

Carrie E. Schweitzer
Curriculum Vitae

Address: Department of Geology, Kent State University at Stark, 6000 Frank Avenue N.W., North Canton, Ohio 44720

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EDUCATION

Ph. D., Geology, May, 2000, Kent State University, Dissertation Title: Systematics and Paleobiogeography of Fossil Decapod Crustaceans of the North Pacific Ocean

M. S., Geology, December, 1996, Kent State University, Thesis Title: Fossil Decapod Crustaceans of the late Oligocene to early Miocene Pysht Formation and late Eocene Quimper Sandstone, Olympic Peninsula, Washington

B. A., Biology, Departmental Honors, June, 1993, Hiram College, Hiram, Ohio

EMPLOYMENT HISTORY

Professor of Geology, Kent State University at Stark, North Canton, OH, Aug 2011-present

Associate Professor of Geology, Stark Campus, Kent State University, Canton, OH, Sept. 2005-Aug. 2011

Assistant Professor of Geology, Stark Campus, Kent State University, Canton, OH, 2000- Aug. 2005

Part-Time Adjunct Instructor, Stark Campus, Kent State University, Canton, OH, 2000

Field Assistant, Summer Field Camp, Kent State University at Black Hills State University, 2000

Part-Time Summer Instructor, Kent State University, Dept. of Geology, 1996-1999

Teaching Fellow, Kent State University, Dept. of Geology, 1996-2000

Graduate Assistant, Kent State University, Dept. of Geology, 1994-1996

COURSES TAUGHT

Courses taught: Invertebrate Paleontology, How the Earth Works; How the Earth Works Laboratory; Earth and Life through Time; Earth and Life through Time Laboratory, Environmental Earth Science, All about the Oceans; Geology of Ohio (upper division), Mass Extinctions: Causes and Consequences; Paleoecology; Paleoceanography; Career Paths in Geology.

RESEARCH APPOINTMENTS

Research Associate, Department of Systematic Biology, Invertebrate Zoology Section, United States National Museum of Natural History, Smithsonian Institution, Washington, D. C.

Research Associate, Section of Invertebrate Paleontology, Carnegie Museum of Natural History, Pittsburgh, PA.

Participant, The Paleobiology Database, an NSF-funded public resource for the scientific community that compiles paleontological occurrence and taxonomic data to be used for integrated paleontological studies <paleobiodb.org>.

PUBLISHED ARTICLES: Peer reviewed (R), Invited (I), Number in (parentheses) indicates number of times article has been cited per Web of Science on 4/3/16. All journals are listed in ISI/Thomson Master List except *The Compass*.

1. Schweitzer Hopkins, C. and R. M. Feldmann. 1997. Sexual dimorphism in fossil and extant species

- of *Callianopsis* de Saint Laurent. *Journal of Crustacean Biology*, 17(2): 236-252. **(R) (12)**
2. Feldmann, R. M., K. L. Bice, C. Schweitzer Hopkins, and E. W. Salva. 1998. Decapod crustaceans from the Eocene Castle Hayne Formation, North Carolina: paleoceanographic implications. *Paleontological Society Memoir* 48, 28 p. **(R) (3)**
 3. Schweitzer Hopkins, C., E. W. Salva, and R. M. Feldmann. 1999. Reevaluation of the genus *Xanthosia* Bell, 1863 (Decapoda: Brachyura: Xanthidae) and description of two new species from the Cretaceous of Texas. *Journal of Paleontology*, 73(1):77-90. **(R) (15)**
 4. Schweitzer, C. E. and R. M. Feldmann. 1999. Fossil decapod crustaceans of the Pysht Formation (late Oligocene to early Miocene) and Quimper Sandstone (late Eocene), Olympic Peninsula, Washington. *Annals of Carnegie Museum*, 68:215-273. **(R) (20)**
 5. Schweitzer, C. E., R. M. Feldmann, A. B. Tucker, and R. E. Berglund. 2000. Fossil decapod crustaceans from Eocene rocks at Pulali Point, Washington. *Annals of Carnegie Museum*, 69:23-67. **(R) (28)**
 6. Schweitzer, C. E. and R. M. Feldmann. 2000. New species of calappid crabs from Western North America and reconsideration of the Calappidae de Haan sensu lato. *Journal of Paleontology*, 74:230-246. **(R) (43)**
 7. Schweitzer, C. E. and E. W. Salva. 2000. First recognition of the Cheiragonidae (Crustacea: Decapoda) in the fossil record and comparison of the family to the Atelecyclidae (Crustacea: Decapoda). *Journal of Crustacean Biology*, 20(2): 285-298. **(R) (21)**
 8. Schweitzer, C. E. and C. B. Boyko. 2000. First occurrence of the genus *Lophomastix* (Decapoda: Albuneidae) in the fossil record and reconsideration of *Blepharipoda brucei* Rathbun, 1926. *Journal of Paleontology*, 74(4): 631-635. **(R) (8)**
 9. Schweitzer, C. E., and R. M. Feldmann. 2000. New fossil portunids from Washington, USA, and Argentina and a reevaluation of generic and family relationships within the Portunoidea Rafinesque (Decapoda: Brachyura). *Journal of Paleontology*, 74(4): 636-653. **(R) (40)**
 10. Schweitzer, C. E. 2000. Tertiary Xanthoidea (Decapoda: Brachyura) from the Pacific Northwest of North America. *Journal of Crustacean Biology*, 20(4): 715-742. **(R) (22)**
 11. Schweitzer, C. E., and R. M. Feldmann. 2000. Reevaluation of the Cancridae (Decapoda: Brachyura) including three new genera and three new species. *Contributions to Zoology*, 69: 223-250. **(R) (25)**
 12. Schweitzer, C. E., and R. M. Feldmann. 2000. First notice of the Chirostylidae (Decapoda) in the fossil record and new Tertiary Galatheidae (Decapoda) from the Americas. *Bulletin of the Mizunami Fossil Museum*, 27:147-165. **(R) (13)**
 13. Schweitzer, C. E., and R. M. Feldmann. 2001. Differentiation of fossil Hexapodidae Miers

- (Decapoda: Brachyura) from similar forms. *Journal of Paleontology*, 75(2): 330-345. **(R) (29)**
14. Schweitzer, C. E. 2001. Additions to the Tertiary decapod fauna of the Pacific Northwest of North America. *Journal of Crustacean Biology*, 21(2): 521-537. **(R) (12)**
 15. Schweitzer, C. E. 2001. Paleobiogeography of Cretaceous and Tertiary decapod crustaceans of the North Pacific Ocean. *Journal of Paleontology*, 75(4): 808-826. **(R) (37)**
 16. Vega, F. J., T. Cosma, M. A. Coutiño, R. M. Feldmann, T. G. Nyborg, C. E. Schweitzer, and D. A. Waugh. 2001. New middle Eocene Decapods (Crustacea) from Chiapas, Mexico. *Journal of Paleontology*, 75(4): 929-946. **(R) (25) (undergraduate involvement)**
 17. Schweitzer, C. E., and R. M. Feldmann. 2001. New Cretaceous and Tertiary decapod crustaceans from western North America. *Bulletin of the Mizunami Fossil Museum*, 28: 173-210. **(R) (24)**
 18. Schweitzer, C. E., and Rodney M. Feldmann. 2002. New Eocene decapods (Thalassinidea and Brachyura) from Southern California. *Journal of Crustacean Biology*, 22:938-967. **(R) (18)**
 19. Schweitzer, C. E., R. M. Feldmann, G. Gonzáles-Barba, and F. J. Vega. 2002. New crabs from the Eocene and Oligocene of Baja California, México and an assessment of the evolutionary and paleobiogeographic implications of Mexican fossil decapods. *The Paleontological Society Memoir 59 (Supplement to Journal of Paleontology Volume 76): 43 p.* **(R) (21)**
 20. Schweitzer, C. E., P. R. Scott-Smith, and P. K. L. Ng. 2002. New occurrences of fossil decapod crustaceans (Thalassinidea, Brachyura) from late Pleistocene deposits of Guam, United States Territory. *Bulletin of the Mizunami Fossil Museum*, 29:25-49. **(R) (11)**
 21. Feldmann, R. M., C. E. Schweitzer, and S. Marensi. 2003. Stratigraphy and paleoecology of decapod crustaceans from the La Meseta Formation, Seymour Island, Antarctica. *Journal of the Geological Society (London)*, 160:151-160. **(R) (9)**
 22. Schweitzer, C. E., K. J. Lacovara, J. B. Smith, M. C. Lamanna, M. A. Lyon, and Y. Attia. 2003. Mangrove-dwelling crabs (Crustacea: Decapoda: Brachyura: Necrocarcinidae) from the Cretaceous (Cenomanian) of Egypt. *Journal of Paleontology*, 77: 888-894. **(R) (16)**
 23. Schweitzer, C. E. 2003. Utility of proxy characters for classification of fossils: an example from the fossil Xanthoidea (Crustacea: Decapoda: Brachyura). *Journal of Paleontology*, 77: 1107-1128. **(R) (25)**
 24. Schweitzer, C. E., T. G. Nyborg, R. M. Feldmann, and R. L. Ross. 2004. Homolidae de Haan and Homolodromiidae from the Pacific Northwest of North America. *Journal of Paleontology*, 78:133-149. **(R) (18)**
 25. Feldmann, R. M., A. A. Garassino, and C. E. Schweitzer. 2004. The presumed decapod, *Palaeopemphix*, Gemmellaro, is a unique member of the Phyllocarida (Palaeopemphicida, Palaeopemphidae). *Journal of Paleontology*, 78:340-348. **(R) 53)**

26. Feldmann, R. M., and C. E. Schweitzer. 2004. Decapod crustaceans from the Lower Miocene of North-western Venezuela (Cerro La Cruz, Castillo Formation). *Palaeontology, Special Papers in Palaeontology*, 71:7-22. **(R) (I) (5)**
27. Schweitzer, C. E., and H. Karasawa. 2004. Revision of *Amydrocarcinus* and *Palaeograpsus* (Decapoda: Brachyura: Xanthoidea) with definition of three new genera. *Paleontological Research*, 8:71-86. **(R) (9)**
28. Casadío, S. A., A. De Angeli, R. M. Feldmann, A. Garassino, J. L. Hetler, A. Parras, and C. E. Schweitzer. 2004. New decapod crustaceans (Thalassinidea, Brachyura) from the late Oligocene of Patagonia, Argentina. *Annals of Carnegie Museum*, 73: 25-47. **(R) (15) (Undergraduate involvement)**
29. Schweitzer, C. E., R. M. Feldmann, and P. D. Gingerich. 2004. New decapods (Crustacea) from the Eocene of Pakistan and a revision of *Lobonotus* A. Milne Edwards, 1864. *University of Michigan Contributions from the Museum Of Paleontology*, 31(4), 89-118. **(R) (13)**
30. Karasawa, H., and C. E. Schweitzer. 2004. Revision of the genus *Glyphithyreus* Reuss, 1859 (Crustacea, Decapoda, Brachyura, Xanthoidea) and recognition of a new genus. *Paleontological Research*, 8: 143-154. **(R)**
31. Schweitzer, C. E., R. M. Feldmann, S. Marensi, and D. A. Waugh. 2005. Remarkably preserved annelid worms from the La Meseta Formation (Eocene), Seymour Island, Antarctica. *Palaeontology*, 48(1): 1-13. **(R) (11)**
32. Schweitzer, C. E. 2005. The genus *Xanthilites* Bell and a new xanthoid family (Crustacea: Decapoda: Brachyura): new hypotheses on the origin of the Xanthoidea MacLeay, 1838. *Journal of Paleontology*, 79(2): 277-295. **(R) (20)**
33. Pochedly, K., C. E. Schweitzer, and Philip R. Scott-Smith. 2005. Paleoeological analysis of a late Pleistocene fossil decapod (Crustacea: Decapoda: Thalassinidea, Brachyura) population from Dadi Beach, Guam, United States Territory. *The Compass*, 113-118. **(R) (Undergraduate involvement)**
34. Schweitzer, C. E., V. Čosović, and R. M. Feldmann. 2005. *Harpactocarcinus* from the Eocene of Istria, Croatia, and the paleoecology of the Zanthopsidae Via, 1959 (Crustacea: Decapoda: Brachyura). *Journal of Paleontology*, 79(4): 663-669. **(R) (7)**
35. Tshudy, D., W. S. Donaldson, C. Collom, R. M. Feldmann, and C. E. Schweitzer. 2005. *Hoploparia albertaensis*, a new species of clawed lobster (Nephropidae) from the late Coniacian, shallow-marine Bad Heart Formation of northwestern Alberta, Canada. *Journal of Paleontology*, 79(5): 961-968. **(R) (5)**
36. Feldmann, R. M., C. E. Schweitzer, and A. Encinas. 2005. New decapods from the Navidad Formation (Miocene) of Chile. *Journal of Crustacean Biology*, 25(3): 427-449. **(R) (13)**

