Jonathan R. Hendricks

Paleontological Research Institution
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Professional Preparation

University of Kansas	Post-Doctoral Researcher, Geology	2005–2008
Cornell University	Ph.D., Geological Sciences	2005
University of Wisconsin-Madison	B.S., Geology & Geophysics, Zoology	1999

Professional Appointments (Current and Previous)

- Director of Science Communication, Paleontological Research Institution (2019–current)
- Director of Publications, Paleontological Research Institution (2016–2019)
- Adjunct Associate Professor, Cornell University (2016–current)
- Visiting Research Associate Professor, Ohio University (Fall 2014–2017)
- Associate Professor (with early tenure), San José State University (2013–July 31, 2016)
- Research Associate, Paleontological Research Institution (2011–2016)
- Assistant Professor, San José State University (2008–2013)
- Visiting Research Assistant Professor, Ohio University. Dec. 15, 2012–Jan. 31, 2013
- Post-Doctoral Researcher, University of Kansas. 2005–2008.
- Lecturer, University of Kansas. 2005, 2006, 2008.
- Teaching Assistant, Cornell University. Nine semesters, 2000–2005.
- Collections Assistant, Paleontological Research Institution. 2002–2005 (occasional).

Major Professional Service

Treasurer, Paleontological Society, October 2020–current.
Editor-in-Chief, *Bulletins of American Paleontology*, 2016–current.
Paleontological Society Distinguished Lecturer, 2016–2017.

National Service

AmeriCorps National Service Program, 1999–2000.

Professional Interests

Invertebrate paleobiology and zoology, especially of mollusks; alpha taxonomy; phylogenetic systematics; paleobiogeography; macroevolution; development of novel open access digital resources for STEM education and outreach.

Focus of Current Research Program

Investigation of the evolutionary responses of tropical American mollusks to Neogene environmental changes using fossils, molecules, and biogeographic data.

Major Web Projects (Ongoing)

Envisioned and developed the Digital Atlas of Ancient Life (DAoAL) and Earth@Home projects. During 2020, the Digital Atlas website was visited by over 246,000 users from nearly every country on Earth.

Current Major Grant Funding

Co-Principal Investigator (Co-PI) on "Improving the storage conditions and beginning digitization of the Paleozoic stratigraphic fossil collections at the Paleontological Research Institution," National Science Foundation, $377,334 (September 15, 2021 to August 31, 2023).

Prior Major Grant Funding

Principal Investigator (PI) on "Digitization TCN: Collaborative Research: The Cretaceous World: Digitizing Fossils to Reconstruct Evolving Ecosystems in the Western Interior Seaway," National Science Foundation. PRI Share: $164,038 (July 1, 2016 to June 30, 2020).

Principal Investigator (PI) on "Digitization TCN: Collaborative Research: Digitizing Fossils to Enable New Syntheses in Biogeography - Creating a PALEONICHES-TCN" (with PI collaborators B. S. Lieberman, Univ. Kansas and A. L. Stigall, Ohio Univ.), National Science Foundation, 2012. SJSU/PRI share: $157,975 (July 1, 2012 to June 30, 2018).

Museum Exhibit Design and Development

Daring to Dig: Women in American Paleontology, Museum of the Earth, Ithaca, New York (Design Team Member)

Online Museum Exhibit Design and Development

- Online exhibit: Daring to Dig: Women in American Paleontology (Design Team Member / Builder): https://www.museumoftheearth.org/daring-to-dig/
- Online exhibit: Bees! Diversity, Evolution, Conservation (Design Team Member / Builder): https://www.museumoftheearth.org/bees/
- Online exhibit: Survivors: Up Close with Living Fossils (Design Team Member / Builder): https://www.digitalatlasofancientlife.org/ve/living-fossils/

