

Davin Johannes Wallace

Assistant Professor, Department of Marine Science, University of Southern Mississippi, Stennis Space Center, MS

Phone: 228-688-3060, Email: davin.wallace@usm.edu

Google Scholar profile (<https://scholar.google.com/citations?user=rDWnxiQAAAAJ&hl=en>)

Education:

Ph.D. (Earth Science) 2010
Rice University, Houston, TX
Dissertation title “Response of the Texas Coast to Global Change: Geologic Versus Historic Timescales” (Advisor: Dr. John B. Anderson)

B.S. *Cum Laude* (Geology; German) 2006
Tulane University, New Orleans, LA

Professional Experience:

University of Southern Mississippi, Department of Marine Science,
Stennis Space Center, MS
Assistant Professor 8/1/2013-*present*

Woods Hole Oceanographic Institution, Department of Geology and
Geophysics, Woods Hole, MA
Guest Investigator 8/1/2013-*present*

Woods Hole Oceanographic Institution, Department of Geology and
Geophysics, Woods Hole, MA
University of Massachusetts at Amherst, Department of Geosciences,
Amherst, MA
NSF EAR Postdoctoral Fellow 8/1/2012-7/31/2013
5/1/14-7/31/14
5/1/15-7/31/15

Rice University, Department of Earth Science, Houston, TX
Complimentary Research Scholar 6/16/2012-*present*
Postdoctoral Research Associate 8/16/2010-7/27/12
Lecturer 5/15/2010-8/15/2010

Peer-reviewed Journal and Encyclopedia Publications (#Wallace advised student author):

Under peer-review

20) #Eisemann, E.R., **Wallace, D.J.**, Buijsman, M.C., Pierce, T., *submitted*, Response of a vulnerable barrier island to storm impacts: LiDAR data inferred morphodynamic changes on Ship Island, Mississippi, USA: *Geomorphology*.

19) Hong, I., Pilarczyk, J.E., Horton, B.P., Fritz, H.M., Kosciuch, T., **Wallace, D.J.**, #Dike, C., Rarai,

A., Harrison, M.J., and Jockley, F.R., *under review*, Sedimentological characteristics of the 2015 Tropical Cyclone Pam overwash sediments from Vanuatu, South Pacific: *Marine Geology*.

18) #Bregy, J.C., **Wallace, D.J.**, Minzoni, R.T., and Cruz, V.J., *resubmitted following acceptance pending revisions*, 2500-year paleotempestological record of intense storms for the Northern Gulf of Mexico, United States: *Marine Geology*.

Published/In press

17) Odezulu, C.I., Lorenzo-Trueba, J., **Wallace, D.J.**, and Anderson, J.B., *in press*, Follets Island: a case of unprecedented change and transition from rollover to subaqueous shoals. in: Moore, L. and Murray, B., ed., *Barrier Dynamics and the Impacts of Climate Change on Barrier Evolution*, Springer Science + Business Media Dordrecht.

16) Baranes, H.E., Woodruff, J.D., **Wallace, D.J.**, Kanamaru, K., and Cook, T.L., 2016, Sedimentological records of the C.E. 1707 Hōei Nankai Trough tsunami in the Bungo Channel, southwestern Japan: *Natural Hazards*, v. 84, p. 1185-1205, DOI 10.1007/s11069-016-2498-3

15) Anderson, J.B., **Wallace, D.J.**, Simms, A.R., Rodriguez, A.B., Weight, R.W., and Taha, Z.P., 2016, Recycling Sediments Between Source and Sink During a Eustatic Cycle: Systems of Late Quaternary Northwestern Gulf of Mexico Basin: *Earth-Science Reviews*, v. 153, p. 111-138.

14) **Wallace, D.J.**, 2015, Washover Fans. in: Kennish, M. J., ed., *Encyclopedia of Earth Sciences Series: Encyclopedia of Estuaries*, Springer Science + Business Media Dordrecht, p. 727, http://dx.doi.org/10.1007/978-94-017-8801-4_241

13) **Wallace, D.J.**, 2015, Washovers. in: Kennish, M. J., ed., *Encyclopedia of Earth Sciences Series: Encyclopedia of Estuaries*, Springer Science + Business Media Dordrecht, p. 727, http://dx.doi.org/10.1007/978-94-017-8801-4_240

12) Anderson, J.B., **Wallace, D.J.**, Simms, A.R., Rodriguez, A.B., and Milliken, K.T., 2014, Variable Response of Coastal Environments of the Northwestern Gulf of Mexico to Sea-Level Rise and Climate Change: Implications for Future Change: *Marine Geology*, v. 352, p. 348-366.

