

NC Summer Ventures (TA): Oceanography. Responsibilities: aid academically-gifted high school students

from diverse socio-economic backgrounds with research project design and logistics

ASU (TA): Physical Geology Laboratory

Post-Doc/Graduate Student Advising

Post-Doc Advisor

2017-2019 Dr. Sarah Jacquet (co-advised with Jim Schiffbauer)

Graduate Advisor

2020-presentDelaney Ryan (MS)2017-presentRanjeev Epa (PhD)2017-presentGabriel Jacobs (PhD)

2016-2018 Mikaela Ruga (MS; successfully defended April 5, 2018)

2015-2017 Matthew Jeffrey (MS; co-advised with Kevin Shelton; successfully defended June 21, 2017)

2015-2017 Liane Linehan (MS; successfully completed June 14, 2017) 2014-2016 Kelly Hale (MS; successfully defended April 19, 2016)

Graduate Committee Member

2020-present	Mikaela Pulsipher (PhD), Mizzou Geology
2020-present	April Miller (MS), Mizzou Geology
2020-present	Amelia Lindsay-Kaufman (MS), Mizzou Geology
2020-present	Kimberly Moore (PhD), Mizzou Geology
2021-2021	Philippe Bauchau (MS), Mizzou Geology
2018-present	Stephanie Rosbach (PhD), Mizzou Geology
2017-present	Stuart Kenderes (PhD), Mizzou Geology
2013-2019	Shannon Haynes (PhD), Mizzou Geology
2018-2020	Mikaela Pulsipher (MS), Mizzou Geology
2016-2018	Stephanie Rosbach (MS), Mizzou Geology
2015-2018	Tara Selly (PhD), Mizzou Geology
2015-2018	Andrew Krug (MS), Mizzou Anthropology
2013-2018	Jesse Broce (PhD), Mizzou Geology
2016-2017	Kate Ferguson (MS), Mizzou Geology
2015-2016	Page Quinton (PhD), Mizzou Geology
2014-2016	Gretchen O'Neil (MS), Mizzou Geology
2013-2015	Tara Selly (MS), Mizzou Geology

PhD Qualifying Exam Committee Member

2020	Kimberly Moore (PhD), Mizzou Geology
2017	Stuart Kenderes (PhD), Mizzou Geology
2016-17	George Davis (PhD), Mizzou Geology
2016	Tara Selly (PhD), Mizzou Geology

Undergraduate Student Advising

McNair Scholar Advisor

2014-15 Ronald Stuart

Undergraduate Research Advisor

2018-present	Pate Richardson
	- ~

2015-16 James Smith (co-advised with Jim Schiffbauer)

2015-16 Giselle Castaneda-Huerta

2014-15 Teresa Avila (co-advised with Jim Schiffbauer)

Professional Development

2	017	Safe Space Training. LGBTQ Resource Center, University of Missouri. November 29, 2017.
2	013	St. Lawrence University Winter Institute: Visual Ethnography: Teaching and Modeling
		Ethical Behavior; Implementing the New Diversity Learning Goals; Teaching and Assessing Fig.

First

Year Writing: Challenges and Rewards; Advising for the New Curriculum; Meeting the

Environmental Literacy Learning Goals. January 14-15, 2013.

On the Cutting Edge - Professional Development for Geoscience Faculty, Early Career 2012

Geoscience Faculty: Teaching, Research, and Managing Your Career. College of William and

Mary, Williamsburg, VA, June 10-14, 2012.