Website Development and Production

- Digital Atlas of Ancient Life (Envisioned / Project Co-Leader / Builder), including Digital Encyclopedia of Ancient Life online textbook and Digital Atlas Virtual Collection of 3D models of fossil specimens: https://www.digitalatlasofancientlife.org/
- Earth@Home (Envisioned / Project Leader / Builder): https://earthathome.org/
- Cretaceous Atlas of Ancient Life (Envisioned / Project Leader / Builder): www.cretaceousatlas.org
- Neogene Atlas of Ancient Life (Envisioned / Project Leader / Builder): www.neogeneatlas.net
- Pennsylvanian Atlas of Ancient Life (Envisioned / Project Leader / Builder): www.pennsylvanianatlas.org
- Utah's Cambrian Life (Envisioned / Builder): www.kumip.ku.edu/cambrianlife/
- Paleontological Research Institution website 2019–2020 overhaul (Design Team Member / Builder): https://www.priweb.org/

Children's Book

Swaby, A., and **J. R. Hendricks**. 2021. Into the Ordovician: Adventures in a Prehistoric World. Illustrated by A. McGillis. Paleontological Research Institution Special Publication 58, Ithaca, New York, 44 pp.

Research Publications (Peer Reviewed)

(26) Phuong, M. A., M. E. Alfaro, G. N. Mahardika, R. M. Marwoto, R. E. Prabowo, T. von Rintelen, P. W. H. Vogt, **J. R. Hendricks**, and N. Puillandre. 2019. Lack of signal for the impact of conotoxin gene diversity on speciation rates in cone snails. Systematic Biology 68(5): 781–796. Link.

(25) Allmon*, W. D., G. P. Dietl*, **J. R. Hendricks***, and R. M. Ross. 2018. Bridging the two fossil records: paleontology's big data future resides in museum collections. Pp. 35-44, in: *Museums at the Forefront of the History and Philosophy of Geology: History Made, History in the Making*, G. D. Rosenberg and R. M. Clary (eds.), Geological Society of America Special Paper 535. *Authors contributed equally and are listed alphabetically. Link.

(24) **Hendricks, J. R.** 2018. Diversity and preserved shell coloration patterns of Miocene Conidae (Neogastropoda) from an exposure of the Gatun Formation, Colón Province, Panama. *Journal of Paleontology 92(5): 804-837.* Link.

(23) **Hendricks, J. R.**, A. L. Stigall, and B. S. Lieberman. 2015. The Digital Atlas of Ancient Life: delivering information on paleontology and biogeography via the web. *Palaeontologia Electronica 18.2.3E*. Link.

(22) Saupe, E. E., H. Qiao, **J. R. Hendricks**, R. W. Portell, S. J. Hunter, J. Soberón, and B. S. Lieberman. 2015. Niche breadth and geographic range size as determinants of species survival on geological time scales. *Global Ecology and Biogeography 24(10): 1159-1169.* Link.

(21) **Hendricks, J. R.** 2015. Glowing seashells: diversity of fossilized coloration patterns on coral reef-associated cone snail (Gastropoda: Conidae) shells from the Neogene of the Dominican Republic. *PLoS ONE 10(4): e0120924.* Link.

(20) **Hendricks, J. R.**, E. E. Saupe, C. E. Myers, E. J. Hermsen, and W. D. Allmon. 2014. The generification of the fossil record. *Paleobiology 40(4): 511-528. Note: the editors of Paleobiology selected this paper as the "Feature Article" for the issue.* Link.

(19) Saupe, E. E., **J. R. Hendricks**, A. T. Peterson, and B. S. Lieberman. 2014. Climate change and marine molluscs of the West Atlantic: future prospects and perils. *Journal of Biogeography 41(7): 1352-1366.* Link.

(18) Saupe, E. E., **J. R. Hendricks**, R. W. Portell, H. J. Dowsett, A. Haywood, S. J. Hunter, and B. S. Lieberman. 2014. Macroevolutionary consequences of profound climate change on niche evolution in marine molluscs over the past three million years. *Proceedings of the Royal Society B: Biological Sciences 281: 20141995.* Link.

(17) **Hendricks, J. R.** 2013. Global distributional dynamics of Cambrian clades as revealed by Burgess Shale-type deposits. In: *Early Palaeozoic Palaeobiogeography and Palaeogeography*, Harper, D. A. T. and T. Servais (eds). *Geological Society, London, Memoirs 38: 33-41.* Link.