11) **Wallace, D.J.**, Woodruff, J.D., Anderson, J.B., and Donnelly, J.P., 2014, Palaeohurricane reconstructions from sedimentary archives along the Gulf of Mexico, Caribbean Sea, and western North Atlantic Ocean margins. in: Martini, I.P. and Wanless, H.R., ed., *Sedimentary Coastal Zones from High to Low Latitudes: Similarities and Differences: Geological Society, London, Special Publications*, 388, p. 481-501. First published online January 15, 2014, <http://dx.doi.org/10.1144/SP388.12>

10) **Wallace, D.J.**, and Witus, A.E., 2013, Integrating iPad Technology in Earth Science K-12 Outreach Courses: Field and Classroom Applications: *Journal of Geoscience Education*, v. 61, no. 4, p. 385-395.

9) **Wallace, D.J.**, and Anderson, J.B., 2013, Unprecedented erosion of the upper Texas Coast: Response to accelerated sea-level rise and hurricane impacts: *Geological Society of America Bulletin*, v. 125, no. 5-6, p. 728-740.

- 8) McBride, R.A., (alphabetical listing of co-authors) Anderson, J.B., Buynevich, I.V., Cleary, W., Fenster, M., Fitzgerald, D., Harris, M.S., Hein, C.J., Klein, A.H.F., Liu, B., de Menezes, J.T., Pejrup, M., Riggs, S.R., Short, A.D., Stone, G.W., **Wallace, D.J.**, Wang, P., 2013, Morphodynamics of barrier systems: a synthesis. in: Shroder, J., Editor in Chief, Sherman, D., ed., *Treatise on Geomorphology: Coastal and Submarine Geomorphology*, Academic Press, San Diego, CA, v. 10.8, p. 166-244.
- 7) Dolan, G. and **Wallace, D.J.**, 2012, Policy and Management Hazards along the Upper Texas Coast: *Ocean & Coastal Management*, v. 59, p. 77-82.
- 6) Anderson, J.B. and **Wallace, D.J.**, 2011, Science Behind the Plan. in: Hight, C., Anderson, J., Robinson, M., and Biolsi, S., ed., *Atlas of Sustainable Strategies for Galveston Island: Rice University*, p. 7-23.
- 5) **Wallace, D.J.**, Anderson, J.B., and Fernández, R. A., 2010, Transgressive ravinement versus depth of closure: A geological perspective from the upper Texas coast: *Journal of Coastal Research*, v. 26, no. 6, p. 1057-1067.
- 4) Anderson, J., Milliken, K., **Wallace, D.**, Rodriguez, A., and Simms, A., 2010, Coastal impact underestimated from rapid sea level rise: *Eos Transactions American Geophysical Union*, v. 91, no. 23, p. 205–206.
- 3) **Wallace, D.J.**, and Anderson, J.B., 2010, Evidence of similar probability of intense hurricane strikes for the Gulf of Mexico over the late Holocene: *Geology*, v. 38, no. 6, p. 511-514.
- 2) **Wallace, D.J.**, Anderson, J.B., and Rodriguez, A.B., 2009, Natural versus anthropogenic mechanisms of erosion along the upper Texas Coast. in: Kelley, J.T., Pilkey, O.H., and Cooper, J.A.G., ed., *America's Most Vulnerable Coastal Communities: The Geological Society of America Special Paper 460*, p. 137-147.
- 1) Törnqvist, T.E., **Wallace, D.J.**, Storms, J.E.A., Wallinga, J., van Dam, R.L., Blaauw, M., Derksen, M.S., Klerks, C.J.W., Meijneken, C., and Snijders, E.M.A., 2008, Mississippi Delta subsidence primarily caused by compaction of Holocene Strata: *Nature Geoscience*, v. 1, p. 173-176.

Technical Comment:

- 1) Donnelly, J.P., Anderson, J.B., Hawkes, A.D., Otvos, E.G., Toomey, M.R., van Hengstum, P.J., **Wallace, D.J.**, and Woodruff, J.D., 2014, COMMENT on “The geological legacy of Hurricane Irene: Implications for the fidelity of the paleo-storm record” by Scott P. Hippensteel, Matthew D. Eastin, and William J. Garcia: *GSA Today*, v. 24, no. 4/5, p. e28, doi:10.1130/GSATG205C.1.

