

Sarah Sheffield

Curriculum Vitae

School of Geosciences
The University of South Florida
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Research Interests

My research interests focus on understanding the evolutionary history of life by using Paleozoic echinoderms as a model group. Current projects include: (1) understanding the homologous elements of echinoderm skeletons to better understand evolutionary relationships; (2) determining the phylogenetic relationships of major groups of echinoderms; (3) understanding rates of character evolution of certain morphological traits to quantify paleoecological and paleoclimatological trends involving sedimentological changes; and (4) finding new localities of echinoderm fossils in under sampled geographic areas in order to better understand the diversity of life in the Paleozoic.

Education

- 2017 Ph.D. Geology, The University of Tennessee, Knoxville. May 2017. Advisor: Dr. Colin Sumrall. Dissertation: Homology and Phylogeny of the Diploporita (Blastozoa: Echinodermata).
- 2013 M.S. Geological Sciences, Auburn University. August 2013. Advisor: Dr. Ronald Lewis. Thesis: The Ontogeny and Systematics of Pennsylvanian Cladid Crinoid *Erisocrinus*
- 2011 B.S. Geological Sciences (Paleobiology), University of North Carolina at Chapel Hill. August 2011. Advisor: Dr. Joseph Carter

Professional Appointments

- 2019-Current Assistant Professor, University of South Florida, School of Geosciences
- 2017-2019 Visiting Instructor of Sedimentology and Paleobiology, The University of South Florida, School of Geosciences
- 2015-2017 Graduate Teaching Assistant, University of Tennessee, Department of Earth and Planetary Sciences
- 2015 Graduate Teaching Assistant for Governor's School of Tennessee (Course: Evolution of the Vertebrates)
- 2013-2015 Graduate Research Assistant, University of Tennessee, Department of Earth and Planetary Sciences
- 2011-2013 Graduate Teaching Assistant, Auburn University, Department of Geosciences
- 2011-2012 Graduate Research Assistant, Auburn University Department of Geosciences
- 2010-2011 Undergraduate Teaching Assistant, University of North Carolina, Department of Geological Sciences

Grants Awarded (Total: \$28,242)

External grants

- 2020 Paleontological Society's Outreach grant (\$1,535; declined due to COVID-19)
- 2019 Arthur James Boucot Early Career Research Grant: Paleontological Society (\$4075)
- 2016 J. Thomas Dutro Jr. Paleontological Research Institution Student Research Grant (\$500)

2016	SEPM Student Conference Presentation Award (\$300)
2016	Geological Society of America Student Research Grant (\$1875)
2016	Dry Dredgers Paleontological Research Award (\$700)
2016	James R. Welch Scholarship: Association of Applied Paleontological Sciences (\$1000)
2016	Society for the Study of Evolution: Outreach Grant (\$442)
2015	Gary N. Lane Student Research Grant: The Paleontological Society (\$800)
2015	SEPM Student Research Grant (\$800)
2015	Schuchert and Dunbar Grants-in-Aid Program (\$650)
2014	STEPPE Award for International Paleontological Congress 4 (\$2,500)
2014	Dry Dredgers Paleontological Research Award. (\$450)
2014	SEPM Student Research Grant (\$800)
2012	Geological Society of America Student Research Grant (\$1,250)

Internal grants

2020	STEER (Systemic Transformation through Evidence-Based Education Reform) grant: \$1,000
2015	Ready For The World Proposal, The Deep Origins of Humanity: Darwin Day (\$5,000)
2015	UT Programming and Allocation Committee: Darwin Day (\$7,100)

Publications

Peer reviewed articles:

- Sheffield, S.L.,** Thomka, J.R., Sumrall, C.D., *In prep.* Unusual preservation of Silurian holocystitids (Diploporita: Blastozoa): implications for understanding evolutionary trends and paleobiogeography. *Acta Palaeontologica Polonica*.
- Sheffield, S.L.,** Limbeck, M.R., Bauer, J.E., Hill, S.A., Nehelova, M., *Submitted.* A review of blastozoan echinoderm respiratory structures: *Elements of Paleontology*.
- Sheffield, S.L.,** Ricchezza, V.J., Cook, M. *Submitted.* “Scientist of the week”: introducing diverse scientists into introductory geology courses. *Nature*.
11. Lam, A.R., **Sheffield, S.L.,** Matzke, N.J., 2020. Estimating dispersal and evolutionary dynamics in diploporan blastozoans (Echinodermata) across the Great Ordovician Biodiversification Event). *Paleobiology*. <https://doi.org/10.1017/pab.2020.24>.
10. Deline, B., Thompson, J.R., Smith, N.S., Zamora, S., Rahman, I.A., **Sheffield, S.L.,** Ausich, W.I., Kammer, T.W., Sumrall, C.D, 2020. Evolution and development at the origin of a phylum. *Current Biology*. doi.org/10.1016/j.cub.2020.02.054.
9. Lam, A.R., Bauer, J.E., Frass, S., **Sheffield, S.L.,** Limbeck, M.R., Borden, R.M., Thompson-Munson, M., Fraas, A.J., Hils, J.M., Muskelly, C.E., and Hartshorn, K.R., 2019, Making sense of climate change and evolution in a digital age: communicating science to the public via blogs, web pages, and social media platforms: *Journal of STEM Outreach*, v. 2, p. 1-8. <https://www.jstemoutreach.org/article/7557-time-savengers-an-educational-website-to-communicate-climate-change-and-evolutionary-theory-to-the-public-through-blogs-web-pages-and-social-media-platforms>
8. **Sheffield, S.L.,** Sumrall, C.D., 2019, The phylogeny of the Diploporita (Blastozoa: Echinodermata). *Journal of Paleontology*, p. 1-13.

7. **Sheffield, S.L.**, Sumrall, C.D., 2019. The evolutionary relationships of early echinoderms: reinterpretations based on the ambulacral systems of *Eumorphocystis*. *Palaeontology*, p. 1-11. doi: 10.1111/pala.12396
6. **Sheffield, S.L.**, Ausich, W.I., Sumrall, C.D., 2017, New Hirnantian diploporitans from Anticosti Island: *Canadian Journal of Earth Sciences*, v. 55, p. 1-7.
5. **Sheffield, S.L.**, Bauer, J.E., 2017. Darwin Day in Deep Time: Promoting evolutionary science through paleontology: *Evolution: Education and Outreach*, v. 10, p. 1-10. <https://doi.org/10.1186/s12052-017-0073-3>
4. **Sheffield, S.L.**, Sumrall, C.D., 2017, Generic revision of the Holocystitidae (Diploporita: Echinodermata) based on universal elemental homology: *Journal of Paleontology*, v. 91, p. 755-766.
3. **Sheffield, S.L.**, 2015, A brief history and revision of the cladid crinoid *Sinocrinus*. *Palaeoworld*, v. 24, p. 460-469.
2. **Sheffield, S.L.**, Sumrall, C.D., 2015, A reinterpretation of the oral plating patterns of the *Holocystites* Fauna (Diploporita: Echinodermata). In Zamora, S. and Rábano, I. (eds.), *Progress in Echinoderm Palaeobiology*, Cuadernos del Museo Geominero, 19. Instituto Geológico y Minero de España, Madrid, p. 159-162.
1. Sumrall, C.D., Deline, B., Colmenar, J., **Sheffield, S.L.**, Zamora, S., 2015, New data on late Ordovician (Katian) echinoderms from Sardinia, Italy. In Zamora, S. and Rábano, I. (eds.), *Progress in Echinoderm Palaeobiology*, Cuadernos del Museo Geominero, 19. Instituto Geológico y Minero de España, Madrid, p. 175-178.

Non-peer reviewed publications

2. **Sheffield, S.L.**, 2019, Fossil Focus: Diploporitans: *Palaeontology Online*, v. 9, p. 1-7.
1. Luque, J., Agić, H., Anderson, E.P., Dahl, R., Donovan, M., Field, D.J., Fronimos, J., Hodges, M., Motz, G., Roney, R.O., Saupe, E.E., **Sheffield, S.L.**, Tackett, L.S., Tashman, J., Wawrzyniak, Z., 2015, Diversity in all its forms: IPC4 as an invaluable opportunity for STEPPE grant recipients: *GSA Today*, v. 5, p. 24-25.

