

Curriculum Vitae

Dr. John Warren Huntley, Associate Professor

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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	<i>did</i> 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	<i>Associate Professor</i> Department of Geological Sciences University of Missouri, Columbia, MO
2013-2019	<i>Assistant Professor</i> Department of Geological Sciences University of Missouri, Columbia, MO
2011-2013	<i>Visiting Assistant Professor</i> Department of Geology St. Lawrence University, Canton, NY
2009-2011	<i>Humboldt Research Fellow</i> GeoZentrum Nordbayern Friedrich-Alexander Universität, Erlangen, Germany
2008-2009	<i>Lecturer</i> 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, vol. 1: Identification and Macroevolution of Parasites*. Topics in Geobiology, Springer.

K. De Baets, **J.W. Huntley** (eds.). In Press. *The Evolution and Fossil Record of Parasitism, vol. 2: Coevolution and Paleoparasitological Techniques*. Topics in Geobiology, Springer.

Peer-Reviewed Journal Articles and Book Chapters

([#]student author; *corresponding author)

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.

De Baets, K. **J.W. Huntley**, A.A. Klompmaker, D. Scarponi. In Preparation. Testing the dilution hypothesis against the Phanerozoic history of parasite-host interactions amongst marine invertebrates.

M. Pulsipher[#], J.D. Schiffbauer^{*}, M. Jeffrey[#], **J.W. Huntley**, D.A. Fike, K.L. Shelton. In Preparation. A meta-analysis of the SPICE. *Earth-Science Reviews*.

In Press

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, vol. 2: Coevolution and Paleoparasitological Techniques*. Topics in Geobiology, 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, vol. 2: Coevolution and Paleoparasitological Techniques*. Topics in Geobiology, Springer.

Published

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. *Palaaios* 34:383-392.

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. *Palaeoecology, 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. Macri, **J.W. Huntley**, C. Faranda. 2018. Early-Middle Pleistocene benthic turnover and oxygen isotope stratigraphy from the Central Mediterranean (Valle di Manche, Crotona 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](https://doi.org/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.
20. 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 (Crotona 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.
5. **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

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.* **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.* **J.W. Huntley**, 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.* **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.* **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.* **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.* **J.W. Huntley**, L. Angeletti, M. Taviani, 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.
26. **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. *Geitalia 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.
22. **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*.
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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.
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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.
15. 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*.
13. **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*.

10. **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. Paleocology 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

2017-present Ranjeev Epa (PhD)
2017-present Gabriel 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 Kimberly Moore (PhD), Mizzou Geology
2018-present Mikaela Pulsipher (MS), Mizzou Geology
2018-present Stephanie Rosbach (PhD), Mizzou Geology
2017-present Stuart Kenderes (PhD), Mizzou Geology
2013-present Shannon Haynes (PhD), 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

- 2017 Safe Space Training, LGBTQ Resource Center, University of Missouri. November 29, 2017.
- 2013 St. Lawrence University Winter Institute: Visual Ethnography: Teaching and Modeling Ethical Behavior; Implementing the New Diversity Learning Goals; Teaching and Assessing First Year Writing: Challenges and Rewards; Advising for the New Curriculum; Meeting the Environmental Literacy Learning Goals. January 14-15, 2013.
- 2012 On the Cutting Edge - Professional Development for Geoscience Faculty, Early Career Geoscience Faculty: Teaching, Research, and Managing Your Career. College of William and Mary, Williamsburg, VA, June 10-14, 2012.

Invited Lectures/Presentations

- 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

Pending:

- 2020-2022 **Pending:** New Directions Grant, Petroleum Research Fund, American Chemical Society, *Origin of Replacement Silica in the Upper Ordovician Edinburg Formation: Elucidating Diagenetic Processes in Foreland Basin Settings*, \$110,000. PI Huntley

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 Volumes*, €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:*
- 2019-2022 **Declined:** NSF EAR – Sedimentary Geology and Paleobiology, *Parasitism and mass extinction: 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, *Collaborative Research: Ecological Revolution and Biotic Turnover: Disentangling the Stratigraphic, Taphonomic, and Paleoeological 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, *Testing 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, *Parasites, climate change, and sea level rise: Investigating the pattern and process of increasing trematode prevalence during transgression*, \$302,301. PI Huntley
- 2015-2017 **Declined:** U.S.-Egypt 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 University 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