Graduate Student Theses (Wallace advised student):

- 2) Eisemann, Eve Rettew, 2016, Modern fair-weather and storm sediment transport around Ship Island, Mississippi: Implications for coastal habitats and restoration efforts: *Master's Theses*, Paper 260, http://aquila.usm.edu/masters_theses/260
- 1) Bregy, Joshua Caleb, 2016, Determining the viability of recent storms as modern analogues for northcentral Gulf of Mexico paleotempestology through sedimentary analysis and storm surge

reconstruction: *Master's Thesis*, Paper 198, http://aquila.usm.edu/masters_theses/198

Graduate Student Advising:

Nina Schulze (M.S. student, 2016-present)

Robert Hollis (M.S. student, 2016-present)

Clayton Dike (Ph.D. student, 2015-present)

Joshua Bregy (M.S., 2014-2016; currently pursuing Ph.D. at Indiana University)

Eve Eisemann (M.S. 2013-2016, currently working at the USACE)

Teaching Experience:

University of Southern Mississippi, Department of Marine Science Stennis Space Center, MS	2013-present
MAR 491 Oceans and Climate Change (undergrad)	(1 semesters)
MAR 481 Geological Oceanography (undergrad)	(1 semesters)
MAR 481 (L) Geological Oceanography (undergrad)	(1 semesters)
MAR 581 Geological Oceanography (grad)	(2 semesters)
MAR 581 (L) Geological Oceanography (grad)	(2 semesters)
MAR 684 Coastal Hazards (grad)	(2 semesters)
MAR 684 Sediment Transport (grad)	(2 semesters)
MAR 684 Climate Change (grad)	(3 semesters)
Rice University, Department of Earth Science, Houston, TX	2010-2012
ESCI 511 Putting Earth Science Into Action (grad) (Topics: Oceanography, Historical Geology, Earth and Planetary Science, Earth and Space Science)	(4 semesters)
ESCI 515 Geophysical Field Work for Educators (grad) <i>Field locations- Prairie View, TX; Galveston Island, TX; Texas City Prairie Preserve, TX</i>	(3 semesters)
<i>Teaching Assistant</i>	
Rice University, Department of Earth Science, Houston, TX	2007-2010
ESCI 511 Putting Earth Science Into Action (grad) (Topics: Earth and Planetary Science, Historical Geology, Physical Geology, Environmental Geology)	(4 semesters)
ESCI 515 Geophysical Field Work for Educators (grad) <i>Field location- Prairie View, TX</i>	(1 semester)
ESCI 107 Oceans and Global Change (undergrad)	(1 semester)
Tulane University, Department of Earth and Environmental Sciences, New Orleans, LA	2006
Physical Geology 101 Lab (undergrad)	(1 semester)

Awards, Scholarships, and Fellowships:

National Academy of Sciences Gulf Research Program Early-Career Research Fellowship (<i>For exceptional leadership, past performance, and potential for future contributions to improving oil system safety, human health, or the environment for tenure-track faculty</i>)	2015
NSF EAR Postdoctoral Fellowship	2012
Rice University Earth Science Leroy Caleb Gibbon Award (<i>Best-conceived and best-written thesis submitted within 6 weeks of the oral defense</i>)	2010
Rice University Earth Science Department Service Award	2010
Rice University Earth Science Outstanding Teaching Assistant	2009
Society of Independent Professional Earth Scientists Foundation Scholarship	2009
Chevron Scholarship (<i>Rice University Graduate Student Support</i>)	2008-2009
BP Rice Scholarship Program (<i>Funding Support Summer Field Season</i>)	2008
Bodo Gotzkowsky Award (<i>Tulane University, German and Slavic Studies</i>)	2007
Tulane University B.S. degree <i>Cum Laude</i>	2006
New Orleans Geological Society Memorial Foundation Scholarship	2004-2005

Extramural Funding:

Bureau of Ocean and Energy Management (\$300,000), PI	2016
Bermuda Institute of Ocean Sciences (\$9,948), PI	2015
National Academy of Sciences Gulf Research Program (\$76,000), PI	2015
Joint EPA and USGS (\$54,278), PI	2014
NSF MGG RAPID (\$29,987), PI	2014
NSF EAR Postdoctoral Fellowship (\$127,500), PI	2012