Abstracts and Conference Presentations:

* Denotes presenter; ^Denotes student researcher

- ^Cook, M.L., Ricchezza, V.J., ^Rocabado, G.A., **Sheffield, S.L.** 2020, Scientist of the Week: Assessing the effects of diverse representation in STEM classrooms: Geological Society of America, Abstracts with Programs.
- Lam, A.R., **Sheffield, S.L.**, Matzke, N.J., 2020, Estimating dispersal and evolutionary dynamics in diploporan blastozoans (Echinodermata) across the Great Ordovician Biodiversification Event: IGCP-653 Meeting, The Onset of the Great Ordovician Biodiversification Event.
- Sheffield, S.L.***, Ricchezza, V.J., 2020, Measuring the effects of diverse representation in STEM classrooms: Earth Educators Rendezvous, Abstracts.
- Kruse, S.*, Downs, C.M., Gallant, E., Germa, A., Ippolito, Juster, T., McIlrath, J., **Sheffield, S.L.**, Walker, L. 2020, A collaborative textile record of climate change: the Tempestry Project in Tampa, Florida, USA: American Geophysical Union, Abstracts.
- Limbeck, M.R.*, Bauer, J.E., Lam, A.R., **Sheffield, S.L.**, 2020, Time Scavengers: reaching the public through science blogs and determining what content performs best on social media platforms: Geological Society of America, Abstracts with Programs.

- Phillips, S.F.*^, **Sheffield, S.L.**, Deline, B., 2020: Morphological evolution within holocystitid diploporitans: Geological Society of America, Abstracts with Programs [postponed: COVID-19].
- Lam, A.R., **Sheffield, S.L.**, Matzke, N.J., 2020, Paleobiogeography of the early Paleozoic echinoderms across the Great Ordovician Biodiversification Event: Geological Society of America, Abstracts with Programs.
- Schram, B.M.*^, **Sheffield, S.L.**, 2020, Using visual media to engage high schoolers in earth sciences: Geological Society of America, Abstracts with Programs [postponed: COVID-19].
- Sheffield, S.L.***, Ricchezza, V., 2019, “Scientist of the week”: introducing diverse scientists into introductory geology courses: Geological Society of America, Abstracts with Programs.
- Sheffield, S.L.***, Lam, A.R., Matzke, N.J., 2019, A global biogeographical analysis of blastozoan echinoderms across the Great Ordovician Biodiversification Event: Geological Society of America, Abstracts with Programs.
- Sheffield, S.L.***, Bantel, T.E., Bissett, D.L., Cooper, D., Gibson, W.B., 2019, Advances in understanding echinoderm paleobiology: collaborations with avocational paleontologists: North American Paleontological Conference, Riverside, CA, Abstracts.
- Lam, A.R.*, Bauer, J.E., Muskelly, C. O., Borden, R. M., Hils, J. M., Desai, D., Limbeck, M. R., Fraass, A., **Sheffield, S. L.**, Thompson-Munson, M., Fraass, S., and Hartshorn, K., 2019, Twelve to tango: Avocational and professional partnerships to increase public understanding of paleontology through informal pages, blogs, and social media platforms. North American Paleontological Conference, Riverside, CA, Abstracts.
- Sheffield, S.L.***, Bauer, J.B., Limbeck, M.R., Bright, J.A., Bantel, T.E., 2018, Quantitatively assessing gross morphology of holocystitid diploporitans (Blastozoa: Echinodermata): Geological Society of America, Abstracts with Programs.
- Sheffield, S.L.***, Lam, A.R., Bauer, J.B., 2018, Making geology accessible through engaging blogs: using photos to bring the outdoors in: Geological Society of America, Abstracts with Programs.
- Bauer, J.E.*, Lam, A.R., Fraass, S., Fraass, A.J., Hartshorn, K.R., Borden, R.M., Muskelly, C.O., **Sheffield, S.L.**, T-M, M., Hils, J.M., Limbeck, M.R., 2018, Time scavengers: a collaborative endeavor to disseminate complex science to increase public literacy on climate change and evolution: Geological Society of America, Abstracts with Programs.
- Sheffield, S.L.***, Sumrall, C.D., 2018, Unusual preservation of Silurian holocystitids (Diploporita: Blastozoa): implications for understanding evolutionary trends: Geological Society of America, Abstracts with Programs.
- Sheffield, S.L.***, Bauer, J.E., Sumrall, C.D., Rahman, I.A., Synchrotron-based tomographic evaluation of *Eumorphocystis* (Diploporita: Echinodermata) and its use in understanding morphology and ontogeny: Geological Society of America, Abstracts with Programs.
- Sheffield, S.L.***, Sumrall, C.D., 2017, The phylogeny of the Diploporita: Geological Society of America, Abstracts with Programs.
- Bauer, J.E.*, Lam, A.R., Bryant, R.M., Fraass, A.J., Golder, K.B., Hartshorn, K.R., Limbeck, M.R., **Sheffield, S.L.**, 2017, Time scavengers: a collaborative website for exploring climate change and evolution through scientists’ experiences: Geological Society of America, Abstracts with Programs.
- Johnson, S.R.*^, **Sheffield, S.L.**, 2017, Ontogenetic and systematic study of *Encystis* (Diploporita: Echinodermata): Geological Society of America Southeastern Section, Abstracts with Programs.