37. Casadío, S., R. M. Feldmann, A. Parras, and C. E. Schweitzer. 2005. Miocene fossil Decapoda (Crustacea: Brachyura) from Patagonia, Argentina and their paleoecological setting. *Annals of Carnegie Museum*, 74: 151-188. **(R) (10)**
38. Schweitzer, C. E. 2005. The Trapeziidae and Domeciidae (Decapoda: Brachyura: Xanthoidea) in the fossil record and a new Eocene genus from Baja California Sur, Mexico. *Journal of Crustacean Biology*, 25(4): 625-636. **(R) (12)**
39. Feldmann, R. M., and C. E. Schweitzer. 2006. Paleobiogeography of southern hemisphere decapod Crustacea. *Journal of Paleontology*, 80(1): 83-103. **(R) (40)**
40. Schweitzer, C. E., G. Gonzáles-Barba, R. M. Feldmann, and D. A. Waugh. 2006 [imprint 2005]. Decapoda (Thalassinidea, Paguroidea) from the Eocene Bateque and Tepetate formations, Baja California Sur, México: Systematics, Cuticle Microstructure, and Paleoecology. *Annals of Carnegie Museum*, 74(4): 275-293. **(R) (4)**
41. Schweitzer, C. E., R. M. Feldmann, A. Encinas, and M. Suárez. 2006. New Cretaceous and Eocene Callianassoidea (Thalassinidea, Decapoda) from Algarrobo, Chile. *Journal of Crustacean Biology*, 26: 73-81. **(R) (6)**
42. Schweitzer, C. E., M. Iturralde-Vinent, J. L. Hetler, and J. Velez-Juarbe. 2006. Oligocene and Miocene decapods (Thalassinidea: Brachyura) from the Caribbean. *Annals of Carnegie Museum*, 75: 111-136. **(R) (13) (Undergraduate involvement)**
43. Karasawa, H., and C. E. Schweitzer. 2006. A New Classification of the Xanthoidea sensu lato (Crustacea: Decapoda: Brachyura) Based on Phylogenetic Analysis and Traditional Systematics and Evaluation of All Fossil Xanthoidea sensu lato. *Contributions to Zoology*, 75(1/2): 23-72. **(R) (42)**
44. Feldmann, R. M., C. E. Schweitzer, and D. McLaughlin. 2006. Additions to the records for decapod Crustacea from Motunau and Glenafric beaches, North Canterbury, New Zealand. *New Zealand Journal of Geology and Geophysics*, 49: 417-427. **(R) (5)**
45. Conkle, L. N., C. E. Schweitzer, R. M. Feldmann, and R. B. Blodgett. 2006. A new species of *Tymolus* and a report on *Metacarcinus* from the Miocene of Alaska. *Bulletin of the Mizunami Fossil Museum*, 33: 47-57. **(R)**
46. Feldmann, R. M., I. Lazăr, and C. E. Schweitzer. 2006. New crabs (Decapoda: Brachyura: Prosopidae) from Jurassic (Oxfordian) sponge bioherms of Dobrogea, Romania. *Bulletin of the Mizunami Fossil Museum*, 33: 1-20. (Authors in alphabetical order). **(R)**
47. Schweitzer, C. E., R. M. Feldmann, G. González-Barba, and V. Čosović. 2006. New Decapoda (Anomura, Brachyura) from the Eocene Bateque and Tepetate Formations, Baja California Sur, México. *Bulletin of the Mizunami Fossil Museum*, 33: 21-45. **(R) (7)**

48. Schweitzer, C. E., P. Artal, B. van Bakel, J. W. M. Jagt, and H. Karasawa. 2007. Revision of the genus *Titanocarcinus* (Decapoda: Brachyura: Xanthoidea) with two new genera and one new species. *Journal of Crustacean Biology*, 278-295. **(R) (7)**
49. Schweitzer, C. E., R. M. Feldmann, and H. Karasawa. 2007. Revision of the Carcineretidae Beurlen, 1930 (Decapoda: Brachyura: Portunoidea) and remarks on the Portunidae Rafinesque, 1815. *Annals of Carnegie Museum*, 76: 15-37. **(R) (13)**
50. Feldmann, R. M., and C. E. Schweitzer. 2007. Sexual dimorphism in fossil and extant Raninidae (Decapoda: Brachyura). *Annals of Carnegie Museum*, 76: 39-52. **(R)(7)**
51. Schweitzer, C. E., R. M. Feldmann, G. Gonzalez-Barba, and V. Čosović. 2007. Fossil decapods from the Eocene Tepetate Formation, Baja California Sur, Mexico. *Annals of Carnegie Museum*, 76: 1-14. **(R) (2)**
52. Feldmann, R. M., C. E. Schweitzer, C. M. Redman, N. J. Morris, and D. J. Ward. 2007. New Cretaceous lobsters from the Kyzylkum Desert of Uzbekistan. *Journal of Paleontology*, 701-713. **(R) (15)**
53. Schweitzer, C. E., R. M. Feldmann, and I. Lazăr. 2007. Decapods from Jurassic (Oxfordian) sponge reefs of Dobrogea, Romania and reconsideration of *Nodoprosopon* Beurlen, 1928. *Neues Jahrbuch für Geologie und Paläontologie*, 99-114. **(R) (24)**
54. Schweitzer, C. E., A. M. Shirk, V. Čosović, Y. Okan, R. M. Feldmann, and I. Hoşgör. 2007. New species of *Harpactocarcinus* from the Tethyan Eocene and their paleoecological setting. *Journal of Paleontology*, 81: 1091-1100. **(R) (4)**
55. Karasawa, H., C. E. Schweitzer, and R. M. Feldmann. 2008. Revision of the Portunoidea Rafinesque, 1815 (Decapoda: Brachyura) with emphasis on the fossil genera and families. *Journal of Crustacean Biology*, 82-127. **(R) (30)**
56. Schweitzer, C. E., J. Velez-Juarbe, M. Martinez, A. C. Hull, R. M. Feldmann, and H. Santos. 2008. New Cretaceous and Cenozoic Decapoda (Crustacea: Thalassinidea, Brachyura) from Puerto Rico, United States Territory. *Bulletin of the Mizunami Fossil Museum*, 1-15. **(R) (Undergraduate involvement)**
57. Feldmann, R. M., R.-Y. Li, and C. E. Schweitzer. 2008 [imprint 2007]. A new family, genus, and species from the Cretaceous of Manitoba, Canada. *Canadian Journal of Earth Sciences*, 44: 1741-1752. **(R) (7)**
58. Schweitzer, C. E., and R. M. Feldmann. 2008 [imprint 2007]. A new classification for some Jurassic Brachyura (Crustacea: Decapoda: Brachyura: Homolodromioidea): Families Goniidromitidae Beurlen, 1932 and Tanidromitidae new family. *Senckenbergiana lethaea*, 87: 119-156. **(R) (9)**
59. Feldmann, R. M., C. E. Schweitzer, P. A. Maxwell, and B. M. Kelley. 2008. Fossil isopod and decapod crustaceans from the Kowai Formation (Pliocene) near Makikihi, South Canterbury, New Zealand. *New Zealand Journal of Geology and Geophysics*, 51: 43-58. **(R) (10)**

(Undergraduate involvement)

60. Schweitzer, C. E. 2008. Paleontological systematics in the 21st Century: we need more specialists and more data. *Palaeontologia Electronica*, 11(2). **(I) (R) (1)**
61. Feldmann, R. M., C. E. Schweitzer, and R. M. Green. 2008. Unusual Albian (Early Cretaceous) Brachyura (Homoloidea de Haan and Componocancroidea new superfamily) from Montana, U.S.A. *Journal of Crustacean Biology*, 502-509. **(R) (10) (Undergraduate involvement)**
62. Feldmann, R. M., C. E. Schweitzer, and W. Wahl. 2008. New species of Glaessneropsidae from Western Interior. *Journal of Paleontology*, 82: 1030-1034. **(R) (6)**
63. Schweitzer, C. E., and R. M. Feldmann. 2008. New Eocene hydrocarbon seep decapod crustacean (Anomura: Galatheidae: Shinkaiinae) and its paleobiological implications. *Journal of Paleontology*, 82: 1021-1029. **(R) (14)**
64. Parras, A., M. Griffin, R. Feldmann, S. Casadío, C. Schweitzer, and S. Marensi. 2008. Correlation of marine beds based on Sr- and Ar-date determinations and faunal affinities across the Paleogene/Neogene boundary in southern Patagonia, Argentina. *Journal of South American Earth Sciences*, 26: 204-216. **(R) (26)**
65. Amato, C., R. M. Feldmann, D. A. Waugh, and C. E. Schweitzer. 2008. Density and calcification of cuticle in decapod crustaceans: a key to lifestyle? *Journal of Crustacean Biology*, 28: 587-595. **(R) (1) (Undergraduate involvement)**
66. Crawford, R. S., S. Casadío, R. M. Feldmann, M. Griffin., A. Parras, and C. E. Schweitzer. 2008. Mass-Mortality of fossil decapods within the Monte León Formation: victims of Andean Volcanism. *Annals of Carnegie Museum*, 77: 259-287. **(R) (6)**
67. Schweitzer, C. E., and R. M. Feldmann. 2008. Revision of the genus *Laeviprosopon* Glaessner, 1933 (Decapoda: Brachyura: Homolodromioidea: Prosopidae) including two new species. *Neues Jahrbuch für Geologie und Paläontologie*, 250(3): 273-285. **(R) (19)**
68. Schweitzer, C. E., and R. M. Feldmann. 2009. Revision of the Prosopinae sensu Glaessner, 1969 (Crustacea: Decapoda: Brachyura) including 4 New Families and 4 New Genera. *Annalen des Naturhistorischen Museums in Wien, Serie A*, 110: 55-121. **(R) (7)**
69. Schweitzer, C. E., R. M. Feldmann, and I. Lazăr. 2009. Fossil Crustacea (excluding Cirripedia and Ostracoda) in the University of Bucharest Collections, Romania, including new species. *Bulletin of the Mizunami Fossil Museum*, 35: 1-14. **(R)**
70. Waugh, D. A., R. M. Feldmann, and C. E. Schweitzer. 2009. Systematic evaluation of raninid cuticle microstructure. *Bulletin of the Mizunami Fossil Museum*, 35: 15-41. **(R) (1)**
71. Schweitzer, C. E., R. M. Feldmann, and C. Bonadio. 2009. A new family of brachyuran (Crustacea: Decapoda: Carpilioidea) from the Eocene of Java, Indonesia. *Scripta Geologica (Leiden)*, 138: 1-10. **(R) (1) (Undergraduate involvement)**