Texas Higher Education Coordinating Board, Teacher Quality Grant (\$101,997), Grant Co-director (PI/Director: Dale S. Sawyer) <i>left grant at Rice University after Summer 2012</i>	2012
Texas Higher Education Coordinating Board, Grant Amendment (\$31,900), Grant Co-director (PI/Director: Dale S. Sawyer)	2011
Texas Higher Education Coordinating Board, One year extension (\$114,402), Grant Co-director (PI/Director: Dale S. Sawyer)	2011
American Association of Petroleum Geologists (AAPG) Grant-In-Aid David Worthington Named Grant (\$3,000)	2010

Scientific Presentations and Abstracts (Wallace as presenter, *invited):

*34) Louisiana State University, Department of Oceanography and Coastal Sciences, 12/2/16, Oral Presentation: “Paleotempestological hurricane reconstructions from the Gulf of Mexico, Caribbean, and North Atlantic: Global climate implications” **Wallace, D.J.**, Donnelly, J.P., Woodruff, J.D., Anderson, J.B., and van Hengstum, P.J.

*33) Bermuda Institute of Ocean Sciences, 10/3/16, Oral Presentation: “Additional Chronology for Spittal Pond and Mangrove Lake Hurricane Reconstructions” **Wallace, D.J.**

*32) Naval Research Laboratory, 8/4/16, Oral Presentation: “1700 year paleotempestological record of intense storms from Bermuda” **Wallace, D.J.**, Donnelly, J.P., Woodruff, J.D., van Hengstum, P.J., Rosenheim, B., and Horgan, M.C.

*31) Louisiana State University, Department of Oceanography and Coastal Sciences, 4/19/16, Oral Presentation: “Long-term evolution of the Texas coast during a eustatic cycle” **Wallace, D.J.**

*30) Dauphin Island Sea Lab, 11/18/15, Oral Presentation: “Reconstructing Hurricane Impacts from Days to Millennia” **Wallace, D.J.**, Donnelly, J.P., Woodruff, J.D., Anderson, J.B., and van Hengstum, P.J.

*29) Geological Society of America, Coastal Hazards from Minutes to Millennia, 11/3/15, Oral Presentation: “Paleotempestological Reconstruction Of Western Atlantic Holocene Hurricane Impacts From Mangrove Lake, Bermuda” **Wallace, D.J.**, Donnelly, J.P., Woodruff, J.D., van Hengstum, P.J., Rosenheim, B., and Horgan, M.C.

28) Geological Society of America, Field and Modeling Approaches to Understanding the Response of Coupled Barrier-Backbarrier Systems to Coastal Change, 11/2/15, Oral Presentation: “Boulder Transport From Storms Near Spittal Pond, Bermuda” **Wallace, D.J.**, van Hengstum, P.J., and Smith, S.R.

*27) University of Southern Mississippi, Department of Geography and Geology, Spring 2015 Geoforum Seminar Series, 4/17/15, Invited Oral Presentation: Paleotempestological Reconstructions

from the Atlantic Ocean” **Wallace, D.J.**, Donnelly, J.P., Woodruff, J.D., Anderson, J.B., and van Hengstum, P.J.

26) American Geophysical Union, Understanding Uncertainties in Paleoclimate and Paleoecology: Age Models, Proxy Processes, and Beyond I Posters, 12/18/14, Poster Presentation: “Paleotempestological chronology developed from gas ion source AMS analysis of carbonates determined through real-time Bayesian statistical approach” **Wallace, D.J.**, Rosenheim, B.E., Roberts, M.L., Burton, J.R., Donnelly, J.P. and Woodruff, J.D.

25) Geological Society of America, Advances in Tsunami and Storm Research, 10/21/14, Oral Presentation: “Reconstructing Western Atlantic Holocene Hurricane Impacts from two Coastal Ponds in Bermuda” **Wallace, D.J.**, Donnelly, J.P. and Woodruff, J.D.

*24) Tulane University, Department of Earth and Environmental Sciences, Fall 2013 Seminar Series, 7/13/13, Invited Oral Presentation: “Palaeohurricane reconstructions along the Gulf of Mexico, Caribbean Sea, and western Atlantic Ocean margins” **Wallace, D.J.**, Donnelly, J.P., Woodruff, J.D. and Anderson, J.B.