Invited Lectures/Presentations

invited Lecture	8/1 resentations
2021	Virginia Tech, Geobiology/Sedimentology/Stratigraphy Seminar (March 25)
2019	9th Bonn Humboldt Award Winners' Forum, Frontiers in Biogeography, Ecology, Anthropology,
	and Evolution: Humboldt and the 'Cosmos' revisited in the 21st Century, Alexander von
	Humboldt Foundation/Hotel Bristol, Bonn (16-20 October)
2019	Beyond Campus: M-I-Z in KC 2019, Museum at Prairiefire, Five Hundred Million Years of Death
	and Destruction (September 17)
2019	Murray State University, Department of Earth and Environmental Sciences (April 26)
2018	Friedrich-Alexander-Universität, Fachgruppe Paläoumwelt, Macroecology Seminar (May 30)
2017	University of Missouri, Host/Pathogen/Symbiont Discussion Group (September 12)
2017	University of Delaware, Department of Geological Sciences (April 27)
2017	Missouri University of Science and Technology, Department of Geosciences (March 20)
2017	Humboldt Colloquium–Global Research in the 21st Century: Perspectives of the U.S. Humboldt
	Network; Washington D.C, USA (March 2-4)
2016	Vanderbilt University, Department of Earth and Environmental Sciences (November 11)
2016	Missouri State University, Department of Geography, Geology, and Planning (October 7)
2015	University of Missouri, Ecology and Evolutionary Biology (October 21)
2014	Friedrich-Alexander-Universität, Fachgruppe Paläoumwelt (June 3)
2013	University of Cincinnati, Department of Geology (Nov. 15)
2013	American University of Paris, Department of Computer Science, Math, and Science
2013	St. Lawrence University, Department of Geology
2013	University of Missouri, Department of Geological Sciences
2011	St. Lawrence University, Department of Geology
2010	Western Carolina University, Department of Geosciences and Natural Resources
2009	Vanderbilt University, Department of Earth and Environmental Sciences
2008	University of Kentucky, Rast-Holbrook Lecture Series
2008	Mercer University, Department of Earth and Environmental Science
2008	Bucknell University, Department of Geology

Fellowships, Grants, and Awards

External Funding Agencies

Funded:	
2018	Funded: Renewed Research Stay, Alexander von Humboldt Stiftung, The Phanerozoic history of
	parasite-host interactions in two parts: Manuscript preparation and Co-editing Dual Special
	<i>Volumes</i> , €3,400
2017-2022	Funded: NSF CAREER, NSF EAR – Sedimentary Geology & Paleobiology, CAREER: Parasites,
	sea level rise, and ecosystem dynamics: Investigating the pattern and process of increasing
	trematode prevalence during transgression, \$522,321. PI Huntley
2016	Funded: ISA (Istituto di Studi Superiori) Senior Visiting Fellow at the Institute for Advanced
	Studies, University of Bologna, Italy, Complex-life cycle parasites and climate change:
	Elucidating the pattern and process of increasing trematode prevalence and sea level rise over
	multi-millennial time scales
2014	Funded: Renewed Research Stay Grant, Alexander von Humboldt Stiftung, The fossil record of
	trematode parasitism: what do we know and what questions should we be asking?, €6,300
2009-11	Funded: Humboldt Research Fellowship, Alexander von Humboldt Stiftung, Germany,