(16) Smith, U. E. and **J. R. Hendricks**. 2013. Geometric morphometric character suites as phylogenetic data: extracting phylogenetic signal from gastropod shells. *Systematic Biology 62(3): 366-385.* Link.

(15) **Hendricks, J. R.** 2012. Using marine snails to teach biogeography and macroevolution: the role of larvae and dispersal ability in the evolution and persistence of species. *Evolution: Education and Outreach 5(4): 534-540.* Link.

(14) **Hendricks, J. R.** 2009 (2008). The genus *Conus* (Mollusca: Neogastropoda) in the Plio-Pleistocene of the southeastern United States. *Bulletins of American Paleontology, Number 375, 178 pp., 20 plates (Monograph).* Link.

(13) **Hendricks, J. R.** 2009. Sinistral snail shells in the sea: developmental causes and consequences. *Lethaia 42(1): 55-66.* Link.

(12) **Hendricks, J. R.**, R. W. Portell, G. L. Polites. 2009. An aberrant sinistral *Conus* (Neogastropoda: Conidae) from the Miocene of Florida, USA. *The Nautilus 123(4): 317-318.*

(11) Briggs, D. E. G., B. S. Lieberman, **J. R. Hendricks**, S. L. Halgedahl, and R. D. Jarrard. 2008. Middle Cambrian arthropods from Utah. *Journal of Paleontology 82(2): 238-254.* Link.

(10) **Hendricks, J. R.** and B. S. Lieberman. 2008. New phylogenetic insights into the Cambrian radiation of arachnomorph arthropods. *Journal of Paleontology 82(3): 585-594.* Link.

(9) **Hendricks, J. R.**, B. S. Lieberman, and A. L. Stigall. 2008. Using GIS to study the palaeobiogeography of soft-bodied Cambrian arthropods. *Palaeogeography, Palaeoclimatology, Palaeoecology 264: 163-175.* Link.

(8) **Hendricks, J. R.** and R. W. Portell. 2008. Late Eocene *Conus* (Neogastropoda: Conidae) from Florida, U.S.A. *The Nautilus: 122(2): 79-93.*

(7) Hermsen, E. J. and **J. R. Hendricks**. 2008. W(h)ither fossils? Studying morphological character evolution in the age of molecular sequences. *Annals of the Missouri Botanical Garden 95(1): 72-100.* Link.

(6) Cartwright, P., S. L. Halgedahl, **J. R. Hendricks**, R. D. Jarrard, A. C. Marques, A. G. Collins, and B. S. Lieberman. 2007. Exceptionally preserved jellyfishes from the Middle Cambrian. *PLOS ONE 2(10): e1121.* Link.

(5) **Hendricks, J. R.** and B. S. Lieberman. 2007. Biogeography and the Cambrian radiation of arachnomorph arthropods. *Association of Australasian Palaeontologists, Memoir 34: 29-39.*

(4) Hermsen, E. J. and **J. R. Hendricks**. 2007. A method for constraining the age of origination of derived characters. *Cladistics 23: 169-179.* Link.

(3) Stigall, A. L. and **J. R. Hendricks**. 2007. First report of a concavicarid interior (Crustacea: Thylacocephala) from the Devonian of North America. *Northeastern Geology and Environmental Sciences 29:102-106.*

(2) Hermsen, E. J. and **J. R. Hendricks**. 2006. Spotlight: The hierarchy of time. *Palaios 21: 403-405.* Link.

(1) Dietl, G. P. and **J. R. Hendricks**. 2006. Crab scars reveal survival advantage of left-handed snails. *Biology Letters 2: 439-442*. Link.

Courses Taught

San José State University:

- Geology 7: Earth, Time, and Life (6 sections)
- Geology 107: Prehistoric Life (11 sections)
- Geology 142: Paleontology (5 sections)
- Geology 242: Advanced Paleontology (3 sections)

- Geology 285: Graduate Seminar (2 sections)

University of Kansas:
- Geology 105: Historical Geology (1 section)
- Geology 121: Prehistoric Life (2 sections)

Academic Service at San José State University
- College of Science Representative to the Board of General Studies (Elected) (Aug. 2013-2015)
- College of Science Space Committee (Nov. 2013-May 2014)
- College of Science Research Committee Member (2011-May 2014)
- Graduate Advisor, Department of Geology (Jul. 2013-Jan. 2014)
- Thesis advisor; three M.S. students at SJSU.