- Godkin, R.S.^*, **Sheffield, S.L.**, 2017, A growth study of Ordovician *Sphaeronites* (Diploporita: Echinodermata): Geological Society of America Southeastern Section, Abstracts with Programs.
- Sheffield, S.L.***, Sumrall, C.D., 2016: The evolutionary relationships of early echinoderms: reinterpretations based on the ambulacral systems of *Eumorphocystis*: Geological Society of America, Abstracts with Programs.
- Sheffield, S.L.***, Ausich, W.I., Sumrall, C.D., 2016: New Ordovician-age *Holocystites* from Anticosti Island, Quebec: Geological Society of America, Abstracts with Programs.
- Sheffield, S.L.***, Sumrall, C.D., 2015: Uncovering the Diversity and Biogeography of Silurian Diploporitans: New Data from Missouri, USA: Geological Society of America, Abstracts with Programs.
- Buongiorno, J., **Sheffield, S.L.***, O'Meara, B., 2015: The University of Tennessee's effort to improve evolution education in Knoxville, TN: Geological Society of America, Southeastern Meeting, Abstracts with Programs.
- Sheffield, S.L.***, Sumrall, C.D., 2015: Re-interpreting the ambulacral system of *Eumorphocystis*, an Ordovician diploporan: 1st Annual Women in Stem Symposium, The University of Tennessee.
- Zamora, S., Colmenar, J., Deline, B., **Sheffield, S.L.**, Sumrall, C.D.*, 2014: New Data on Late Ordovician echinoderms from Sardinia, Italy: Geological Society of America, Abstracts with Programs.
- Sheffield, S.L.***, Sumrall, C.D., 2014: A re-evaluation of *Holocystites* (Diploporita: Echinodermata): Geological Society of America, Abstracts with Programs.
- Sheffield, S.L.***, Sumrall, C.D., 2014: A re-interpretation of the ambulacral system of *Eumorphocystis* and its bearing on the evolution of early crinoids: 4th International Paleontological Congress, Abstracts.
- Sheffield, S.L.***, Sumrall, C.D., 2013: A revision of the systematics of the genus *Sinocrinus* (Crinoidea): North American Paleontological Conference, Abstracts.
- Sheffield, S.L.***, Lewis, R.D., 2013: A re-evaluation of the systematics of the genus *Erisocrinus*: Geological Society of America, Abstracts with Programs.
- Sheffield, S.L.***, Lewis, R.D., Zachos, L.G., 2013: The morphology of *Erisocrinus typus*: a study using ArcGIS©: Geological Society of America, Abstracts with Programs.
- Sheffield, S.L.***, Zachos, L.G., Lewis, R.D., 2012: A morphometric study of *Erisocrinus* (Crinoidea) using ArcGIS©: Geological Society of America, Abstracts with Programs.