- 2012-13 **Funded:** Instructional Mini-Grant, St. Lawrence University, *Evolution of benthic marine environments during the Miocene: specimen-based research in the classroom*, \$500
- 2011-12 **Funded:** Scholarly Development Award (Small Grant), St. Lawrence University, *Investigating the Dawn of Animal Life in the American South*, \$600
- 2011-12 **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 Florida during the last 2,000,000 years*, \$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

- 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
- 2012 St. Lawrence University: Assistant Marshal at Commencement

Professional Service

Editorial Board Memberships

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

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, S.Q. 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 Jarvis’ 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
Avila, Teresa D.	The Ohio State University
Azzarone, Michele	Università di Bologna
Barbour, Susan	Unaffiliated
Beem, Jordon	University of Missouri
Boag, Thomas H.	Stanford University
Broce, Jesse S.	Towson University
Cai, Yaoping	Northwest University
Capraro, Luca	University of Padova
Clapp, Daniel A.	University of Missouri
Darroch, Simon A.F.	Vanderbilt University
De Baets, Kenneth	GeoZentrum Nordbayern, Friedrich-Alexander Universität
Dell'Angelo, Bruno	Università di Bologna
Della Bella, Giano	Università di Bologna
Dexter, Troy	Gerace Research Center
Faranda, Costanza	University of Roma Tre
Feretti, Patrizia	CNR-IDPA Venezia Mestre
Fike, David A.	Washington University in St. Louis
Finnegan, Seth	University of California, Berkeley
Fürsich, Franz T.	GeoZentrum Nordbayern, Friedrich-Alexander Universität
Gomez, Francisco	University of Missouri
Gregg, Jay M.	Oklahoma State University
Hale, Kelly E.	University of Missouri
Hawkins, Andrew D.	Towson University
Hethke, Manja	Freie Universität Berlin
Hinman, Nancy W.	University of Montana
Hofmann, Michael H.	University of Montana
Jeffrey, Matthew	University of Missouri
Kaufman, Darrell S.	Northern Arizona University
Klompaker, Adiel A.	University of California, Berkeley
Kowalewski, Michal	Florida Museum of Natural History/University of Florida
Krause, Richard	Johannes Gutenberg-Universität Mainz, Germany
Laflamme, Marc	University of Toronto Mississauga
Liu Chunlian	Sun Yat-sen University, China
MacKenzie, Lindsay A.	SUNY Geneseo
Macri, Patrizia	Istituto Nazionale di Geofisica e Vulcanologia, Roma
McNamara, Maria	University College Cork
Meyer, Michael	Harrisburg Institute of Science and Technology
Muscente, Andrew D.	Cornell College
O'Donnell, Kenneth	AECOM, Germantown, MD
O'Neil, Gretchen R.	North Dakota State University
Raffi, Sergio	Università di Bologna
Robertson, Tim	University of Missouri
Romanek, Christopher	Furman University
Rossi, Veronica	Università di Bologna
Ruga, Mikaela	University of Missouri

Scarponi, Daniele	Università di Bologna
Schiffbauer, James D.	University of Missouri
Selly, Tara	University of Missouri
Shelton, Kevin	University of Missouri
Simoes, Marcello	São Paulo State
Soldati, Arianna	Ludwig-Maximilians-Universität
Sosso, Maurizio	University of Genova
Stanley Jr., George D.	University of Montana
Whittington, Alan	University of Missouri
Xiao, Shuhai	Virginia Polytechnic Institute and State University
Yanes, Yurena	University of Cincinnati

References

Dr. Jeff Chiarenzelli (Department Chair during my term as VAP) Professor of Geology
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Friedrich-Alexander Universität
Loewenichstraße 28
D-91054 Erlangen
Germany
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Dr. William A. Thomas (Department Chair during my term as Lecturer)
Hudnall Professor Emeritus of Geology, University of Kentucky
Visiting Scientist, Geological Survey of Alabama
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Dr. Michał Kowalewski (Ph.D. Advisor)
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Dr. Patricia Kelley (M.S. Advisor) Professor Emerita of Geology
Department of Earth Sciences
University of North Carolina at Wilmington
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