72. Schweitzer, C. E., R. M. Feldmann, V. Čosović, R. L. M. Ross, and D. A. Waugh. 2009. New Cretaceous and Eocene Decapoda (Thalassinidea, Brachyura) from British Columbia, Canada. *Annals of Carnegie Museum*, 77: 403-423. **(R) (14)**
73. Schweitzer, C. E., and R. M. Feldmann. 2009. Revision of *Gabriella* with new species. *Neues Jahrbuch für Geologie und Paläontologie, Abhandlungen*, 252: 1-16. **(R) (14)**
74. Waugh, D. A., R. M. Feldmann, J. L. Burrell, A. L. Hull, K. Hein, and C. E. Schweitzer. 2009. Ontogenetic variations in cuticle morphology in the Blue Crab *Callinectes sapidus* Rathbun, 1896. *Journal of Crustacean Biology*, 29: 141-156. **(R) (Undergraduate involvement) (6)**
75. Feldmann, R. M., and C. E. Schweitzer. 2009. Revision of Jurassic Homoloidea de Haan, 1839, from the Ernstbrunn and Štramberk limestones, Austria and the Czech Republic. *Annalen des Naturhistorischen Museums in Wien, Serie A*, 111: 183-206. **(R) (1)**
76. Verhoff, J., R. M. Feldmann, P. Müller, and C. E. Schweitzer. 2009. A new species of *Titanocarcinus* from the Paleocene Kambübel Formation, Austria. *Annalen des Naturhistorischen Museums in Wien, Serie A*, 111: 225-232. **(R)**
77. Schweitzer, C. E., and R. M. Feldmann. 2009. New species of Longodromitidae Schweitzer and Feldmann, 2008, from the Ernstbrunn Formation, Late Jurassic (Tithonian), Austria. *Annalen des Naturhistorischen Museums in Wien, Serie A*, 111: 207-224. **(R) (1)**
78. Schweitzer, C. E., and R. M. Feldmann. 2009. Revision of the Genus *Cyclothyreus* Remeš, 1895 (Decapoda: Brachyura: Dromioidea). *Neues Jahrbuch für Geologie und Paläontologie*, 253: 357-372. **(R) (14)**
79. De Grave, S., Pentcheff, N. D., Ahyong, S. T., Chan, T.-Y., Crandall, K. A., Dworschak, P. C., Felder, D. L., Feldmann, R. M., Fransen, C. H. J. M., Goulding, L. Y. D., Lemaitre, R., Low, M. L., Martin, J. W., Ng, P. K. L., Schweitzer, C.E., Tan, S. H., Tshudy, D., and Wetzer, R. 2009. A classification of Recent and fossil genera of decapod crustaceans. *The Raffles Bulletin of Zoology Supplement* 21, 1-109. **(R) (195) (HIGHLY CITED PAPER: received enough citations to place in top 1% of Plant/Animal Science as of Dec/Nov 2015, Web of Science Core Collection)**
80. Schweitzer, C. E., and R. M. Feldmann. 2010. The Decapoda (Crustacea) as predators on Mollusca over geologic time. *Palaios*, 25: 167-182. **(R) (24)**
81. Feldmann, R. M., C. E. Schweitzer, and A. Encinas. 2010. Neogene decapod Crustacea from southern Chile. *Annals of Carnegie Museum*, 78: 337-366. **(R) (9)**
82. Feldmann, R. M., and C. E. Schweitzer. 2010. Is *Eocarcinus* the earliest brachyuran? *Journal of Crustacean Biology*, 30: 241-250. **(R) (10)**
83. Schweitzer, C. E., and R. M. Feldmann. 2010. The oldest Brachyura (Decapoda: Homolodromioidea, Glaessneropsoidea) (Jurassic: Pliensbachian, Bajocian, Bathonian) known to date. *Journal of Crustacean Biology*, 30: 251-256. **(R) (14)**

84. Schweitzer, C. E., and R. M. Feldmann. 2010. A new family of Mesozoic Brachyura (Glaessneropsoidea) and reevaluation of *Distefania* CHECCHIA-RISPOLI, 1917 (Homolodromioidea: Goniiodromitidae). *Neues Jahrbuch für Geologie und Paläontologie, Abhandlungen*, 256(3): 363-380. **(R) (14)**
85. Schweitzer, C. E., and R. M. Feldmann. 2010. Revision of *Cycloprosopon* and additions to *Eodromites* (Brachyura: Homolodromioidea: Goniiodromitidae). *Annalen des Naturhistorischen Museums in Wien, Serie A*, 112: 169-194. **(R)**
86. Schweitzer, C. E., and R. M. Feldmann. 2010. The Sphaerodromiidae (Brachyura: Dromioidea: Dromioidea) in the fossil record. *Journal of Crustacean Biology*, 30: 417-429. **(R) (11)**
87. Schweitzer, C. E., and R. M. Feldmann. 2010. The genus *Coelopus* ÉTALLON, 1861 (Brachyura: Glaessneropsoidea: Longodromitidae) with new species. *Neues Jahrbuch für Geologie und Paläontologie, Abhandlung*, 258: 51-60. **(R) (9)**
88. Schweitzer, C. E., and R. M. Feldmann. 2010. The Remy Collection of Fossil Decapod Crustaceans, Muséum National D'histoire Naturelle, Paris. *Geodiversitas*, 32: 399-415. **(R) (8)**
89. Feldmann, R. M., and C. E. Schweitzer. 2010. The oldest shrimp (Devonian: Fammenian) and remarkable preservation of soft tissue. *Journal of Crustacean Biology*, 30: 629-635. **(R) (13)**
90. Schweitzer, C. E., and R. M. Feldmann. 2010. Earliest known Porcellanidae (Decapoda: Anomura: Galattheoidea) (Jurassic: Tithonian). *Neues Jahrbuch für Geologie und Paläontologie, Abhandlungen*, 258: 243-248. **(R) (6)**
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PEER REVIEWED MONOGRAPHS/BOOKS

- Schweitzer, C. E., R. M. Feldmann, J. Fam, W. A. Hessin, S. W. Hetrick, T. G. Nyborg, and R. L. M. Ross. 2003. Cretaceous and Eocene decapod crustaceans from the Georgia Basin, British Columbia, Canada. *National Research Council of Canada Memoir Series*, 66 p. **(R) (27)**
- Schweitzer, C. E., R. M. Feldmann, A. Garassino, H. Karasawa, and G. Schweigert. 2010. Systematic list of fossil decapod crustacean species. *Crustaceana Monographs*, 10: Brill, Leiden, 222 pp. **(R) (4)**

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- Schweitzer, C. E. and R. M. Feldmann. 2000. *Callichirus? symmetricus* (Decapoda: Thalassinoidea) and associated burrows, Antarctica. *In* J. Stilwell and R. M. Feldmann (eds.), *Paleobiology and paleoenvironments of Eocene fossiliferous erratics, McMurdo Sound, East Antarctica*. American Geophysical Union Antarctic Research Series, 76:335-347. **(R) (3)**
- Schweitzer, C. E., and R. M. Feldmann. 2005. Decapods, the Cretaceous-Palaeogene Boundary, and Recovery, p 17-53. *In* S. Koenemann and R. A. Jenner (eds.), *Crustacea and Arthropod Relationships*, Crustacean Issues Vol. 16. Taylor and Francis Group, Boca Raton, FL. **(R) (I) (14)**

Schweitzer, C. E., and R. M. Feldmann. 2016. Species of Decapoda (Crustacea) in the fossil record: patterns, problems, and progress, p. 278-300. *In* W. D. Allmon and M. M. Yacobucci, Species and Speciation in the Fossil Record. University of Chicago Press, Chicago. **(R) (I)**

MANUSCRIPTS IN PRESS

Schweitzer, C. E., H. Karasawa & R. M. Feldmann. 2021. Reevaluation of *Thelecarcinus* Böhm, 1891 (Decapoda: Brachyura, Raninoidea, Paranecrocarcinidae). *Bulletin of the Mizunami Fossil Museum*, 48: 21-25.

ACCEPTED FOR PUBLICATION

SUBMITTED MANUSCRIPTS

Hoploparia from California

Schweitzer, C. E., M. Hyzny, and R. M. Feldmann. New Paleogene and Neogene decapod crustaceans (Axiidea, Brachyura) from Venezuela. *Neues Jahrbuch*.

TREATISE ON INVERTEBRATE PALEONTOLOGY

With Dr. Rodney M. Feldmann, I am currently a coordinating author of the revision of the Decapoda section in the [Treatise on Invertebrate Paleontology](#): Crustacea: Decapoda, Part R (Revised) Arthropoda 4, vol. 2. In addition to assisting coordination of the revision, I will be contributing to the sections on North American decapods, paleobiogeography, and the systematics and evolution of the Decapoda. This revision has provided me with an opportunity to work with experts on decapod paleontology and biology worldwide.

Treatise Online:

Schweitzer, C. E., R. M. Feldmann, and H. Karasawa. 2012. Part R, Revised, Volume 1, Chapter 8M: Systematic descriptions: Infraorder Brachyura, Section Dromiacea. *Treatise Online*, 51: 1-43. Available online Oct. 7, 2012.

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- Feldmann, R. M., C. E. Schweitzer, H. Karasawa. 2016. Part R, Revised, Volume 1, Chapter 8J: Systematic descriptions: Infraorder Astacidea. *Treatise Online* 74: 1-28. Available January 21, 2016.
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- Schweitzer, C. E., R. M. Feldmann, and H. Karasawa. 2017. Part R, Revised, Volume 1, Chapter 8O: Systematic descriptions: Section Torynommoidea. *Treatise Online*, 94: 1-2. Available August 18, 2017.
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- Feldmann, R. M. and C. E. Schweitzer. 2018. Part R, Revised, Volume 1. Systematic descriptions: Superfamily Retroplumoidea. *Treatise Online*, 106: 1-6, DOI: <https://doi.org/10.17161/to.v0i0.7604>.
- Schweitzer, C. E., R. M. Feldmann, H. Karasawa, & J. Luque. 2018. Part R, Revised, Volume 1, Chapter 8S: Systematic descriptions: Section Raninoidea. *Treatise Online*: 113: 1-42.
- Schweitzer, C. E., R. M. Feldmann, and H. Karasawa. 2018. Part R, Revised, Volume 1, Chapter 8T2. Systematic descriptions: Superfamily Carpilioidea. *Treatise Online*, 112: 1-24.
- Karasawa, H., C. E. Schweitzer, and R. M. Feldmann. 2019. Part R, Revised, Volume 1, Chapter 8T3. Systematic descriptions: Superfamily Leucosioidea. *Treatise Online*, 115:1-22. Available March 19, 2019.
- Schweitzer, C. E., and R. M. Feldmann. 2019. Part R, Revised, Volume 1, Chapter 8T4: Systematic descriptions: Superfamily Calappoidea. *Treatise Online*, 121:1-10. Available August 11, 2019.
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- Schweitzer, C. E., and R. M. Feldmann. 2019. Part R, Revised, Volume 1, Chapter 8T6: Systematic descriptions: Superfamilies Componocancroidea and Orithyoidea and Family Marocarcinidae.

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Schweitzer, C. E., and R. M. Feldmann. 2019. Part R, Revised. Volume 1, Chapter 8T7: Systematic descriptions: Superfamily Cancroidea. Treatise Online, 126: available October 17, 2019.

Schweitzer, C. E., and R. M. Feldmann. 2020. Part R, Revised. Volume 1, Chapter 8T8: Systematic descriptions: Superfamilies Bellioidea, Bythograeoidea, Dairoidea, and Palicoidea. Treatise Online, 130: available February 7, 2020.

Schweitzer, C. E., R. M. Feldmann, and H. Karasawa. 2020. Part R, Revised. Volume 1, Chapter 8T9. Systematic descriptions: Superfamily Parthenopoidea. Treatise Online, 131: available online April 4, 2020.

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Schweitzer, C. E., R. M. Feldmann, and H. Karasawa. 2020. Part R, Revised. Volume 1. Chapter 8T11. Systematic descriptions: Superfamily Majoidea. Treatise Online, 132: available online July 30, 2020.

Schweitzer, C. E., and R. M. Feldmann. 2020. Part R, Revised. Volume 1, Chapter 8T12: Systematic descriptions: Superfamily Gecarcinucoidea. Treatise Online, 140: available November 3, 2020.

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Schweitzer, C. E., and R. M. Feldmann. 2020. Part R, Revised. Volume 1, Chapter 8T14: Systematic descriptions: Superfamily Potamoidea. Treatise Online, 142: available November 10, 2020.

Schweitzer, C. E., R. M. Feldmann, and H. Karasawa. 2021. Part R, Revised. Volume 1, Chapter 8T15. Systematic descriptions: Superfamily Portunoidea. Treatise Online, 151: available online April 16, 2021.

INVITED LECTURES AND COLLOQUIA

“Paleobiogeography of Cretaceous and Tertiary Fossil Decapod Crustaceans: Keys to the Patterns of Distribution and Evolution of the Crabs, Lobsters and Shrimp,” Invited lecture at the Institut für Biologie/Vergleichende Zoologie, Humboldt-Universität zu Berlin, Germany, June, 2001.

“Paleobiogeography of North Pacific Decapod Crustaceans,” Invited lecture at Universidad Nacional de La Pampa, Facultad de Ciencias Exactas y Naturales, Santa Rosa, La Pampa, Argentina, August, 2002.