Research and Field Experience, Relevant Skills

Research and Field Experience

2019	Qualitative interview studies on impacts of diversity in introductory science courses
2016	Field work in Napoleon, Indiana. Bulk collection for sediment analysis to identify juvenile diploporitans and disarticulated plates
2015-2016	Visited museum collections (The Field Museum, Chicago, IL; The Geological Institute, Tallinn, Estonia)
2014-2015	Visited museum collections (National Museum, Prague, Czech Republic; Cincinnati Museum Center, Cincinnati, OH; Yale Peabody Museum, New Haven, CT; United States National Museum, D.C.) to study specimens
2014	Field work in Sardinia, Italy. Prospecting Ordovician localities for previously undescribed echinoderm faunas in peri-Gondwana

- 2013 Carbonate petrology research; understanding formation of “herringbone cement”; petrology, isotope analysis, and cathodoluminescence analysis
- 2012 Participant in Imperial Barrel Award, Oil Exploration Program with Shell, Exxon
- 2011-2012 Utilized GIS technology to map ontogenetic sequences of fossil crinoids
- 2011-2012 Studied foraminifera deformation in response to oil contamination under the Gulf Research Initiative
- 2011 Vertebrate paleontology field experience in Bighorn Basin, Wyoming with New Jersey State Museum.
- 2009 Participant in Educational Research in Radio Astronomy (ERIRA); learned to operate radio telescope and process data at Green Bank Observatory, WV.

Relevant Skills

Conversational Italian

Intermediate fluency in American Sign Language

Honors

External honors

- 2020 Elected fellow of the Geological Society of America
- 2019 National Geological Society of America’s Donald and Carolyn Biggs Earth Science Teaching Award

Internal honors

- 2017 Excellence in Teaching, Department of Earth and Planetary Sciences, University of Tennessee
- 2016 Outreach Award, Department of Earth and Planetary Sciences, University of Tennessee
- 2015 Gene Tipton Graduate Student Award, University of Tennessee
- 2015 Outreach Award, Department of Earth and Planetary Sciences, University of Tennessee
- 2015 Rock Solid Award, Department of Earth and Planetary Sciences, University of Tennessee
- 2013 Masters Student Research Award, Auburn University College of Science and Mathematics, Auburn University
- 2007-2011 Carolina Covenant Scholar (full tuition), University of North Carolina

Conference Sessions and Workshops

Chaired Conference Sessions

- 2019 Geological Society of America Annual Meeting, Phoenix, AZ (2019): Paleobiogeographic and Paleoecological Trends in the Fossil Record: Sheffield, S., Bauer, J.
- 2016 Geological Society of America Annual Meeting, Denver, CO (2016): Fossils and Phylogenies: Troubles and Triumphs: Bauer, J., Lam, A., Sheffield, S.
- 2014 International Palaeontological Congress 4, Mendoza Argentina (2014): Lower Paleozoic Fauna.

Workshops Led

- 2016 National Science Teachers Association Meeting, Nashville, TN: Teaching Evolution without Tears: Lessons from Darwin Day.
- 2016 Paleontology in the Classroom: K-12 Workshop hosted through The University of

Tennessee

Workshops Attended

2019	NSF-hosted Writing Workshop in Diversity Initiatives in the Geosciences
2019	Workshop for Early Career Geoscience Faculty (weeklong course hosted by SERC)
2019	Phylogenetic Paleobiology (National GSA)
2018	Pedagogy and Technology in the Modern Paleontology Classroom (National GSA)
2014	Stratigraphic Paleobiology Short Course (International Paleontological Congress 4)

Collegiate Teaching

Courses (Full instructor)

USF: Stratigraphy and Paleontology, History of Life, Sedimentary Petrology, Introduction to Earth Science

UTK: Historical Geology

Student Mentoring

Graduate Students (as thesis/dissertation supervisor)