*23) University of Southern Mississippi, Department of Coastal Sciences Fall 2013 Seminar Series, Gulf Coast Research Laboratory, 7/5/13, Invited Oral Presentation: “Reconstructing North Atlantic Paleohurricane Impacts from the Sedimentary Record” **Wallace, D.J.**, Donnelly, J.P., Woodruff, J.D. and Anderson, J.B.

22) Joint Penrose/Chapman Conference, Coastal Processes and Environments Under Sea-Level Rise and Changing Climate: Science to Inform Management, 4/15/13, Oral Presentation: “Reconstructing Western Atlantic Hurricane Impacts” **Wallace, D.J.**, Donnelly, J.P., Woodruff, J.D. and Anderson, J.B.

21) Geological Society of America, Paleotempestology: Proxy Record Development and Climate Forcing Mechanisms, 11/7/2012, Oral Presentation: “Evidence of intense hurricane activity coupled with elevated sea surface temperatures and decreased El Niño activity over the past ~1,500 yr B.P.” **Wallace, D.J.** and Anderson, J.B.

20) Geological Society of America, Marine/Coastal Science (Posters), 11/5/2012, Poster Presentation: “Sedimentological record of typhoons and tsunamis from Shikoku, Southwestern Japan” **Wallace, D.J.**, Kanamaru, K., Cook, T.L., and Woodruff, J.D.

19) World Environmental & Water Resources Congress, Prediction of Coastal Surge Impacts and Sea Level Rise, 5/21/12, Oral Presentation: “Accelerated Sea-level Rise: A Current Threat to Coastal Sustainability” **Wallace, D.J.** and Anderson, J.B.

*18) Texas A&M Galveston, Department of Marine Science/Oceanography, 2/9/12, Oral Presentation: “Holocene Hurricane Frequency for the Gulf of Mexico over the late Holocene: Connections to erosion along the Upper Texas Coast” **Wallace, D.J.** and Anderson, J.B.

17) American Geophysical Union, Teacher Professional Development Programs Promoting Authentic Scientific Research in the Classroom II Posters, 12/9/2011, Poster Presentation: “Scientific Research on

a Barrier Island: A Rice University In-service K-12 Summer Course” **Wallace, D.J.** and Sawyer, D.S.

16) American Geophysical Union, Coastal Response to Sea Level Changes II, 12/8/2011, Oral Presentation: “Evidence of accelerated erosion along the upper Texas coast” **Wallace, D.J.** and Anderson, J.B.

15) Geological Society of America, South-Central Section, Our Dynamic Coasts: Past, Present, and Future Impact of Severe Storms, Accelerated Sea-Level Rise, and Variations in Sediment Supply, 3/28/2011, Oral Presentation: “Evidence of Accelerated Coastal Change along the Texas Coast” **Wallace, D.J.** and Anderson, J.B.

14) Geological Society of America, Learning Outside the Geoscience Classroom: Engaging Students Beyond the Lecture and Laboratory Setting, 11/2/2010, Poster Presentation: “Fieldwork as a classroom: Applying technology to Wyatt Chapel Cemetery, Prairie View, TX” **Wallace, D.J.**, Sawyer, D., Minzoni, R., Stollendorf, T., and Vanderford, X.

13) Geological Society of America, The Barrier Island System: Evolution in Response to Changing Sea Levels, 11/2/2010, Oral Presentation: “The impact of rapid sea-level rise on the Texas coast” **Wallace, D.J.**, Anderson, J.B., Milliken, K.T., Rodriguez, A.B., and Simms, A.

12) Harte Research Institute, Sea-level Rise 2010 Conference, 3/1 – 3/3 2010, Poster Presentation: “Response of coastal systems to accelerated sea-level rise” **Wallace, D.J.** and Anderson, J.B.

11) IGCP 495 Conference, Coastal Carolina University 10/27/2009, Oral Presentation: “Evidence of similar storm frequency in the Gulf of Mexico for the late Holocene” **Wallace, D.J.** and Anderson, J.B.

10) Geological Society of America, Improving Coastal Hazards Mitigation through Advances in Coastal Geomorphology, 10/21/2009, Oral Presentation: “Evidence of a similar frequency of intense storms for the Gulf of Mexico over the last 4,000 years” **Wallace, D.J.** and Anderson, J.B.