Documenting Parasite-Host Interactions in Deep Time, €81,204

Declined:	
2020-2022	Declined : New Directions Grant, Petroleum Research Fund, American Chemical Society, <i>Origin</i>
	of Replacement Silica in the Upper Ordovician Edinburg Formation: Elucidating Diagenetic
2010 2022	Processes in Foreland Basin Settings, \$110,000. PI Huntley
2019-2022	Declined : NSF EAR – Sedimentary Geology and Paleobiology, <i>Parasitism and mass extinction</i> :
	How were parasite prevalence, host specificity, and host longevity shaped in time and space by Pliocene-Pleistocene molluscan host turnover?, \$337,436. PI Huntley
2017-2020	Declined: NSF EAR – Sedimentary Geology & Paleobiology, <i>Collaborative Research: Ecological</i>
2017-2020	Revolution and Biotic Turnover: Disentangling the Stratigraphic, Taphonomic, and
	Paleoecological Threads of the Ediacaran Cambrian Transition. Collaborative effort with Emily
	Smith (Johns Hopkins), Simon A.F. Darroch (Vanderbilt), and James D. Schiffbauer (University
	of Missouri). \$730,770 Total Project Budget, \$162,796 MU Direct, \$84,089 MU Indirect, PI.
2016-2018	Declined: New Directions Grant, Petroleum Research Fund, American Chemical Society, <i>Testing</i>
2010 2010	the temporal and spatial dynamics of a global carbon isotope excursion across a
	depth gradient: SPICE, mass extinction, and chemostratigraphic correlation in the upper
	Cambrian, \$110,000. PI Huntley
2016-2019	Declined: NSF EAR – Sedimentary Geology & Paleobiology, <i>Parasites, climate change, and sea</i>
	level rise: Investigating the pattern and process of increasing trematode prevalence during
	transgression, \$302,301. PI Huntley
2015-2017	Declined: U.SEgypt Joint Board on Scientific and Technological Cooperation, Conservation of
	the Nile-Delta-lakes; response of macrobenthic communities to the environmental deterioration,
	\$376,273 (MU share – \$193,353). PI Huntley, Co-PI Abdelhady
2015-18	Declined: NSF EAR - Sedimentary Geology & Paleobiology, Escalation in the Terminal
	Ediacaran and the death of competition on the sea floor, \$359,968. PI Schiffbauer, Co-PI Huntley
2015-20	Declined: NSF CAREER, NSF EAR - Sedimentary Geology & Paleobiology, The Origin,
	Evolution, and Ecological Context of Trematode-Bivalve Parasite-Host Interactions, \$589,780.
2014-16	Declined: Doctoral New Investigator Grant, Petroleum Research Fund, American Chemical
	Society, Integrating Trace Fossils and Stratigraphic Paleobiology: Parasitic Traces on Bivalves
	as Indicators of Water Depth and Sequence Stratigraphic Architecture, \$110,000
Internal Univ	versity Grants
Funded:	
2020-21	Funded: Research Leave, University of Missouri, College of Arts and Science, Exceptionally
	preserved fossils elucidate the early evolution of complex life cycle parasites.
2016	Funded: Faculty International Travel Award, Research Council, University of Missouri, Complex-
	life cycle parasites and climate change: Elucidating the pattern and process of increasing
	trematode prevalence and sea level rise over multi-millennial time scales, \$2,000
2014-15	Funded: Summer Research Fellowship and Research Budget, Research Council, University of
	Missouri, From clams to climate: utilizing fossil mollusk assemblages from the Apennine

Mountains to Resolve Sea Level and Climate Change through Time, \$14,500

Dawn of Animal Life in the American South, \$600

Florida during the last 2,000,000 years, \$500

2012-13

2011-12

2011-12

Funded: Instructional Mini-Grant, St. Lawrence University, Evolution of benthic marine

Funded: Scholarly Development Award (Small Grant), St. Lawrence University, Investigating the

Funded: Instructional Mini-Grant, St. Lawrence University, Incorporating scholarly research in

the classroom: analyzing the ecology and evolution of the shallow marine benthos of northern

environments during the Miocene: specimen-based research in the classroom, \$500

Declined:

2016 **Declined:** Richard Wallace Faculty Incentive Grant, Mizzou Alumni Association, *Parasites*,

climate change, and sea level rise: Why are coastal parasitic flatworms more prevalent during sea

level rise?, \$4,000.

Awards and Other Honors

2018 Provost's Outstanding Junior Faculty Research and Creative Activity Award, University of

Missouri

2016 Senior Visiting Fellow at the Institute for Advanced Studies, University of Bologna, Italy
2009 Outstanding Seminar Presentation, Rast-Holbrook Lecture Series, University of Kentucky
2008 Featured in student research grant highlights for the centennial celebration of the Paleontological

Society

Department Service

2020-present Mizzou Geology: Department Bylaws Update Committee

2020-present Mizzou Geology: Course Scheduler 2019-present Mizzou Geology: Curriculum Committee

2019-present Mizzou Geology: Promotion and Tenure Document Update Committee

2019-present Mizzou Geology: Visiting Assistant Professor Mineralogy/Petrology Search Committee

2018-present Mizzou Geology: Department Code of Conduct Statement, Chair

2015-present Mizzou Geology: Computing Facility Committee 2014-present Mizzou Geology: Colloquium Committee, Chair

2013-present Mizzou Geology: Richard P. Frey Memorial Paleontology Fund Committee

2013-present Mizzou Geology: Wallace B. Howe Fellowship Committee

2013-present Mizzou Geology: Ernest J. Palmer Memorial Scholarship Committee

2013-present Mizzou Geology: Carl B. Rexroad Scholarship Committee 2015-2018 Mizzou Geology: Graduate Admissions Committee

2014-2018 Mizzou Geology: Salary Advisory Committee (and Committee on Faculty Responsibility)

2011-2013 SLU Geology: Academic Advisor (number of advisees: 5)