“Paleobiogeography of Cretaceous and Tertiary Decapod Crustaceans (Shrimps, Lobsters, and Crabs),” Colloquium at Bowling Green State University, Department of Geology, Feb. 20, 2003.

"Field work in and fossil decapod crustaceans of Antarctica," Colloquium at Edinboro University, Edinboro, PA, Department of Geology, Feb. 12, 2004.

"Field work, fossil decapod crustaceans, and fossil worms of Antarctica," Invited lecture at Universidad Nacional de La Pampa, Facultad de Ciencias Exactas y Naturales, Santa Rosa, La Pampa, Argentina, March 22, 2004.

"Geology and natural history of selected United States National Parks" Invited lecture at Universidad Nacional de La Pampa, Facultad de Ciencias Exactas y Naturales, Santa Rosa, La Pampa, Argentina, May 16, 2005.

"May 4, 1970: history and perceptions from two generations" Co-lecture with Rodney M. Feldmann at Universidad Nacional de La Pampa, Facultad de Humanidades y Ciencias Sociales, Santa Rosa, La Pampa, Argentina, May 18, 2005.

"Specimen-based Research Results in Recognition of an Explosive Radiation of Jurassic Brachyura (Crustacea: Decapoda)", Colloquium at Ohio University, Department of Geology, Athens, Ohio, October 24, 2008.

PUBLISHED ABSTRACTS/Oral and Poster Presentations

Salva, E. W., C. E. Schweitzer-Hopkins, and R. M. Feldmann. 1995. Paleooceanography of decapod-rich rocks of the Castle Hayne Formation (Eocene) of North Carolina. Abstracts with Programs of the Geological Society of America 1995 Annual Meeting, 27(6):A368.

Salva, E. W., C. E. Schweitzer-Hopkins, and R. M. Feldmann. 1996. A comparison between cladistic and systematic analysis of the species of *Xanthosia* (Decapoda: Xanthidae). Abstracts with Programs of the Geological Society of America 1996 Annual Meeting, 28(7):A239.

Schweitzer-Hopkins, C. E. 1996. Sexual dimorphism in fossil and extant species of *Callianopsis* de Saint Laurent. Abstracts with Programs of the Geological Society of America 1996 Annual Meeting, 28(7):A431.

Feldmann, R. M., and C. Schweitzer Hopkins. 1999. Reconsideration of the family status of fossil and extant calappid crabs. Meeting Program of the Crustacean Society 1999 Summer Meeting, Lafayette, LA, p. 29-30.

Feldmann, R. M., and C. E. Schweitzer. 1999. Heterochrony and the origin of the Geryonidae. Abstracts with Programs of the Geological Society of America 1999 Annual Meeting, 31(7):A-171.

Feldmann, R. M. and C. E. Schweitzer. 2000. Reconciling the fossil record of decapods with modern biological classifications: can it be done? 1st Workshop on Mesozoic and Tertiary Decapod Crustaceans; Studi e Ricerche, Associazione Amici del Museo, Museo Civico AG. Zannato, Montecchio Maggiore (Vicenza) Italy, 6 October 2000, p. 21-23. **(R) (I) (Thomson/ISI Publication)**

Schweitzer, C. E. and R. M. Feldmann. 2000. Palaeobiogeography of fossil decapod crustaceans:

global implications of regional studies. 1st Workshop on Mesozoic and Tertiary Decapod Crustaceans; Studi e Ricerche, Associazione Amici del Museo, Museo Civico AG. Zannato, Montecchio Maggiore (Vicenza), Italy, 6 October 2000, p. 67-69. **(R) (I) (Thomson/ISI Publication)**

Feldmann, R. M. and C. E. Schweitzer. 2001. Fossil decapod crustaceans in the high latitudes: pioneers and survivors. North American Paleontological Convention 2001, June 26-July 1, 2001, Berkeley, California. **(R) (I)**

Schweitzer, C. E., and R. M. Feldmann. 2001. Combining paleontological and biological criteria within the Xanthoidea (Decapoda): toward a new view of decapod systematics, evolution, and paleobiogeography. Geological Society of America 2001 Annual Meeting Abstracts with Programs, 33(6):A-378. **(I)**

Feldmann, R. M., and C. E. Schweitzer. 2001. Remarkable preservation of fossil worms (Annelida: Polychaeta) from the La Meseta Formation (Eocene), Seymour Island, Antarctica. Geological Society of America 2001 Annual Meeting Abstracts with Programs, 33(6):A-379.

Feldmann, R. M., S. Marensi, and C. E. Schweitzer. 2001. Distribution of fossil decapod crustaceans from the La Meseta Formation (Eocene) on Seymour Island, Antarctica: changing times and changing patterns. Geological Society of America 2001 Annual Meeting Abstracts with Programs, 33(6):A378-379.

Feldmann, R. M., C. E. Schweitzer, and A. A. Garassino. 2002. The search for roots: *Palaeopemphix* is not a decapod. Geological Society of America 2002 Annual Meeting Abstracts with Programs, 34(6):A267.

Schweitzer, C. E. 2003. Progress on the fossil Xanthoidea Macleay, 1838 (Decapoda, Brachyura). Contributions to Zoology, 72(2-3):181-186. **(R) (4) (Thomson/ISI Publication)**

Schweitzer, C. E., R. M. Feldmann, D. A. Waugh, and G. Gonzáles-Barba. 2003. New Eocene fossil decapod crustaceans from Baja California Sur: a Tethyan link. Abstracts with Program, Geological Society of America 2003 Annual Meeting, Seattle, WA, 35(6): 56. **(I)**

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Parras, A., S. Casadío, R. Feldmann, and C. Schweitzer. 2003. Análisis tafonómico e interpretación paleoambiental de concentraciones dominadas por ostras y cancrejos en la Formación Puerto Madryn (Mioceno superior), Patagonia, Argentina. Argentinian Paleontological Association, Symposium on Taphonomy, Santa Rosa, Argentina, November, 2003.

Schweitzer, C. E., A. Brösing, and R. M. Feldmann. 2004. Preliminary phylogenetic analysis of the Oxystomata sensu lato (Crustacea: Decapoda: Brachyura): new hypotheses about brachyuran evolution. Abstracts with Program, Geological Society of America 2004, 36(5).

Parras, A., S. Casadío, M. Griffin, R. M. Feldmann, and C. E. Schweitzer. 2004. Age and

paleogeography of the marine transgressions at the Paleogene-Neogene boundary in Patagonia, Southern Argentina. Abstracts with Program, Geological Society of America 2004, 36(5).

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- Casadío, S., R. S. Crawford, R. M. Feldmann, M. Griffin, A. Parras, and C. E. Schweitzer. 2005. Paleobiological and taphonomic study of two Miocene South Atlantic shelf bottom communities. Abstracts with Programs, Geological Society of America 2005 Annual Meeting, 37(7): 404.
- Conkle, L. N., and C. E. Schweitzer. 2005. Gender disparity in a population of *Branchioplax washingtoniana* (Crustacea: Decapoda: Brachyura) from the Eocene of Washington, USA. Abstracts with Programs, Geological Society of America 2005 Annual Meeting, 37(7): 133-134.
- Lazăr, I., R. M. Feldmann, C. E. Schweitzer, and A. M. Shirk. 2005. Did sponges have crabs? The fauna of a unique sponge-algal cylindrical bioherm complex from the Upper Jurassic of Romania. Abstracts with Programs, Geological Society of America 2005 Annual Meeting, 37(7): 136.
- Conkle, L. N., C. E. Schweitzer, and R. M. Feldmann. 2006. Initial report on decapod crustaceans from the Miocene Bear Lake Formation, Alaska. Abstracts with Programs, Geological Society of America 2006 North-Central Meeting, 38(4): 56.
- Crawford, R. S., S. Casadío, R. M. Feldmann, M. Griffin, A. Parras, and C. E. Schweitzer. 2006. Marine record of an early Miocene catastrophic volcanic event, Monte Leon Formation, Patagonia, Argentina. Abstracts with Programs, Geological Society of America 2006 North-Central Meeting, 38(4): 56.
- Feldmann, R. M., R. W. Portell, and C. E. Schweitzer. 2006. *Costacopluma* n. sp. (Decapoda: Retroplumidae) from the Eocene Tallahatta Formation, Alabama: range extension and a reevaluation of the Retroplumidae. Abstracts with Programs, Geological Society of America 2006 North-Central Meeting, 38(4): 57.
- Schweitzer, C. E., and R. M. Feldmann. 2006. Are paddle-like pereopods a phylogenetically appropriate character within the Brachyura? Abstracts with Programs, Geological Society of America 2006 North-Central Meeting, 38(4): 56.
- Shirk, A. M., R. M. Feldmann, C. E. Schweitzer, and I. Lazăr. 2006. A novel assemblage of decapod Crustacea from a Tithonian coral reef olistolith, Purcăreni, Romania. Abstracts with Programs, Geological Society of America 2006 North-Central Meeting, 38(4): 56-57.
- Ćosović, V., C. E. Schweitzer, V. Premec Fucek, R. M. Feldmann, A. M. Shirk, and A. Moro. 2006. Orthophragminids and associated fossils in paleogeographic interpretation of transitional beds (Croatia). Anuário do Instituto de Geociências, 29: 647-648.

- Schweitzer, C. E., and R. M. Feldmann. 2006. Reevaluating prosopid decapod crustaceans: the rootstock of the true crabs. Abstracts with Programs, Geological Society of America 2006 Annual Meeting, 38(7): 555.
- Waugh, D. A., R. M. Feldmann, and C. E. Schweitzer. 2006. Preliminary examination of cuticular microstructure within the Raninoidea (Decapoda, Brachyura). Abstracts with Programs, Geological Society of America 2006 Annual Meeting, 38(7): 555.
- Feldmann, R. M., R. Green, and C. E. Schweitzer. 2007. An unusual Albian (Early Cretaceous) crab from Montana: the earliest eubrachyuran? 3rd Symposium on Mesozoic and Cenozoic Decapod Crustaceans, Memorie della Società Italiana di Scienze Naturali e del Museo Civico di Storia Naturale di Milano, 35 (II): 28-29. **(R) (Thomson/ISI Publication) (Undergraduate involvement)**
- Feldmann, R. M., and C. E. Schweitzer. 2007. A compilation of Decapoda in collections in museums on the world. 3rd Symposium on Mesozoic and Cenozoic Decapod Crustaceans, Memorie della Società Italiana di Scienze Naturali e del Museo Civico di Storia Naturale di Milano, 35 (II): 30-36. **(R) (Thomson/ISI Publication)**
- Robins, C. M., R. M. Feldmann, and C. E. Schweitzer. 2007. Primitive brachyurans and galatheids from Ernstbrunn, Austria: an evaluation of the Friedrich Bachmayer collection. 3rd Symposium on Mesozoic and Cenozoic Decapod Crustaceans, Memorie della Società Italiana di Scienze Naturali e del Museo Civico di Storia Naturale di Milano, 35 (II): 85-86. **(R) (Thomson/ISI Publication)**
- Schweitzer, C. E., R. M. Feldmann, A. M. Shirk, and I. Lazăr. 2007. Differential diversity in Jurassic sponge-algal and coralline communities, Romania. 3rd Symposium on Mesozoic and Cenozoic Decapod Crustaceans, Memorie della Società Italiana di Scienze Naturali e del Museo Civico di Storia Naturale di Milano, 35 (II): 91-94. **(R) (Thomson/ISI Publication)**
- Verhoff, J. R., Pl. M. Müller, R. M. Feldmann, and C. E. Schweitzer. A novel Paleocene decapod fauna from the Kambüchel Formation. 3rd Symposium on Mesozoic and Cenozoic Decapod Crustaceans, Memorie della Società Italiana di Scienze Naturali e del Museo Civico di Storia Naturale di Milano, 35 (II): 101-102. **(R) (Thomson/ISI Publication)**
- Waugh, D. A., R. M. Feldmann, A. Hull, K. Hein, and C. E. Schweitzer. 2007. Scaling and classification of cuticular pits in raninids. 2007. 3rd Symposium on Mesozoic and Cenozoic Decapod Crustaceans, Memorie della Società Italiana di Scienze Naturali e del Museo Civico di Storia Naturale di Milano, 35 (II): 103-104. **(R) (Thomson/ISI Publication) (Undergraduate involvement)**
- Karasawa, H., C. E. Schweitzer, and R. M. Feldmann. 2007. Systematics and phylogeny of the Portunoidea (Crustacea: Decapoda: Brachyura). Abstracts with Programs, 2007 Annual Meeting, The Palaeontological Society of Japan, June 29-July 1, 2007, Osaka, Osaka Prefecture: 57. **(R)**
- Schweitzer, C. E., and R. M. Feldmann. 2007. *Goniodromites* Reuss, 1858 (Crustacea: Decapoda:

- Brachyura: Goniidromitidae): the cockroach of the Jurassic Oceans. Abstracts with Programs, Geological Society of America 2007 Annual Meeting, 39(6): 75.
- Waugh, D. A., R. M. Feldmann, A. Hull, K. Hein, and C. E. Schweitzer. 2007. Effect of sample location and ontogeny on decapod cuticle, a case study of *Callinectes sapidus*. Abstracts with Programs, Geological Society of America 2007 Annual Meeting, 39(6): 75. (**undergraduate involvement**)
- Feldmann, R. M., C. E. Schweitzer, and D. A. Waugh. 2007. Selective biomineralization of crab cuticle: the key to a pelagic lifestyle. Abstracts with Programs, Geological Society of America 2007 Annual Meeting, 39(6): 74.
- Feldmann, R. M., and C. E. Schweitzer. 2008. Assessment of Jurassic brachyuran (Crustacean: Decapoda) diversity and paleoecology. Society for Integrative and Comparative Biology 2008 Annual Meeting Abstract Book, Abstract 81.5.
- Karasawa, H., C. E. Schweitzer, and R. M. Feldmann. 2009. Preliminary phylogenetic analysis of the Podotremata Guinot (Decapoda: Brachyura) with emphasis on the fossil families. The Crustacean Society Summer Meeting in Tokyo, Japan and the 47th Annual Meeting of Carcinological Society of Japan, September 20-24, 2009, Tokyo University of Marine Science and Technology, Shinagawa, Tokyo, Programs and Abstract, p. 80.
- Schweitzer, C. E., and R. M. Feldmann. 2010. The Tornyomatidae Glaessner, 1980, is polyphyletic. Abstracts with Program, Geological Society of America 2010 Joint Meeting, North-Central and South-Central, 42(2): 83.
- Feldmann, R. M., and C. E. Schweitzer. 2010. The oldest shrimp (Devonian-Famennian) and remarkable preservation of soft tissue. Abstracts with Program, Geological Society of America 2010 Joint Meeting, North-Central and South-Central, 42(2): 83.
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- Frăntescu, A., R. M. Feldmann, and C. E. Schweitzer. 2010. Eocene fossil decapod crustacean diversity of the Atlantic coast of South Carolina, USA. Abstracts with Program, Geological Society of America 2010 Joint Meeting, North-Central and South-Central, 42(2): 84.
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- Frăntescu, A. L., R. M. Feldmann, and C. E. Schweitzer. 2010. Eocene fossil decapod crustacean diversity difference between Italy and the Atlantic coast, USA. Abstracts, 4th Symposium on Mesozoic and Cenozoic Decapod Crustaceans: Eichstatt, Germany, June 8th-10th, 2010, p. 10.
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- Waugh, D. A., R. M. Feldmann, and C. E. Schweitzer. Advances in cuticle architecture. Abstracts, 4th Symposium on Mesozoic and Cenozoic Decapod Crustaceans: Eichstatt, Germany, June 8th-10th, 2010, p. 29.
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- Chablais, J., R. M. Feldmann, C. E. Schweitzer, M. Rossana, and R. Sylvain. 2010. Triassic decapods: new data from the Arabian shelf of the northern United Arab Emirates. 8th Swiss Geoscience Meeting, Fribourg, 2010.
- Feldmann, R. M., and C. E. Schweitzer. 2010. The challenge of integrating morphological data at the infraordinal level in assembling the decapod tree of life. Abstracts with Programs, Geological Society of America 2010 Annual Meeting, 42(5): 532.
- Schweitzer, C. E., and R. M. Feldmann. 2010. Reevaluation of the brachyuran (Crustacea, Decapoda)

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- Waugh, D. A., R. M. Feldmann, and C. E. Schweitzer. 2010. The role of amorphous calcite in decapod cuticle. Abstracts with Programs, Geological Society of America 2010 Annual Meeting, 42(5): 632.
- Robins, C. M., R. M. Feldmann, and C. E. Schweitzer. 2011. Melding molecular phylogeny with morphological studies: Examining the Galatheaidea (Decapoda: Anomura). Geological Society of America Abstracts with Programs, Northeastern and North-Central Meeting, 43(1): 22.
- Feldmann, R. M., and C. E. Schweitzer. 2011. Recent advances in decapod studies: Shrimp, lobsters, and anomurans. Geological Society of America Abstracts with Programs, Northeastern and North-Central Meeting, 43(1): 22.
- Schweitzer, C. E., and R. M. Feldmann. 2011. Recent advances in Decapod studies: The Brachyura or true crabs. Geological Society of America Abstracts with Programs, Northeastern and North-Central Meeting, 43(1): 22.
- Waugh, D. A., R. M. Feldmann, and C. E. Schweitzer. 2011. The use of cuticular characters in decapod phylogeny. Geological Society of America Abstracts with Programs, Northeastern and North-Central Meeting, 43(1): 164.
- Klomp maker, A. A., P. Artal, B. W. M. Van Bakel, R. M. Feldmann, R. H. B. Fraaije, J. W. M. Jagt, and C. E. Schweitzer. 2011. The richest Cretaceous decapod locality in the world? – An update. Geological Society of America Abstracts with Programs, Northeastern and North-Central Meeting, 43(1): 165.
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- Feldmann, R. M., C. E. Schweitzer, S. Hu, and Q. Zhang. 2011. Middle Triassic lobsters from the Luoping biota in China: morphological innovations provide new perspectives on phylogeny and evolution. Geological Society of America Abstracts with Programs, 43(5): 87.
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- Lagerstätte, China: Impact of taphonomy on systematics. *Geological Society of America Abstracts with Programs*, 44(7): 374.
- Jones, A.-M., C. E. Schweitzer, and R. M. Feldmann. 2012. Population dynamics of the fossil crab *Dakoticancer overanus*. *Geological Society of America Abstracts with Programs*, 44(7): 271.
- Klomp maker, A. A., R. M. Feldmann, and C. E. Schweitzer. 2012. The role of reefs in Mesozoic decapod evolution. *Geological Society of America Abstracts with Programs*, 44(7): 401.
- Franțescu, A., R. M. Feldmann, and C. E. Schweitzer. 2012. Diversity differences of Eocene decapod crustaceans between Atlantic and Gulf Coast, USA and Veneto Region, Italy. *Geological Society of America Abstracts with Programs*, 44(7): 401.
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- Feldmann, R. M., and C. E. Schweitzer. 2013. Decapods from the Middle Triassic Luoping Biota, China: issues of taxonomy and taphonomy. *In: M. Krobicki, ed., 5th Symposium on Mesozoic and Cenozoic Decapod Crustaceans (5 SMCDC), 25-27 June 2013, Kraków, (Poland): 9. Polish Geological Institute – National Research Institute, Warszawa, p. 21-22.*
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stratigraphic distribution of decapods in the Luoping Biota (Middle Triassic) of China: Refining faunal associations. *Geological Society of America Abstracts with Program*, 45(7): 459. [not presented]

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- Klompaker, A. A., M. Kowalewski, C. E. Schweitzer, and R. M. Feldmann. 2013. Evolutionary and environmental trends in body size of decapod crustaceans during the Mesozoic. *Geological Society of America Abstracts with Program*, 45(7): 460.
- Schweitzer, C. E., and R. M. Feldmann. 2013. Decapods (shrimp, lobsters, and crabs) and their role in the Mesozoic Marine Revolution. *Geological Society of America Abstracts with Program*, 45(7): 683. [not presented]
- Feldmann, R. M., E. Maguire, S. Casadío, and C. E. Schweitzer. 2014. Volcanic ash as a potential cause of mass kills of Cenozoic decapod crustaceans in Argentina. Abstract Volume, 4th International Palaeontological Congress, the history of life: a view from the Southern Hemisphere, p. 522.
- Schweitzer, C. E., R. M. Feldmann, S. Hu, J. Huang, C. Zhou, Q. Zhang, W. Wen, and T. Xie. 2014. The arthropod fauna in the Luoping Lagerstätte, China: evidence for episodic mass mortalities. Abstract Volume, 4th International Palaeontological Congress, the history of life: a view from the Southern Hemisphere, p. 433.
- Feldmann, R. M., and C. E. Schweitzer. 2014. Palaeobiogeographic patterns of Gondwanan decapod crustaceans. Abstract Volume, 4th International Palaeontological Congress, the history of life: a view from the Southern Hemisphere, p. 448.
- Schweitzer, C. E., and R. M. Feldmann. 2014. Decapod crustacean diversity and environments through geologic time. Abstract Volume, 4th International Palaeontological Congress, the history of life: a view from the Southern Hemisphere, p. 612
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- Feldmann, R. M., C. E. Schweitzer, S. Hu, J. Huang, Q. Zhang, W. Wen, C. Zhou, and T. Xie. 2015. Remarkable spatial distribution of organisms in the Luoping Biota (Middle Triassic), Yunnan Province, China. *Geological Society of America Abstracts with Programs*, 47(7): 570.
- Jones, W. T., R. M. Feldmann, C. E. Schweitzer, and A. J. Wendruff. 2015. The first post-Cambrian marrellomorph arthropod from North America. *Geological Society of America Abstracts with Programs*, 47(7): 562.
- Maguire, E. P., R. M. Feldmann, S. A. Casadío, and C. E. Schweitzer. 2015. Effect of Andean volcanism on Neogene marine invertebrates on Peninsula Valdés, Argentina. *Geological*

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- Sudarsky, S., C. E. Schweitzer, and R. M. Feldmann. 2015. Phylogenetic analysis of the fossil shrimp-like decapods (Dendrobranchiata, Stenopodidea and Caridea) from the Solnhofen Lagerstätte. Geological Society of America Abstracts with Programs, 47(7): 566.
- Schweitzer, C. E., and R. M. Feldmann. 2015. Diversity and niche partitioning in primitive crabs (Decapoda: Brachyura). Geological Society of America Abstracts with Programs, 47(7): 206.
- Feldmann, R. M., and C. E. Schweitzer. 2016. Recent revolution in decapod paleontology. Abstract, 6th Symposium on Mesozoic and Cenozoic Decapod Crustaceans: 25-26.
- Schweitzer, C. E., and R. M. Feldmann. 2016. Brachyura during the Cretaceous: Niche partitioning, evolution, and diversity. Abstract, 6th Symposium on Mesozoic and Cenozoic Decapod Crustaceans: 65-66.
- Maguire, E. P., R. M. Feldmann, C. E. Schweitzer, and S. Casadío. 2016. Taphonomy and diagenesis of fossil-bearing concretions in volcanic ash from southern Patagonia, Santa Cruz Province, Argentina. Geological Society of America Abstracts with Programs, 48(7).
- Tashman, J. N., R. M. Feldmann, and C. E. Schweitzer. 2016. Taphonomic inferences drawn from epibionts on late Oligocene crabs of the Keasey Formation, Columbia County, Oregon. Geological Society of America Abstracts with Programs, 48(7).
- Schweitzer, C. E., and R. M. Feldmann. 2016. Decapod diversity and environments. 9th Brazilian Crustacean Congress, Juazeira do Norte, Crato, Brazil, November 6-9, 2016. (I).
- Maguire, E. P., R. M. Feldmann, C. E. Schweitzer, and S. Casadio. 2017. Volcanic ash and exceptional fossil preservation: insights into Taphonomy and early diagenesis. Geological Society of America Abstracts with Program, 49 (6): doi: 10.1130/abs/2017AM-303359.
- Philippi, D., C. E. Schweitzer, and R. M. Feldmann. 2017. Utility of NodeXL in investigating paleoecology and paleobiogeography of fossil decapod crustaceans. Geological Society of America Abstracts with Program, 49 (6): doi: 10.1130/abs/2017AM-301395.
- Tashman, J. N., R. M. Feldmann, N. A. Wells, and C. E. Schweitzer. 2018. Morphological variation of the Pennsylvanian horseshoe crab *Euproops danae* (Meek and Worthen, 1865) from the lower Mercer Shale of Windber, Pennsylvania, USA. 9th International Crustacean Congress (ICC9), Washington DC, May 22-25, 2018, poster.
- Schweitzer, C. E., and R. M. Feldmann. 2018. Paleoecology of podotrematous crabs and galatheid anomurans. 9th International Crustacean Congress (ICC9), Washington DC, May 22-25, 2018, poster.
- Feldmann, R. M., M. Schinker, C. E. Schweitzer, and E. Maguire. 2018. Preliminary phylogenetic analysis of the enigmatic Cycloidea. 9th International Crustacean Congress (ICC9), Washington DC, May 22-25, 2018, poster.