9) Annual Rice University Department Seminar, Fall Semester 2009, Oral Presentation: “Evidence of similar frequency intense hurricane strikes for the Gulf of Mexico over the late Holocene” **Wallace, D.J.** and Anderson, J.B.

8) Texas Hurricane Conference on Preparedness, Loss Mitigation, Rapid Recovery, and Lessons Learned, University of Houston, 8/7/2009, Poster Presentation: “Evidence for increased storm frequency in the Gulf of Mexico for the past 4,000 years” **Wallace, D.J.** and Anderson, J.B.

7) Texas General Land Office, Coastal Conference, 6/5/2009, Oral Presentation: “Comparison of Long-Term vs. Historical Erosion Rates for the Texas Coast and Examining Causal Mechanisms” **Wallace, D.J.** and Anderson, J.B.

6) American Geophysical Union, Integrated Geohazards Along Continental Margins and Plate Boundary Zones I, 12/17/2008, Oral Presentation: “Geological record of severe storm impacts along the Texas Coast” **Wallace, D.J.**, Anderson, J.B., and Yu, W.

5) SSPEED Conference, Rice University, 10/31/2008, Oral Presentation: “Geological record of severe storm impacts along the Texas Coast” **Wallace, D.J.**, Anderson, J.B., Yu, W., and Rodriguez, A.B.

4) Geological Society of America, Response of Coastal Environments to Accelerated Sea Level Rise, 10/8/2008, Oral Presentation: “Comparison of Long-Term Versus Historical Erosion Rates and Sediment Distribution Patterns for the Texas Coast” **Wallace, D.J.** and Anderson, J.B.

3) Annual Rice University Department Seminar, Fall Semester 2008, Oral Presentation: “Examining Long-term Erosion and Developing a Sand Budget for the Texas Coast” **Wallace, D.J.** and Anderson, J.B.

2) American Association of Petroleum Geologists, Recent Advances in Non-Marine, Shallow Marine and Shelf Siliciclastic Facies Models II (SEPM/AAPG), 4/21/2008, Poster Presentation: “Facies Assemblages for Two Transgressive Barrier Islands” **Wallace, D.J.** and Anderson, J.B.

1) Annual Rice University Department Seminar, Spring Semester 2008, Oral Presentation: “Mississippi Delta subsidence primarily caused by compaction of Holocene strata” **Wallace, D.J.** (all authors Törnqvist, T.E., Wallace, D.J., Storms, J.E.A., Wallinga, J., van Dam, R.L., Blaauw, M., Derksen, M.S., Klerks, C.J.W., Meijneken, C., and Snijders, E.M.A.)

Scientific Presentations and Abstracts (*Wallace Graduate Student as Presenter):

2) American Geophysical Union, Extreme Sea Levels and Coastal Risks in a Changing Climate II, 12/13/2016, Oral Presentation: “Paleotempestological Record of Intense Storms for the Northern Gulf of Mexico, United States” ***Bregy, J.C.** and **Wallace, D.J.**

1) Geological Society of America, Recent Advances in Marine and Coastal Geoscience, 10/22/14, Poster Presentation: “Typhoon Haiyan Impact and Implications for Super Typhoon Paleoreconstructions” ***Grimes, Z.**, ***Eisemann, E.**, **Wallace, D.J.**, Siringan, F., Pilarczyk, J., Lloren, R., Gallentes, A., and Soria, J.L.A.

Community Service and Field Trips (2008-present, most recent first):

-Taught classes (1 in 2014, 2 in 2015, 1 in 2016) for the Osher Lifelong Learning Institute, comprised mostly of non-traditional, retired local citizens of the Gulf Coast taking courses.

-Gave 2 lectures to 160 school children for Stennis Space Center take your child to work day

-Co-led 4 field trips to Horn Island and Mississippi Sound for MAR 151 (undergraduate non-science majors)

-Co-led 3 field trips to the upper Texas coast for SHELL

-Led student field trip to the upper Texas coast for AAPG/SEG

-Aided with field trip to Big Bend, TX assisting undergraduates in the field

-Lead 2 field trips for Rice University REMSL (Rice Elementary Model Science Lab) teachers

to Canyon Lake Gorge, TX

-Lead a field trip for STAT (Science Teachers Association of Texas) to the Texas coast

-Led and co-led two Rice University Earth Science new student field trip to Galveston Island

-Co-led a field trip for Geological Society of America to the Texas coast