University Service

2019	Panel Member, Managing the Advisor/Advisee Relationship, Graduate Education Week
2019	Committee Member, Provost's Outstanding Junior Faculty Research and Creative Activity Award
2017	Reviewer for MU Research Board Proposal (April)
2017	Campus-level reviewer of MU letters of intent, NSF Inclusion across the Nation of Communities
	of Learners of Underrepresented Discoverers in Engineering and Science (INCLUDES)
2017	Faculty Advisor, CV Docs, Reviewed and advised graduate students on their CV (March 15)
2016	Faculty Advisor, CV Docs, Reviewed and advised graduate students on their CV (October 26)
2016	Instructor, Evolution Bootcamp, Evolutionary Studies Group (01-12-2016)
2014-present	University of Missouri, Evolutionary Studies Group, Colloquium Committee

St. Lawrence University: Assistant Marshal at Commencement

Professional Service

2012

Editorial Board Memberships

2020-present Paleobiology, Associate Editor 2017-present Palaios, Associate Editor

National Science Foundation

2019 NSF EAR Virtual Panel

Professional Society Service

2018 Analytical Paleobiology Summer Course (sponsored by the Paleontological Society), Reviewer of

Graduate Student Applications

2015-2017 Geobiology & Geomicrobiology Division Representative for the Geological Society of America

External Awards Committee

2016 Graduate Women in Science National Fellowship Program, Reviewer

2014-2016 Paleontological Society Student Grant Review Panel Member

Peer Review

Journals

Acta Palaeontologica Polonica

Advances in Parasitology

Bolletino della Societa Paleontologica Italiana

Evolution

Facies

Geobiology

Geology

Journal of Shellfish Research

Journal of Paleontology

Journal of the Marine Biological Association of the United Kingdom

Marine Ecology Progress Series

Marine Pollution Bulletin

Palaeogeography, Palaeoclimatology, Palaeoecology

Palaios

Paleobiology

Precambrian Research

Royal Society Open Science

Southeastern Geology

The Science of Nature (Naturwissenschaften)

Book Chapters

W. Miller III (ed.). 2007. Trace Fossils: Concepts, Problems, Prospects. Elsevier Science.

M. Laflamme, J.D. Schiffbauer, SQ Dornbos (eds.). 2011. Quantifying the evolution of early life: numerical approaches to the evaluation of fossils and ancient ecosystems. Topics in Geobiology: v. 36, Springer

Text Book Proposals

Cambridge University Press

Research Grant Proposals

National Science Foundation: Sedimentary Geology and Paleobiology Petroleum Research Fund - New Directions Proposal (February 2015)

Graduate Women in Science Fellowship (April 2011) National Science Foundation: Ecological Biology Cluster

Professional Meetings

- Session convener and chair: Sunday November 1, 2015, The Fossil Record of Parasite-Host Interactions: New Perspectives and Approaches, Annual Meeting of the Geological Society of America, Baltimore, MD, Co-convener and co-chair: Kenneth De Baets
- Session Chair: Friday March 30, 2007, Paleontological Potpourri, Southeast Section Meeting of the Geological Society of America, Savannah, GA, Co-Chair: Anthony J. Martin
- Session Chair: Friday March 26, 2004, Pre-Cenozoic Paleontology, Joint Meeting of the Southeast and Northeast Sections of the Geological Society of America, Tysons Corner, VA, Co-Chair Lisa Berrios