Other Publications (Not Peer Reviewed)

(20) Allmon, W. D., and **J. R. Hendricks**. Gastropoda, Second Edition. In: The Digital Encyclopedia of Ancient Life. https://www.digitalatlasofancientlife.org/learn/mollusca/gastropoda/

(19) Hendricks, J. R. 2020. Chordata: Overview and Basal Taxa. In: The Digital Encyclopedia of Ancient Life. https://www.digitalatlasofancientlife.org/learn/chordata/

(18) **Hendricks, J. R.**, and B. S. Lieberman. 2020. Evolution and the Fossil Record. In: The Digital Encyclopedia of Ancient Life. https://www.digitalatlasofancientlife.org/learn/evolution/

(17) **Hendricks, J. R.** 2019. Scleractinia. In: The Digital Encyclopedia of Ancient Life. https://www.digitalatlasofancientlife.org/learn/cnidaria/anthozoa/scleractinia/

(16) **Hendricks, J. R.** 2019. Rugose Corals (Rugosa). In: The Digital Encyclopedia of Ancient Life. https://www.digitalatlasofancientlife.org/learn/cnidaria/anthozoa/rugosa/

(15) **Hendricks, J. R.** 2019. Tabulate Corals (Tabulata). In: The Digital Encyclopedia of Ancient Life. https://www.digitalatlasofancientlife.org/learn/cnidaria/anthozoa/tabulata/

(14) **Hendricks, J. R.** 2019. Animal Phylogeny. In: The Digital Encyclopedia of Ancient Life. https://www.digitalatlasofancientlife.org/learn/animal-phylogeny/

(13) Ross, R. M, D. Haas, **J. R. Hendricks**, and W. D. Allmon. 2019. Paleontological Research Institution's Museum of the Earth and Taughannock State Park as teaching resources, in: New York State Geological Association 91st Annual Meeting Field Trip Guide, Hobart and William Smith Colleges, Section B1, p.1-31.

(12) **Hendricks, J. R.** 2019. Cephalopoda. In: The Digital Encyclopedia of Ancient Life. https://www.digitalatlasofancientlife.org/learn/mollusca/cephalopoda/

(11) **Hendricks, J. R.** 2018. Geological Time. In: The Digital Encyclopedia of Ancient Life. http://www.digitalatlasofancientlife.org/learn/geological-time/

(10) Hermsen, E. J. and **J. R. Hendricks**. Systematics. In: The Digital Encyclopedia of Ancient Life. http://www.digitalatlasofancientlife.org/learn/systematics/

(9) **Hendricks, J. R.** 2017. Gastropoda. In: The Digital Encyclopedia of Ancient Life. http://www.digitalatlasofancientlife.org/learn/mollusca/gastropoda/

(8) **Hendricks, J. R.** 2017. Nature of the Fossil Record. In: The Digital Encyclopedia of Ancient Life. http://www.digitalatlasofancientlife.org/learn/nature-fossil-record/

(7) **Hendricks, J. R.** 2015. Research: Paleobiology of the killer cone snails. myFossil Newsletter 2(2). http://www.myfossil.org/research-paleobiology-of-the-killer-cone-snails/

(6) **Hendricks, J. R.** 2013. Episodes from the history of paleontology and geology: elucidated using culturomics. Evolution: This View of Life Webpage.

(5) **Hendricks, J. R.** 2010. The orange pill bottle. *American Paleontologist* 18(2):5.

(4) **Hendricks, J. R.** 2007. Book review of Foote and Miller's *Principles of Paleontology, 3rd Edition*. 2007. *Palaios*.

(3) **Hendricks, J. R.** 2006. Book review of Everhart's *Oceans of Kansas*. 2006. *Great Plains Research* 16(2): 203.