Maguire, E. P., R. M. Feldmann, C. E. Schweitzer, and S. Casadio. 2018. Volcanic mass-death events and exceptional fossil preservation: lessons from the Ancient Romans. 9th International Crustacean Congress (ICC9), Washington DC, May 22-25, 2018, oral presentation.

Schweitzer, C. E., R. M. Feldmann, S. K. Hoffman, D. Phillipi, K. Reuter, and J. Shinsky. 2018. Classification of shrimp fossils (Decapoda: Dendrobranchiata, Caridea): problems and progress. Geological Society of America *Abstracts with Programs*. Vol. 50, No. 6 doi: 10.1130/abs/2018AM-318908.

Feldmann, R.M., C. E. Schweitzer, and M. Schinker. 2018. Morphologic character definition of the root-stock of Cyclida (Arthropoda, Crustacea?). Geological Society of America *Abstracts with Programs*. Vol. 50, No. 6 doi: 10.1130/abs/2018AM-319735.

Klomp maker, A. A., K. M. Kettman, N. Sirison, G. Lopez, A. Camargo, C. E. Schweitzer, and R. M. Feldmann. 2018. Opposite trends in body size versus length-width ratios of crabs throughout the Meso-Cenozoic. Geological Society of America *Abstracts with Programs*. Vol. 50, No. 6 doi: 10.1130/abs/2018AM-322050.

Bogan, Brooke, R. Martindale, R. M. Feldmann, and C. E. Schweitzer. 2020. Morphological insights into the lobster *Uncina* based on new material from the Yaha Tinda Lagerstätte, Canada (early Jurassic). Geological Society of America *Abstracts with Programs*. Vol. 52.

EXTERNAL GRANTS RECEIVED/SUBMITTED

National Geographic Society, Grant 6265-98, 1998 - 1999 - Paleobiogeography of North Pacific Decapod Crustaceans (\$16,865) - Co-Principal Investigator with Rodney M. Feldmann

National Science Foundation, Grant INT-0003058, 2000-2002 - The Mexican Connection: Global Paleobiogeographic Implications from a Regional Study (\$31, 244) - Co-Principal Investigator with Rodney M. Feldmann

2002-2003 Information Literacy Fellowship Grant at BGSU and KSU, \$5000.00-“Information Literacy for Geology and Middle Childhood Education Students,” participant with Rob Kairis, Maureen Kilcullen, and William Kist, all of KSU Stark.

National Science Foundation, August 2003, INT-0313606, \$47,652, US-Romania Research: Jurassic and Cretaceous decapod crustaceans from Romania: early radiation patterns in the Decapoda, Co-Principal Investigator with Rodney M. Feldmann.

National Science Foundation, Sept. 2005-2012, EF-0531670, \$462, 066, Collaborative Research: AToL: Morphological and Molecular Phylogeny of the Decapod Crustaceans, PI with Rodney M. Feldmann in collaboration with Darryl L. Felder, University of Louisiana at Lafayette, Joel W. Martin, Los Angeles County Museum of Natural History Foundation, and Keith A. Crandall, Brigham Young University.

National Science Foundation, Feb. 2006, EF-0531670, Collaborative Research: AToL: Morphological and Molecular Phylogeny of the Decapod Crustaceans-REU Supplement-\$7500.00-PI with Rodney M. Feldmann.

National Science Foundation, Apr. 2007, EF-0531670, Collaborative Research: AToL: Morphological and Molecular Phylogeny of the Decapod Crustaceans-REU Supplement-\$13,339.00-PI with Rodney M. Feldmann.

National Science Foundation, Apr. 2007, EF-0531670, Collaborative Research: AToL: Morphological and Molecular Phylogeny of the Decapod Crustaceans- International Supplement-\$11,844.00-PI with Rodney M. Feldmann.

Smithsonian Institution, United States National Museum of Natural History, Division of Paleobiology, Visiting Researcher, August 2008, \$1000.00.

National Science Foundation, OISE-1126137, \$12380, Sept. 1, 2011-2013, Catalyzing New International Collaborations: Decapod Crustaceans in a Triassic Lagerstätten in China, Co-PI with PI Rodney M. Feldmann.

National Geographic Society, June 2012, Paleobiogeographic impact of new fossil arthropods from the Middle Triassic Luoping Lagerstätte, Yunnan, China, \$15,340, Additional Participant.

National Science Foundation, September 2012, EAR-1223206, Diversity of Decapod Crustaceans through time based on a unique species-level database, PI, \$100,000.

National Science Foundation, July 2013-2015, IIA-1307161, US-Poland Project Development: Research on Rare Horseshoe Crabs in a Jurassic (160-145 million years old) Fossil Deposit in Poland, Co-PI, \$27,518

National Science Foundation, August 5, 2014, DBI 1429113, MRI: Acquisition of an Intuitive Multi-Touch Scanning Electron Microscope to Enhance Research as well as Undergraduate Student Research and Natural Science Courses, Co-PI, \$161,039.

Muskingum Watershed Conservancy District, Partners in Watershed Management Assistance Program, Watershed Education Project, PI, \$16,126, March, 2015.

Dominion Higher Education Partnership, Technology-Enhanced Learning and Research in Geology and Environmental Studies, PI, \$34,000, July, 2015.

National Science Foundation, February 2018, EAR 1802718, "Travel support for student and amateur participation in the 9th International Crustacean Congress, Washington DC, May 22-25, 2018," \$11,032, Co-PI.

Dominion Energy Charitable Foundation Environmental Education and Stewardship Grant, April, 2018, Kent State Stark Teaching and Learning Green Space Initiative: Plants through the Ages, \$10,000.

Dominion Energy Charitable Foundation Environmental Education and Stewardship Grant, January 2021, Water Resources Initiative: STEMM and Environmental Education and Outreach on Water Resources at Kent State University at Stark, \$14,190.

PALEOBIOLOGY DATABASE ONLINE SYSTEMATICS ARCHIVE

Decapod systematic data (classification, taxonomy) contributed and managed by me and R. M. Feldmann can be accessed at the [Paleobiology Database](#).

NAGT On the Cutting Edge Teaching Activity Collection (peer reviewed)

https://serc.carleton.edu/NAGTWorkshops/activity_review.html

Differential Taphonomy of Shells, Carrie E. Schweitzer and Rodney M. Feldmann, May 11, 2018

Paleobiology: Evolution and Extinction, Carrie E. Schweitzer, May 11, 2018

INTERNAL FUNDS RECEIVED/SUBMITTED

Research and Graduate Studies, Kent State University, February 2002, Page charge support (\$693.33), "New Eocene decapods from southern California," *Journal of Crustacean Biology*.

Division of Research and Graduate Studies, Kent State University, November 2002, Research Support less than \$500.00, Population dynamics of Pleistocene decapods from Guam (\$113)

University Research Council, Kent State University, November, 2002, Research Support more than \$500.00, Funds for purchase of new computer for research (\$1800)

University Research Council, 2003 Summer Research and Creative Activity Appointment, Kent State University, \$6500 salary.

Division of Research and Graduate Studies, Kent State University, 2003, article reprint charges, "Homolidae de Haan, 1833..." in *Journal of Paleontology*, \$69.50.

University Research Council, December 2003, Research support more than \$500.00, Funds for research travel to Barcelona, Spain, during summer 2004 (\$2500.00).

Division of Research and Graduate Studies, Kent State University, March 2006, \$633.33, page charges for *Journal of Crustacean Biology* article.

KSU Libraries and Media Services Purchase for Major Research Collections, \$1875.02, Spring 2006, monies for development of Paleontological and Biological collections in KSU Library, with R. M. Feldmann.

Division of Research and Graduate studies, Summer 2007, ~\$2000.00, page charges for *Journal of Crustacean Biology* article.

Department of Geology and Kent State Stark Campus, Fall 2007, \$299.00, reprint charges for *Journal of Crustacean Biology* article.

KSU Foundation Grant, Enhancing 3-D visualization in Geoscience Education, 2009, \$15, 875, funds to purchase Geowall Technology and Emriver stream table for the Department, submitted by Chair D. Holm, written by me as Chair of Recruitment Committee.

KSU University Teaching Council (UTC) Grant 976, December 2011, \$965.00, Teaching Development materials for Invertebrate Paleontology, GEOL 34064.

Undergraduate Research Assistantship, Kent State University at Stark, Spring 2012, Evaline Johnson.

Undergraduate Research Assistantship, Kent State University at Stark, Fall 2012, Evaline Johnson.

KSU Foundation Grant, Geology Program Expansion and Enhancement, 2013, \$21,000, funds to purchase microscopes and other laboratory materials for teaching at Stark Campus

Undergraduate Research Assistantship, Kent State University at Stark, Summer 2013, Evaline Johnson.

Spring 2013 A&S Research Incentive Award, awarded to Anne Jefferson, Abdul Shakoor, Neil Wells, Rodney Feldmann, Carrie Schweitzer, Alison Smith and Joseph Ortiz, Surveyor's Total Station: Vital Resource for Collaborative Research in the Geology Department, \$7990.

KSU University Teaching Council (UTC) Teaching Development Grant, Models of Foraminiferans for teaching Invertebrate Paleontology, All About the Oceans, and Paleoceanography, \$1000, December, 2015

Undergraduate Research Assistantship, Kent State University at Stark, Spring and Fall, 2016, Kristina Doering-Hippich.

Undergraduate Research Assistantship, Kent State University at Stark, Fall, 2017, Daniel Philippi.

University Research Council, Division of Research and Sponsored Programs, Fall 2017, page charges for *Cretaceous Research*, \$394.33.

Undergraduate Research Assistantship, Kent State University at Stark, Fall, 2018, Jenna Shinsky.

Undergraduate Research Assistantship, Kent State University at Stark, Fall, 2019, Meagan Beamer.

UNIVERSITY-WIDE AND COMMUNITY LECTURES/TALKS/PANELS

"Fossil decapods from Antarctica," Talk for the 7:30 Club, July 2001, a Canton association of business and university professionals.

"Paleontology at the end of the world: Fossil crabs from Antarctica," Colloquium for 2001-2002 Faculty Colloquium Series, KSU Stark.

"Diversity and paleoecology of fossil decapod crustaceans," Talk for Stark Gem and Mineral Club, November 5, 2002, 7:30 pm.

"Frames of Reference--Drawings by Carrie Schweitzer and John Lovell," Guest question/answer session for Art students, KSU Stark, in conjunction with Art Exhibition of same title, showing my drawings for publications, January 30, 2003, 11 am

- “Evolution of lobsters, shrimps, and crabs,” Talk for Stark Gem and Mineral Club, March 1, 2005, 7:30 pm.
- “Cold crabs: significance of fossil decapods from Antarctica,” Colloquium for Department of Geology, Kent State University, Jan. 27, 2006
- Women in Science Panel, participant, KSU Stark Campus, Women’s History Month Committee and Diversity Committee, April 20, 2006
- “Research on Fossil Crabs,” presentation for Biology Club, KSU Stark Campus, Nov. 29 and Dec.6, 2006
- “Differential Diversity among crabs from Sponge and coral reef environments, Jurassic, Romania,” talk for North Coast Fossil Club, Parma, Ohio, April 21, 2007, 10:30 am
- “Differential Diversity among crabs from Sponge and coral reef environments, Jurassic, Romania,” talk for Retired Faculty Club at Kent State Stark Campus, November 8, 2007, 12:00 pm.
- “Explosive Evolution of Jurassic Crabs,” talk for Darwin’s 200th Birthday, February 12, 2009, Library Conference, Kent State University Stark Campus, 4:30 pm, Geology Club and History Club.
- “Geology of the US National Parks and Monuments,” talk for Geology Club, October 15, 2009, 4:30 pm, Kent State University at Stark
- “Everything I need to know I learned on a geology field trip,” Featured Speaker, Academic Achievement Dinner, KSU at Stark, April 28, 2013
- “Triassic Paleontology in China,” talk for Stark Gem and Mineral Club, April 7, 2016, 7:30 pm, Sippo Lake
- “Triassic Paleontology in China,” talk for Pittsburgh Geological Society, May, 2016, 8 pm, Pittsburgh, Pennsylvania
- “Environmental Sediment Core Sampling: a way of simulating Paleoceanographic Research,” October 21, 2016, University Teaching Council, poster presentation by Geology Students Brian Rasile and Jeffrey Timmons, awarded Best Poster
- “Application of Paleoclimatological Principles using Microfossil Models,” October 21, 2016, University Teaching Council poster presentation
- “Geology of the National Parks,” March 14, 2017, Faculty Lecture, KSU Alumni Association, Main Hall Stark Campus
- “Decapod Crustacean Paleoecology: Case Studies,” talk for North Coast Fossil Club, Parma, Ohio, August 17, 2019
- “The enigmatic Cyclida,” KSU at Stark Faculty Colloquium, November 15, 2019

COMMUNITY OUTREACH/WORKSHOPS GIVEN

Girl Scouts Great Trail Council, Stark County, Geology Rocks Badge Program, October 2005, 40 girls participated. ([geology](#)) ([rocks](#))

Discovering Fossils Program, July 3, 2007, Stark County District Library, Lake Community Branch, 11955 Market Ave. N., Uniontown, OH 44685, contact: Jennifer Welsh, Children's Librarian, 24 children ages 5-10 participated.