Educational Outreach

- Class presentation on geologic time at Geological Sciences Building, South Callaway Elementary 2nd grade classes, April 23, 2019.
- Guest speaker, Honors College Science Class, University of Missouri, December 7, 2017. Discussed evolutionary paleoecology.
- Faculty advisor, MUGGS renovation and repair of interpretive geology display near the Martin Luther King Jr. Memorial Battle Gardens entrance to the MKT trail in cooperation with members of the community and Columbia Parks and Recreation, October 14, 2017.
- Career day speaker, March 9, 2017, Kindergarten classes (Mrs. Rhonda Hafner), Parkade Elementary School, Columbia, MO
- Guest speaker, Honors College Science Class, University of Missouri, December 8, 2016. Discussed evolutionary paleoecology.
- Class presentation on fossils at Geological Sciences Building, May 9, 2016, "Dinosaur field trip" for Carousel Playschool.
- Invited speaker, Saturday Morning Science, University of Missouri, February 6, 2016. Finding meaning in the broken: What fossil shells reveal about past predators and parasites
- Guest speaker, Honors College Science Class, University of Missouri, December 10, 2015. Discussed evolutionary paleoecology
- Educational Outreach, Dinosaurs and Cavemen 2015, March 14, 2015. Co-arranged two interactive
 educational displays on Missouri fossils and victims of mass extinction for the Dinosaurs and Cavemen
 2015 Science Expo at Rockbridge High School, Columbia, MO. This event is designed for K-12 students
 and serves hundreds of students.
- Class presentation on fossils at Geological Sciences Building, April 10, 2014, Lee Elementary School, Columbia, MO
- Class presentation on fossils at Geological Sciences Building, April 8, 2014, Lee Elementary School, Columbia, MO
- Class presentation on dinosaurs, February 27, 2014, Dr. Ann Mehr's 3rd grade art class, Lee Elementary School, Columbia, MO
- Discussion Leader: Wednesday December 2, 2009, Evolution and the Christian Faith, International Jesus Gemeinde, Erlangen, Germany
- Class presentation on early life, March 9, 2007, Mr. Charles Jervis' high school biology class, at Department of Geosciences Museum, VPI&SU
- Class presentation on ancient life, Tuesday November 25, 2003, Ms. Susan Briggs' class, North Buncombe Elementary School, Weaverville, NC

Professional Organizations

The Paleontological Society
The Geological Society of America
Sigma Xi

Recent Collaborators

Alberti, Matthias

University of Kiel

University of Missouri

University of Missouri

University of Missouri

University of Missouri

The Ohio State University

Università di Bologna

University of Missouri

University of Missouri

University of Missouri

University of New England

Boag, Thomas H. Yale University
Broce, Jesse S. Towson University
Brock, Glenn A. Macquarie University

Bykova, Natalia Siberian Branch Russian Academy of Sciences

Cai, Yaoping Northwest University
Capraro, Luca University of Padova

Chattopadhyay, Devapriya Indian Institute of Science Education and Research Kolkata

Clapp, Daniel A. University of Missouri

Clements, Jeff C. Fisheries and Oceans Canada – Gulf Fisheries Centre

De Baets, Kenneth GeoZentrum Nordbayern, Friedrich-Alexander Universität

Epa, Yuwan R.

Faranda, Costanza

Feretti, Patrizia

Fike, David A.

Washington University of Missouri

University of Roma Tre

CNR-IDPA Venezia Mestre

Washington University in St. Louis

University of California, Berkeley

Fürsich, Franz T. GeoZentrum Nordbayern, Friedrich-Alexander Universität

Glascock, Michael University of Missouri
Gomez, Francisco University of Missouri
Gregg, Jay M. Oklahoma State University

Hale, Kelly E. New York State Department of Environmental Conservation

Hawkins, Andrew D. **Towson University** Hethke, Manja Freie Universität Berlin Heuer, Paige University of Missouri Hinman, Nancy W. University of Montana Hofmann, Michael H. University of Montana Jacobs, Gabriel S. University of Missouri Jacquet, Sarah M. University of Missouri Jeffrey, Matthew Bellarmine University

Kelley, Patricia University of North Carolina at Wilmington Klompmaker, Adiel A. Alabama Museum of Natural History

Kowalewski, Michal Florida Museum of Natural History/University of Florida

Laflamme, Marc University of Toronto Mississauga

Linehan, Liane C. University of Missouri

Liu Chunlian Sun Yat-sen University, China

MacKenzie, Lindsay A. SUNY Geneseo

Macrì, Patrizia Istituto Nazionale di Geofisica e Vulcanologia, Roma

McNamara, Maria University College Cork Meyer, David L. University of Cincinnati

Meyer, Michael Harrisburg Institute of Science and Technology

Miller, April A. University of Missouri

Muscente, Andrew D. Cornell College

Nelson, Lyle L Johns Hopkins University
O'Donnell, Kenneth AECOM, Germantown, MD
O'Neil, Gretchen R. North Dakota State University

Portell, Roger W. Florida Museum of Natural History/University of Florida

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