(2) **Hendricks, J. R.** 2005. Glowing shells! The utility of ultraviolet light for identifying fossil snail species from southern Florida. *Southwest Florida Fossil Club Newsletter.*

(1) **Hendricks, J. R.** and W. D. Allmon. 2003. Cones: the shell of choice for evolution. *American Paleontologist* 11(2): 3-6.

Meeting Abstracts

(39) **Hendricks, J. R.**, R. M. Ross, D. Haas, I. H. H. Zabel, and E. J. Hermsen. 2021. Earth@Home: A new open access website to help geoscience educators and their students learn about the Earth where they live. Geological Society of America Annual Meeting *Abstracts with Programs* 53(6). Paper 115-13. Link.

(38) Hermsen, E. J., H. Blume, P. Cohen, D. Haas, **J. R. Hendricks**, and A. Moore. 2021. Daring to dig: Women in American Paleontology. Geological Society of America Annual Meeting *Abstracts with Programs* 53(6). Paper 175-9. Link.

(37) Ross, R.M., D. Duggan-Haas, A. Moore, **J. R. Hendricks**, and W. D. Allmon 2020. Digital solutions to providing interpretive visits to sites of geological interest. Geological Society of American Annual Meeting *Abstracts with Programs* 52(6). Paper 130-6. Link.

(36) Pier, J. Q., E. Hauf, E. J. Hermsen, J. A. Smith, and **J. R. Hendricks**. 2020. Pandemic paleontology: Teaching online using the Digital Atlas of Ancient Life Virtual Collection. Geological Society of America Annual Meeting *Abstracts with Programs* 52(6). Paper 77-11. Link.

(35) Ross, R. M., D. Haas, L. D. White, **J. R. Hendricks**, and M. Welych-Flanagan. 2019. Real and virtual public visits to field sites with fossil-rich marine invertebrate assemblages: evolution through the past two decades. Geological Society of America Annual Meeting. Paper 301-5. Link.

(34) Riemer, J. L. and **J. R. Hendricks**. 2019. Coloration patterns of Neogene mollusks from the Dominican Republic determined using ultraviolet light. Geological Society of American Annual Meeting. Paper 118-13. Link.

(33) **Hendricks, J. R.** 2019. Ever since Maury: PRI's "Neogene Paleontology of the Northern Dominican Republic" publication series and the systematic work that remains. Geological Society of America Annual Meeting. Paper 1-16. Link.

(32) **Hendricks, J. R.** 2019. Virtual teaching collections in paleontology. 2019. 11th North American Paleontological Convention (NAPC). PaleoBios 36(Supp. 1): 1-389. Link.

(31) **Hendricks, J. R.**, E. J. Hermsen, and E. Hauf. 2018. The Digital Encyclopedia of Ancient Life (DEAL): an open access paleontology textbook. Geological Society of America Annual Meeting. Link.

(30) Phillips, M., A. Basham, M. Cubeta, K. Harris, **J. R. Hendricks**, G. Hogue, T. Karim, and L. White. 2018. Engaging K-12 audiences with biodiversity data through Advancing Digitization for Biodiversity Collections. Biodiversity Information Science and Standards 2: e26473. Link.

(29) Hermsen, E. J. and **J. R. Hendricks**. 2018. The Digital Encyclopedia of Ancient Life (DEAL): An open-access, online paleontology textbook. 35th Midcontinent Paleobotanical Colloquium, Athens, Ohio.

(28) **Hendricks, J. R.** 2017. The Cretaceous Atlas of Ancient Life: a new online resource for identifying ammonoids and other animals from the Western Interior Seaway. Geological Society of America Annual Meeting. Link.

(27) **Hendricks, J. R.** 2016. Ultraviolet (UV) light reveals the shell coloration patterns and phylogenetic diversity of Miocene cone snails (Conidae) from the Gatun Formation of Panama. Geological Society of America Annual Meeting. Link.

(26) **Hendricks, J. R.** 2015. Antecedents of the modern tropical American cone snail fauna: phylogenetic diversity and biogeographical history of Late Miocene to Plio-Pleistocene Conidae in the context of major regional environmental change. Geological Society of America Annual Meeting. Link.