Hands-On Geology with a Real Geologist, January 14, 2009, Ransom H. Barr Elementary, 2000 47th Street NE, Canton, OH 44705-2927, 5th Grade, contact: Katie Prather, 55 children participated.

Geology Department Open House, October 10, 2009, organized and over saw homecoming-related open house event with demonstrations, tours, scavenger hunts, make-your-own fossil table

Hands-On Geology with a Real Geologist, January 21, 2010, Ransom H. Barr Elementary, 2000 47th Street NE, Canton, OH 44705-2927, 5th Grade, contact: Katie Prather, 45 children participated.

Early-Bird Outdoor Show, Stow Armory, Stow, Ohio, March 13-14, 2010, Designed and staffed a booth on local geology and Kent State University Geology.

Geology Department Open House, October 9, 2010, organized and over saw homecoming-related open house event with demonstrations, tours, scavenger hunts, make-your-own fossil table

Aurora Elementary Schools, Bus 11 Fossil Club Workshop, November 20, 2010, 7 children participated in fossil activities at the Kent Campus.

Assisted with set-up and promotion of Earth Science Education Workshop, “Bringing Real Earth Inquiry into the Classroom”, presented at KSU by Dr. Robert Ross of Paleontological Research Institution, January 29, 2011.

Hands-On Geology with a Real Geologist, March 9, 2012, Ransom H. Barr Elementary, 2000 47th Street NE, Canton, OH 44705-2927, 4th Grade, contact: Katie Prather, 3 classes participated.

Geologic Walk Through Time, Tuscarawas Valley Desk and Derrick Club, September 10, 2015, 20 participants.

Palaeocast Episode 96: Decapods. <<http://www.palaeocast.com/decapods/>>. Posted January 1, 2019. Palaeocast is a non-profit organization to communicate palaeontological information to the public.

PROFESSIONAL DEVELOPMENT

“Borderline Personality Disorder: Effective Treatment with the Impossible Client,” presented by J. W. Shannon, Community Partners Education and Research Alliance, May 6, 2005, 6 CE credits.

Earth Science Education Workshop, “Bringing Real Earth Inquiry into the Classroom”, presented at

KSU by Dr. Robert Ross of Paleontological Research Institution, January 29, 2011.

Excel I, Maplewood Career Center Adult Education, Ravenna, Ohio, 15 hours, February-March 2013

Excel II, Maplewood Career Center Adult Education, Ravenna, Ohio, 15 hours, March-April 2013

Arthropod Phylogeny Short Course, Greg Edgecombe, The Natural History Museum, London, UK, instructor, 4th International Palaeontological Congress, October 1, 2014

The 15-Minute Map: Creating a Basic Map in ArcMap. Web course, ESRI Training, esri.com/training. 3 hours of training, completed June 19, 2015.

Pedagogy and Technology in the Modern Paleontology Classroom, Workshop organized by the Paleontological Society, Geological Society of American Annual Meeting, Indianapolis, IN, one day workshop, November 2018

Remote Instruction: Student Engagement Workshop, CTL, Kent State University, 3 hour workshop + online content, June 2020

Introduction to Remote Teaching, Synchronous vs. Asynchronous, Stark DLCoP, 8+ sessions, Summer 2020

Teaching remotely with new classroom technology, Information Services Training and Outreach, August 12, 2020

Peer Reviewing Remote Courses, Stark DLCoP, October 9, 2020

Learning Data Science: Understanding the Basics, LinkedIn Learning, 12/29/2020

Teams vs Collaborate, Stark DLCoP, January 14, 2021

EXHIBITIONS

“Frames of Reference--Drawings by Carrie Schweitzer and John Lovell,” January, 2003, Exhibition of drawings by Carrie Schweitzer, Geology, and John Lovell, Biology, in the Fine Arts Building, KSU Stark. Drawings used for research and publications were exhibited with the assistance of Jack McWhorter, Art

STARK CAMPUS DEVELOPMENT/COMMUNITY OUTREACH

[Geologic Time Scale Walk](#), 2007, designed signage, secured copyright and usage permissions for artwork, planned sign placement; signage includes five 2' x 3' signs and sixteen 12" square signs.

[Planet Walk](#), 2007, designed signage, planned sign placement; signage includes one 2' x 3' sign and ten 12" square signs.

Earth Day Celebration 2007, Stark Campus, Geologic Time Scale Walks.

Earth Day Celebration 2008, Stark Campus, Geologic Time Scale Walks, Mock Fossil Dig, Geology Club Activities for Children

Earth Day Celebration 2009, Stark Campus, Geologic Time Scale Walks, Mock Fossil Dig, Geology Club Activities for Children, Honors Environmental Geology student-designed pamphlets

“The Waterfront,” movie showing for Earth Day, April 21, 2009, panel discussion participant on water-related issues.

First Class Act, April 23, 2009, LER-instructor for campus event for incoming first-year students for 2009-2010 academic year, gave three 20 minute mini-LER Oceanography lectures on global warming

Earth Day Celebration 2010, Stark Campus, Geologic Time Scale Walks, Mock Fossil Dig, Geology Club Activities for Children

First Class Act, April 22, 2010, LER-instructor for campus event for incoming first-year students for 2010-2011 academic year, gave two 20 minute mini-LER Oceanography lectures on global warming.

Earth Day Celebration 2011, Stark Campus, Geologic Time Scale Walks, Mock Fossil Dig, Geology Club Activities for Children

[Plant](#) Evolution Garden, 2019, designed signage, obtained plants, planted plants with students, planned sign placement; signage includes two 2' x 3' signs and three 12" square signs, wrote guidebook which is online.

Teaching Honors: KSU Stark Distinguished Teaching Award, 2005; KSU Stark Distinguished Teaching Award Finalist, 2004, 2012, 2013, 2020; KSU College of Arts and Sciences Student Advisory Council Distinguished Teaching Award, 1999, nominee and finalist.

Advising Honors: 2005-2006 Student Organization Advisor of the Year, Stark Campus, Geology Club

Honors Projects, Undergraduate Independent Studies, Student Publications:

Spring 2002--Millicent Davis, Feasibility of Recycling at KSU Stark

Fall 2002--Michael Hanna, Effects of Global Warming in Ohio (**Published Stark Writing Center Review**)

Fall 2002--Joanna Hetler, creation of KSU Stark Geology Club, Kelleys Island Field Trip Guidebook, Bogs of Northeastern Ohio Field Trip Guidebook (**Published Stark Writing Center Review**)

Spring 2003--Joanna Hetler, Paleontological evaluation of a new species of *Asthenognathus* (Crustacea: Decapoda) (**Published in Peer-Reviewed Journal Article**)

Spring 2003--Kristina Pochedly, Paleoecology of a Pleistocene decapod population from Guam (**Published in Peer-Reviewed Journal Article**)

Fall 2003--Katina Lopez, Zebra Mussels in Lake Erie

Spring 2004--Joanna Hetler, New species of Oligocene crabs from Puerto Rico (Published in Peer-Reviewed Journal Article)

Spring 2004--Nicole Sopp, "Mysteries of the Deep Sea"
Summer 2004--Allen Hill, Powerpoint presentations and lesson plans for high school Earth Sciences curriculum
Fall 2004--Angela Collmar, Cretaceous Palaeoxanthopsidae from Puerto Rico (**Published in Peer-Reviewed Journal Article**)
Fall 2006--Jessica Pettite, Powerpoint presentations and lesson plans for middle school Earth Sciences Curriculum
Spring 2009—Caitlin Jones, ‘The Wonders of Rock Salt,’ Fall 2008 Earth Dynamics (**Published Stark Writing Center Review**)
Spring 2011—Lerin Baltzly, Cretaceous crabs from New Jersey
Spring 2016—Katherine Sherry, “The problem with subsidence in Ohio,” Spring 2016 (**Published Stark Writing Center Review**)
Spring 2017-- Katherine Sherry, “The Extinct *Dunkleosteus*,” Fall 2016 (**Published Stark Writing Center Review**)
Spring 2018 – Jenna Shinsky
Fall 2019 – Cheyenne Clawson
Spring 2020 – Sara Hoffman

TEXT REVIEWS

Brooks/Cole/Wadsworth, *Oceanography: An Invitation to Marine Science*, 7th edition Review, 2011
Pearson/Prentice Hall, Essentials of Oceanography/Introductory Oceanography Review, 2007
McGraw-Hill Companies, Introductory Oceanography text (new book), 2005
Pearson/Prentice Hall, Environmental Geology Today, McConnell, 2004
Brooks/Cole Publishing Company, Physical Geology Laboratory Manual review, 2000

SCHOLARSHIPS AND AWARDS

Distinguished Teaching Award, KSU Stark Campus, Finalist, Spring 2021
Distinguished Teaching Award Finalist, KSU Stark Campus, Spring 2020
KSU Alumni Association DTA finalist, 2019
Fellow, Paleontological Society, 2018
President’s Faculty Excellence Award, Spring 2017
Distinguished Teaching Award nominee, KSU Stark Campus, Spring 2017
Fellow, Geological Society of America, May 2016
Distinguished Teaching Award nominee, KSU Stark Campus, Spring 2015
Outstanding Research and Scholarship Award, Kent State University, 2013
Distinguished Teaching Award Finalist, KSU Stark Campus, Spring 2013
Distinguished Teaching Award Finalist, KSU Stark Campus, Spring 2012
AWG (Association of Women Geologists) Distinguished Lecturer, 2011-2015
Distinguished Teaching Award nominee, KSU Stark Campus, Spring 2011
Distinguished Teaching Award nominee, KSU Stark Campus, Spring 2008
Distinguished Teaching Award nominee, KSU Stark Campus, Spring 2007

Student Organization Advisor of the Year, 2005-2006, KSU Stark Campus, Geology Club.