Stephen Hill, M.S. 2020-Present

Graduate Students (as committee member)

Christy Bebeau, Ph.D. 2020-Present

Meghan Cook, Ph.D. 2020-Present

Undergraduate students

-Project: Science Communication. **Mia Borja; Baron Hoffmeister, Kailey McCain, Mckenna Dyjak, Lisette Melendez.**

-Project: Paleooceanographic reconstructions using foraminiferal diversity (co-supervised with Dr. Adriane Lam): **Haley Coe.**

-Project: Biogeography of Echinodermata. **Lisette Melendez, Haley Vantoorenburg, Baron Hoffmeister, Mckenna Dyjak, Ohav Harris, Noel Hernandez, Emily Brown, Max Botwin, Alexander Favarro, Kailey McCain, Soraya Alfred, Jamie Schieler.**

-Project: Digitizing fossil collections/3D fossil models, **Haley Vantoorenburg.**

-Project: Introducing historical geology education to K-12 students. **Bethany Schram**

-Project: Understanding the ontogenetic patterns of *Sphaeronites* (Echinodermata: Diploporita); utilizing nonlandmark classification. **Russell Godkin.**

-Project: Ontogenetic study of *Encystis* (Echinodermata: Diploporita). **Sarah Johnson.**

-Ontogenetic growth and systematic study of *Erisocrinus* (Echinodermata: Crinoidea). **Andrew Besu.**

Academic service

Professional

Journal reviewer: Geology, Geologica Acta, Bulletin of Geosciences, Journal of Paleontology, Paleoworld, Elements of Paleontology

2020: NSF postdoctoral panel participant

2018-present: Sepkoski grant selection committee: Paleontological Society

2020: Geoscience education division Biggs Earth Science Education Award selection committee

University Service and Outreach

- 2020 Participant in “Skype a Scientist Live” to provide science education for students unable to attend school during COVID-19; broadcast live to 500 people (<https://www.youtube.com/watch?v=uU8gJNt6qUY>)
- 2020 Co-organized student focused lunches with SACNAS to discuss diversity and inclusion in geosciences with guest faculty
- 2020 Organized “Sci-comm Write-A-Thon” for STEM graduate students
- 2019-Present Undergraduate Program Committee: Departmental Service
- 2019-Present USF Faculty and Staff Giving Campaign Committee
- 2017-2018 Darwin Day at USF: coordinating events, speaker invitations
- 2017-2018 Participant in Letters to a pre-scientist, connecting scientists with K-12 students via a letter writing program to encourage students to pursue science
- 2017-2018 Participant in Skype-a-Scientist Program, connecting scientists with K-12 classrooms and US penitentiaries via video calling across the U.S.
- 2017-2018 Developed and helped create educational materials for “fossil boxes”, distributed to over 100 Knox County Classrooms
- 2016-2017 Peer mentor for undergraduate women in STEM in student-run group (Pipeline), particularly first generation and underrepresented minority college students
- 2016 Event Planner for Tennessee State Science Olympiad tournament (Fossils)
- 2014-2016 Darwin Day UT: Lead Organizer of cross-departmental graduate and undergraduate volunteer event. Planned weeklong lecture series, field trips, numerous public outreach events, etc. Funded through personally obtained grants. Annual attendance approximately 1,000 students and community members
- 2013-2014 Darwin Day UT: Head of Advertising. Advertised Darwin Day via newspaper, television, internet, and other media outlets
- 2014 McClung Museum Earth Science Day: Staffed fossil identification booth
- 2013-2016 Knox County Public Schools: Visited multiple elementary, middle, and high school science classrooms as a guest lecturer on fossils, evolution, and geology
- 2013-2016 McClung Museum: Teach short lessons on fossil and geologic history of Tennessee to local elementary and middle school students

Digital Scholarship

- 2016-2018 Frequent contributor and editor of Time Scavengers (blog about teaching climate change and evolution for general public): timescavengers.blog. All authored articles can be found here: <https://timescavengers.blog/tag/sarah-sheffield/>
- 2017-2018 Contributor and editor of Wikipedia. Example of authored page: <https://en.wikipedia.org/wiki/Diploporita>