(25) Lieberman, B. S., **J. R. Hendricks**, A. L. Stigall, U. C. Farrell, and J. H. Beach. 2015. Digital fossils: there's an app for that. Geological Society of America Annual Meeting. Link.

(24) **Hendricks, J. R.** 2014. Glowing seashells: Ultraviolet light reveals large diversity of preserved coloration patterns in Neogene *Conus* fossils from the Dominican Republic. North American Paleontological Convention, Gainesville, Florida.

(23) **Hendricks, J. R.**, R. W. Portell, N. L. Sylva, B. A. Kittle, S. Roberts, N. Abdollahian, and A. M. Lenci. 2014. The Neogene Atlas of Ancient Life: a new digital resource for paleontology. Geological Society of America Annual Meeting. Link.

(22) Saupe, E. E., H. Qiao, **J. R. Hendricks**, R. W. Portell, and B. S. Lieberman. 2014. Analyzing the macroevolutionary determinants of extinction risk using ecological niche modeling: a case study using Pliocene-Recent Atlantic Coastal Plain mollusks. 4th International Palaeontological Congress, Mendoza, Argentina. Link.

(21) **Hendricks, J. R.**, R. W. Portell, E. M. Lenci, N. Abdollahian, A. M. Lenci, B. A. Kittle, and S. W. Roberts. 2013. The digital atlas of Neogene Life. Geological Society of America Annual Meeting. Link.

(20) **Hendricks, J. R.**, A. L. Stigall, R. W. Portell, E. E. Saupe, and B. S. Lieberman. 2013. Biogeographic responses of mollusk species to Plio-Pleistocene environmental change in the western Atlantic. Geological Society of America Annual Meeting. Link.

(19) Levy, M. G., J. A. Nirody, J. C. Neu, **J. R. Hendricks**, M. Slatkin, and G. R. Oster. 2013. A neural-field model for the evolution of *Conus* shell patterns. Society of Integrative and Comparative Biology Annual Meeting, e126. Link.

(18) Saupe, E. E., **J. R. Hendricks**, R. W. Portell, H. Dowsett, A. Haywood, S. Hunter, and B. S. Lieberman. 2013. Macroevolutionary consequences of profound climate change on niche evolution: an examination of marine mollusks over the past 3 million years. Geological Society of America Annual Meeting. Link.

(17) **Hendricks, J. R.** 2012. *Conus* (cone snail) species diversity in coral reef associated fossil assemblages from the Neogene of the northern Dominican Republic. Geological Society of America Annual Meeting. Link.

(16) **Hendricks, J. R.** 2011. The relationship between local species abundance and larval developmental mode in a remarkable sample of *Conus* (Neogastropoda) from the early Pliocene of the Dominican Republic. Geological Society of American Annual Meeting. Link.

(15) **Hendricks, J. R.** and G. P. Dietl. 2011. A standardized test of the inverse relationship between drilling and repair frequencies. Geological Society of America Annual Meeting. Link.

(14) Saupe, E. E., **J. R. Hendricks**, P. Halloran, and B. S. Lieberman. 2011. Climate change and marine mollusks: a tale of invasions, immigration and extirpation. Geological Society of America Annual Meeting. Link.

(13) **Hendricks, J. R.** and U. E. Smith. 2010. Elements of the extant eastern Pacific *Conus* (Neogastropoda) fauna in the Neogene of the Dominican Republic and southeastern United States. Geological Society of American Annual Meeting. Link.

(12) **Hendricks, J. R.** 2010. Global distributional dynamics of Cambrian clades as revealed by Burgess Shale-type deposits. Paleontological Research Institution Summer Symposium, August 13-14, 2010, Ithaca, New York.

(11) **Hendricks, J. R.** and U. Smith. 2008. Fossil specimens, data integration, and phylogeny reconstruction of long-lived, modern clades. Geological Society of America Annual Meeting. Link.

(10) **Hendricks, J. R.**, B. S. Lieberman, and A. L. Stigall. 2007. Using GIS to study the paleobiogeography and macroevolution of soft-bodied Cambrian arthropods. Geological Society of America Annual Meeting. Link.