Distinguished Teaching Award, KSU Stark Campus, Spring 2005

Distinguished Teaching Award Finalist, KSU Stark Campus, Spring 2004

2004 Distinguished Woman Award Nominee, Professional Women of Kent State University, Spring 2004

Doris M. Curtis Memorial Fund for Women in Science Award, Geological Society of America, Honorable Mention, 2001

Kent State University College of Arts and Sciences Student Advisory Council Distinguished Teaching Award, Nominee and Finalist, 1999

Outstanding Ph.D. Student, Kent State University Department of Geology, 1999

Sigma Xi Graduate Student Award, Master of Science, Kent State University, 1997

Outstanding Achievement in Master's Thesis Research, Kent State University, 1997

Graduate Student Senate Meeting Travel Awards, Kent State University, 1995-1999

Amoco Alumni Scholarship, Kent State University Department of Geology, 1995

Magna Cum Laude, GPA = 3.88, Biology Department Honors, Hiram College, 1993

Phi Beta Kappa, Hiram College, 1992

K. I. Brown Scholarship, Hiram College, 1991-1993

President's Scholarship, Hiram College, 1989-1993

PROFESSIONAL AFFILIATIONS

[Geological Society of America](#), Fall 1995-present

[Paleontological Society](#) (US), Spring 1996-present

[The Crustacean Society](#), January 1998-present

Sigma Gamma Epsilon, Fall 1995-present

Sigma Xi, April 1997-present

[Palaeontological Association](#) (UK) 2001-present

[Paleontological Research Institution](#) 2004-present

[National Association of Geoscience Teachers](#) 2010-2015

SERVICE

KSU Stark

Faculty Coordinator, Department of Geology

Fall 2001-present

Faculty Search Committee, Art History

Spring 2002

Faculty Colloquium Committee

2002-2003 Academic Year

Artist-Lecture Committee, Stark Campus	Spring 2002-Spring 2004
Geology Department Library Representative	Fall 2002-present
Geology Undergraduate Advisor	Fall 2002-present
Faculty Advisor, Kent State Geological Society Stark	Fall 2002-present
Peer Review for Dr. Molly Lindner	Spring 2003
Writing Center Review Reader	Spring 2003 - 2008
Distinguished Teaching Award Selection Committee	Spring 2003
Chair, Faculty Colloquium Committee	2003-2004 Academic Year
Committee II	2004-2005 Academic Year
Chair, 2005-2007 Theme Selection Committee	Fall 2004
Ad-Hoc Committee for Recycling Publicity and Awareness	Summer 2005-present
Distinguished Teaching Award Selection Committee	2005-2006 Academic Year
Disciplinary Committee	2006-2007
Search Committee, Tenure-Track Physics	2006-2007
Pond Dedication Committee	2005 - 2007
Chair, Distinguished Teaching Award Committee	2006-2007 Academic Year
Distinguished Teaching Award Committee	2007-2008 Academic Year
Science Building Design Ad-Hoc Committee	2008-2015
Committee on Environmental Media Center	2008-2009
Distinguished Teaching Award Committee	2008-2009 Academic Year
Handbook Committee	2010-2011 AY
BSCI Search Committee	2011-2012 AY
GEOL NTT Search Committee, Chair	2011-2012 AY
BSCI Search Committee	2012-2013 AY
BSCI Search Committee	2013-2014 AY
Committee II	2014-2015, 2015-2016 AY
Memorial Garden Ad-Hoc Committee	2015-2016
Handbook Committee	2016-2017 Ay
Mudroom Student Employee Supervisor	2015-present
Distinguished Teaching Award Committee	2017-2018 Academic Year
Geography Search Committee	2019
Ad-Hoc Strategic Proposal Review Committee	2019

Budget Committee		2019-
	present	
Co-Chair, search for Assistant Dean of Academic Affairs	2020	
<u>Department of Geology, KSU</u>		
Faculty Advisory Committee	2002-2004	
Speakers Program Committee	2001-2003	
Undergraduate Studies/Curriculum Committee	2001-2006; 2013-present	
Student Academic Complaint Committee	2002-2004	
Graduate Faculty Committee	2002-2004	
AQIP Committee for Assessment	2002-2003	
Chair Review Committee	Spring 2003	
Graduate Studies Committee	2003-2009	
Ad-Hoc Committee for Undergraduate Recruitment	2005-present	
M. S. Thesis Committee, Aubrey Shirk	2005-2007 (graduated)	
M. S. Thesis Committee, Robert Crawford	2005-2007 (graduated)	
M. S. Thesis Committee, Elizabeth Rhenberg	2005-2007 (graduated)	
Ad-Hoc Committee for Alumni Newsletter	Fall 2005-2008	
Undergraduate Advisor		2006-present
M. S. Thesis Committee, James Verhoff	2006-2008	
M. S. Thesis Committee, Cristina Robins	2006-2008 (graduated)	
Faculty Advisory Committee		2006-2008
Chair Search Committee		2007-2008
M. S. Thesis Committee, Ovidiu Franțescu	2007-2009 (graduated)	
Chair, Geology Recruitment Committee/Tsar	2006-present	
Graduate Faculty Committee		2008-2009
Faculty Advisory Committee		2009-2013
CORE Workshop Representative		2009
SAC Committee		
	Spring 2010, Summer 2010, Summer, Fall 2012	
Search Committee, NTT Assistant Professor		Spring 2010

Ph.D. Committee, Adiel Klompmaker	2010-2012 (graduated)
Ph.D. Committee, Adina Franțescu	2010-2013 (graduated)
Ph.D. Committee, Cristina Robins	2010-2013 (graduated)
Undergraduate Researcher, Corey Maxwell	Spring 2010
Ph.D. Committee, Ovidiu Franțescu	2011-2013 (graduated)
Graduate Studies Committee	2011-2012
Ph.D. Committee, David Waugh	2011-2013 (graduated)
M.S. advisor, AnnMarie Jones	2011-2013 (graduated)
Ad-Hoc Search Committee, 2 TT positions	2012 spring
M. S. Thesis Committee, Krystyna Kornecki	2012-2014 (graduated Dec 2014)
M. S. Thesis Committee, Eric Sload	2012-2014 (graduated Aug. 2014)
M. S. Thesis Committee, Jessica Tashman	2012-2014 (graduated Dec. 2014)
M. S. Thesis Committee, Ashleigh Steppe	2013-2014 (graduated Dec. 2014)
Ad-Hoc Search Committee, TT position	2013 spring
M. S. Thesis Committee, Samantha Yost	2014-2019 (graduated)
Ph.D. Committee, Wade Jones	2014-2016 (graduated)
M.S. Advisor, Sergio Sudarsky	2014-2016 (Graduated Dec. 2016)
Ph.D. Committee, Jessica Tashman	2014-present
M.S. Thesis Committee, Evin Maguire	2013-2015 (graduated Dec. 2015)
Ad-Hoc Search Committee, TT position	2017 spring
M.S. Thesis Committee, Heedar Bahman	2016-2018 (graduated)
Student Volunteer Supervisor, Fossil Cataloging	2016-present
Ph.D. Committee, Evin Maguire	2017-present
M. S. Advisor, Katherine Reuter	2017-2019 (graduated)
Ph.D. Committee, Heedar Bahman	2018-

M.S. Committee, Raelyn Eckert	2018-
Ad-Hoc Search Committee, TT position	2018-2019
M. S. Committee, Catherine Harris	2013-2019 (graduated)
M. S. Thesis advisor, Samantha Hartzell	2020-
M.S. Thesis advisor, Jennifer Miller	2020-
M. S. Thesis co-advisor, Dalton Thompson	2020
M. S. Thesis co-advisor, Joshua Tungate	2020-

Regional Campus System

Faculty Mentor for Heather Cunningham, NTT Instructor in Geology, Tuscarawas	2003-2005
Faculty Mentor for Michael Conklin, Instructor in Geology	2006-2010
Faculty Mentor for Angela Hull, Instructor in Geology	2007-present
Faculty Mentor for Steven George, Instructor in Geology	2007-2010
Faculty Mentor for David Waugh, Instructor in Geology	2009
Search Committee, TT Assistant Professor of Geology, Tuscarawas Campus	2010
Faculty Mentor for Richard Storck, Instructor in Geology	2010
Faculty Mentor for Jason Blackburn, Instructor in Geology	2011
Faculty Mentor for Tej Gautam, Instructor in Geology	2011
RC-PAB	2012 spring
Faculty Mentor for Eric Taylor, NTT Assistant Professor in Geology	2012-
Faculty Mentor for Ovidiu Franțescu, Adjunct Professor in Geology	2014
Faculty Mentor for Adina Franțescu, Adjunct Professor in Geology	2014

College of Arts and Sciences

Dissertation Defense Moderator (2), College of Arts and Sciences	Summer
	2003
Summer and Academic Year Research and Creativity Awards Committee	AY
	2003-2004

Kent State University

Honors College Undergraduate Independent Study Advisor, Course Instructor	2002-present
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Member of Outstanding Research and Scholarship Award science subcommittee (for URC) Spring	2015, 2016, 2017, 2019
Strategic Enrollment Committee	2020
<u>Paleontological Society</u>	
Sepkoski Grant Committee	
	2006-present
Strimple Award (Award for Amateur Paleontologists) Committee	Spring 2012, 2013
<u>Paleobiology Database</u>	
Executive Committee member	2012-2015
<u>The Crustacean Society</u>	
TCS Awards Committee	
	2007, 2015
Ninth International Crustacean Congress, May 2018, Washington, DC, Session Co-Organizer/Co-Chair, Crustacean Paleobiology I, Crustacean Paleobiology II, Paleobiology Poster Session	2018
Ninth International Crustacean Congress, May 2018, Washington, DC, Field Trip Co-organizer, Maryland Miocene, May 2018	2018
<u>National Science Foundation</u>	
Grant Reviewer	
	2006, 2007, 2009, 2012, 2014 (4)
<u>Austrian Science Fund</u>	
	2013
Grant Reviewer	
<u>Deutsche Forschungsgemeinschaft (German Research Foundation)</u>	
Grant Reviewer	
	2016

Grant Reviewer	(Nov.)	
Grant Reviewer	(May)	2020
	(March)	2021

Manuscripts Reviewed

Journal of Paleontology (USA) Sept. 2016, Feb. 2017; Sept. 2018, March 2019

Paleontological Society Short Course notes

Journal of Crustacean Biology Pre-September 2013, May 2016, June 2017, September 2018, February 2019, May 2019

Gondwana Research

Palaios (May 2017; March 2021)

Paleontological Research (Japan)

Scripta Geologica (Netherlands) December 2013

Palaeontology (UK)

Caribbean Journal of Science

Proceedings of the Biological Society of Washington

Neues Jahrbuch für Geologie und Palaontologie Pre-September 2013 (3), December 2016, January 2018, April 2019, November 2019, December 2019, August 2020

Zootaxa May 2014, October 2018, March 2019, November 2019, May 2020, October 2020

Journal of Systematic Palaeontology December 2013, May 2014 (2), May 2015, Nov. 2015

Palaeogeography, Palaeoclimatology, Palaeoecology December 2013

Contributions to Zoology, November 2014

Bulletin of Geosciences (Czech Geologic Survey), March 2015

Palaeodiversity (Germany) June 2015, February 2020

Acta Zoologica Cracoviensia (Poland) October 2015

Palaeontologica Electronica (January 2016, August 2017, May 2018)

PeerJ October 2016, January 2018, February 2018

Bulletin of the Geological Society of France (October 2016)

Nature Scientific Reports (Feb. 2017)

Molecular Phylogenetics and Evolution (Feb. 2017)

Revista Brasileira de Paleontologia (Feb. 2017)

Palaeogeography, Palaeoclimatology, Palaeoecology (April 2017)

PloS One (April 2017, July 2017—same ms 3 times, November 2017 (2 x), Feb. 2018, July 2020)

The American Naturalist (July 2017) (2)

Crustaceana July 2017, February-July 2018 (4 times)

Marine and Freshwater Behaviour and Physiology January 2018 (2x)

Zoological Journal of the Linnean Society, July 2018, November 2018

Acta Palaeontologica Polonica (Aug 2018)

Cretaceous Research (December 2018) March 2020

Ameghiniana (Argentina): December 2018, February 2020

Science Bulletin (August 2019)

Proceedings of the Geologists' Association (August 2019)

Proceedings of the Royal Society B (Sept. 2019)

Marine Biology Research (Nov. 2019)

Scientific Reports (Jan. 2020)

Journal of Quaternary Science (August 2020)

Historical Biology (August 2020)

BMC Evolutionary Biology (September 2020)

Rivista Italiana di Paleontologia e Stratigrafia (November 2020)

Geological Society of America

Geological Society of America North Central Section, Vice President (2010)

Paleontological Research Institution

Editorial Board Member

External Reviews

Reviewer for Promotion to Full Professor, Dr. Adil Wadia, Wayne College of University of Akron, July 2015

Reviewer for Tenure and Promotion, Heather Bracken-Grissom, Florida International University, August 2018

Member of Ph.D. Jury for Julien Devillez at Muséum nationale d'Histoire naturelle, Paris, October 2018, "Les Erymida (Crustacea, Decapoda): un groupe éteint ?"

Evaluation for Habilitation (more or less promotion to Professor), Faculty of Biology, Ludwig-Maximilians-Universität München, Germany, September 2019

Reviewer for promotion to Associate Professor, NTT, Dr. Ovidiu Franțescu, University of Pittsburgh Bradford, June 2020