Invited Talks

Professional

- 2020 Southeastern Louisiana University, Biological Sciences Department: Unraveling fossil trends through evolutionary paleobiology
- 2020 University of Binghamton, Geology and Environmental Sciences Department: Unraveling fossil trends through evolutionary paleobiology
- 2018 University of Florida, Geosciences Department: Insights into evolutionary relationships based on reinterpretations of morphology
- 2018 University of South Florida, Geosciences Department: Insights into evolutionary relationships based on reinterpretations of morphology

- 2017 University of South Florida, Integrative Biology Department: Insights into evolutionary relationships based on reinterpretations of morphology

Community

- 2020 Rutgers University's "Ask A Geologist" Seminar
 2020 University of Michigan's Museum of Paleontology "Friends of the Museum" lecture: The Evolution of Early Echinoderms
 2020 Path to the Future (program for high school students): research scientist as a career
 2020 National Honor Society, Brooks DeBartolo Collegiate High School: Using the Past to Understand our Future
 2020 Tampa Bay Fossil Club: Unraveling the evolutionary relationships of echinoderms
 2017 Knoxville Gem and Mineral Society: The Diploporitan Dispute: Understanding the Evolution of the Early Echinoderms
 2016 Dry Dredgers (Cincinnati, OH): The Evolution of the Early Echinoderms
 2016 Knoxville Gem and Mineral Society. Darwin Day UT: Advancing Science Education in the Knoxville Community

Media attention and Interviews

- 2019 Calling Earth podcast: <http://callingearth.lib.usf.edu/calling-earth-017-sarah-sheffield-paleontologist> 10/11/2019
 2019 Fantastic Women in Science: <https://www.jacquesummers.com/fantastic-women-in-science/january-04th-2019>
 2018 <https://www.buzzfeednews.com/article/juliareinstein/rate-my-professors-hotness-chili-pepper-sexist>. 6/28/2018.
 2016 Knoxville News Sentinel: "Birthday bash for biologist teaches evolution". 2/11/2016. <http://www.knoxnews.com/news/local/birthday-bash-for-biologist-teaches-evolution-2b5aa1e1-a001-2bd7-e053-0100007f26dc-368687061.html>
 2016 The Daily Beacon: "Ancient crocodiles highlighted in Darwin Day lecture". 2/8/2016 http://m.utdailybeacon.com/news/ancient-crocodiles-highlighted-in-darwin-day-lecture/article_5be01a04-ccca-11e5-a850-8bc283db9530.html?mode=jqm
 2015 Times Free Press: "UT Knoxville students plan 4-day celebration of Darwin". 2/7/2015. <http://www.timesfreepress.com/news/breakingnews/story/2015/feb/07/ut-knoxville-students-plan-4-day-celebration-darwin/287138/>
 2015 Knoxville News Sentinel: "Evolving party: UT celebrates Darwin's birthday". 2/10/ 2015. <Http://www.knoxnews.com/news/local/evolving-party-ut-celebrates-darwins-birthday-ep-924620425353577201.html?autoplay=true>
 2015 Knoxville News Sentinel: "Celebrating Charles Darwin at the McClung Museum". 2/10/2015. https://www.youtube.com/watch?v=iTwOR4_2WBs
 2015 "The Daily Beacon: Puppets Promote Darwin's Work, Evolutionary Education". 2/10/2015 http://www.utdailybeacon.com/news/article_f1c3107c-af53-548c-bfb0-712676a2943b.htm

Professional Training

- 2020: Students with Disabilities Ally training
 2019: Mental health training (Kognito: At-Risk for Faculty & Staff)

2019: IRB Training course: Social/Behavioral investigators and key personnel (training valid through 2022)

2019: SafeZone training for LGBTQ+ allyship (4 part course)

2019: UnDocuALLY training for undocumented students

2018: NOLS Wilderness First Aid training (valid through 2020)

Professional Societies

Geological Society of America

The Paleontological Society

Association of Women Geoscientists

Society for Sedimentary Geology