(9) **Hendricks, J. R.** and E. J. Hermsen. 2007. Paleontologically informed supermatrices: fossils and phylogenetics in the age of genomics. Joint Meeting of the South-Central and North-Central Sections of the Geological Society of America. Link.

(8) **Hendricks, J. R.** and B. S. Lieberman. 2006. New insights into the Cambrian radiation: phylogenetic patterns in Cambrian arachnomorphs (Arthropoda). Geological Society of America Annual Meeting. Link.

(7) **Hendricks, J. R.**, S. L. Halgedahl, B. S. Lieberman, and R. D. Jarrard. 2006. Crown-group cnidarians from the Cambrian of Utah. Link.

(6) Hermsen, E. J. and **J. R. Hendricks**. 2006. Contributions of fossil taxa to understanding morphological character evolution. Link.

(5) **Hendricks, J. R.** 2005. Evolutionary history of Plio-Pleistocene *Conus* from the southeastern United States. Geological Society of American Annual Meeting. Link.

(4) **Hendricks, J. R.** and G. Dietl. 2004. Is there a survival-related advantage of sinistral coiling in marine snails? Geological Society of America Annual Meeting. Link.

(3) **Hendricks, J. R.** 2003. Homology and homoplasy in *Conus* (Neogastropoda) shell characters: a test of phylogenetic signal using molecular and morphological data. Geological Society of America Annual Meeting. Link.

(2) **Hendricks, J. R.** and W. D. Allmon. 2002. The evolutionary history and paleobiology of the sinistral cones. Geological Society of America Annual Meeting. Link.

(1) **Hendricks, J. R.** and W. D. Allmon. 2000. Why are there so many sinistrally coiling conid gastropods in the Pinecrest Beds of southern Florida? Geological Society of America Annual Meeting. Link.

Awards

- Brayfield Scholarship Award, Southwest Florida Fossil Club, 2005.
- Vokes Award, Florida Museum of Natural History, 2005.

Previous Grants

- Principal Investigator (PI) on "ENGAGE: Educating the Next Generation of Geoscientists" (with Co-PI Shondricka Burrell), National Science Foundation, SJSU share: $148,898. Note: my involvement in this grant was mostly administrative (Ms. Burrell originally attained this funding).
- California State University (CSU) Research Fund, 2010.
- San José State University Junior Faculty Career Development Grant, 2009.
- California State University (CSU) Research Fund, 2008.
- Geological Society of America Graduate Student Research Grant, 2004.
- Geological Society of America Graduate Student Research Grant, 2003.
- Paleontological Society Student Research Grant, 2001.
- American Museum of Natural History Lerner-Gray Fund, 2001.
- Conchologists of America Student Research Grant, 2001.

Other Educational Outreach

- Bay Area Earth Science Institute (BAESI) Instructor:
  - November 15, 2008: Earth and Life Through Time
  - March 14, 2009: The Fossil Record
  - May 10, 2010: Exploring for Oil and Gas
  - October 9, 2010: Plate Tectonics
  - March 5, 2011: Fossils
  - November 12, 2011: The Fossil Record
  - February 12, 2012: Human Impacts on Biodiversity
  - April 28, 2012: Teaching Evolution

- February 2, 2013: Discussing Evolution in the Classroom
- March 16, 2013: Coral Reefs
- March 15, 2014: Extinction

- Online (Skype or Google Hangout) presentations and question and answer sessions for elementary and middle school students:
  - Presentations on cone snails for 6th grade students (five classes) at Branciforte Middle School, Santa Cruz, California (Sept. 23, 2015).
  - Presentations on cone snails for 8th grade students (five classes) at Rolling Hills Middle School, Watsonville, California (Sept. 8, 2015).
  - Presentation on trilobites for 4th grade students at Glenbrook Elementary School, Pulaski, Wisconsin (June 10, 2014).
  - Presentation on trilobites for 4th grade students at Glenbrook Elementary School, Pulaski, Wisconsin (May 23, 2013).
  - Presentations on paleontology for 5th grade students at Glenbrook Elementary School and Sunnyside Elementary School, Pulaski, Wisconsin (March 9, 2012).
- Earth Sciences Judge: 2010 Intel International Science and Engineering Fair, San José, CA.

Invited Presentations

- **iDigBio 2017 Summit (Keynote Presentation)**. The Digital Atlas of Ancient Life (November 3, 2017).
- **Rochester Academy of Science.** Glowing seashells: revealing the Neogene history of tropical American cone snails using ultraviolet light (October 3, 2017).
- **Missouri S&T University.** Glowing seashells: revealing the Neogene history of tropical American cone snails using ultraviolet light (September 25, 2017).
- **St. Lawrence University.** Glowing seashells: revealing the Neogene history of tropical American cone snails using ultraviolet light (April 13, 2017).
- **Texas A&M University.** Glowing seashells: revealing the Neogene history of tropical American cone snails using ultraviolet light (October 21, 2016).
- **Florida International University.** Glowing seashells: revealing the Neogene history of tropical American cone snails using ultraviolet light (April 8, 2016).
- **Smithsonian Tropical Research Institute, Panama.** Tupper Seminar. The Neogene history of tropical American cone snails (July 21, 2015).
- **Ohio University.** Paleobiology of the killer cone snails (September 26, 2014).
- **American Museum of Natural History.** Digitization, diverse data, and deadly snails: revealing the ancient history of a hyperdiverse molluscan clade (May 9, 2013).
- **Baldwin-Wallace College.** Biogeography and the role of larvae in the evolution and persistence of mollusk species. (March 23, 2012).
- **University of California, Berkeley.** Integrating paleontological, morphological, and molecular sequence data to reconstruct the phylogenetic positions of extinct species" (February 16, 2012).
- **University of California, Davis.** Integrating paleontological, morphological, and molecular sequence data to reconstruct the phylogenetic positions of extinct species" (February 16, 2011).
- **Naturhistorisches Museum Basel, Switzerland.** Sinister Seashells! Paleobiology of an Extinct, Venomous, Left-Handed Snail" (June 22, 2009).
- **Florida Paleontological Society, Gainesville.** Sinister Seashells! (May, 2007).

Workshops Attended

- iDigBio 2017 summit, Nov. 2-3, 2017, Gainesville, FL.
- iDigBio 2016 summit, Nov. 2-3, 2017, Chattanooga, TN.
- iDigBio Education and Outreach Workshop, Jan. 16-17, 2014, Gainesville, FL.

- iDigBio Public Participation in Digitization Workshop, Sept. 28-29, 2012, Gainesville, FL.
- iDigBio Specimen Digitization Tools and Practices Workshop, July 12, 2012, Columbus, OH.

Other Professional Service

Peer Reviews: Journal of Paleontology, Palaios, Acta Palaeontologica Polonica, Systematic Biology, Paleobiology, Palaeontology, Evolution: Education and Outreach, Geology, Bulletin of Marine Science, Estonian Journal of Earth Sciences, PLoS ONE, Proceedings of the Royal Society B, ZooTaxa, Geodiversitas, Regional Studies in Marine Science, and The University of Chicago Press.

Grant Reviewer: The National Science Foundation.

Member: Paleontological Society Medal Committee, 2014–2017.

Member: iDigBio Education and Outreach Working Group.

Member: Teach the Earth Website Committee, National Association of Geoscience Teachers, 2020–current.

Former Councilor-at-Large. American Malacological Society (2011).

Session Co-Convener. 2008 Annual Meeting of the Geological Society of America. Session Title: Integrative Systematic Paleontology for a New Century: Advancing Evolutionary, Phylogenetic, Biogeographic, and Ecologic Theory with Specimen-Based Studies.

Judge of Student Posters. 2008 & 2015 Annual Meetings of the Geological Society of America.

Professional Memberships
- Geological Society of America
- Paleontological Society

Additional Experience

Student participant
- Evolution and Development of the Metazoans, Friday Harbor Laboratories, University of Washington (2001).
- Wasatch-Uinta Geological Field Camp (through UW-Madison), Park City, Utah (1999).

Paleontological/geological fieldwork:
- **Domestic:** California, Florida, Kansas, Montana, Nebraska, Ohio, New York, Utah, and Wisconsin.
- **International:** Panama.