

**JEFFREY W. TURNER, Ph.D.**  
Department of Life Sciences  
Texas A&M University – Corpus Christi  
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## EDUCATION

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2010            **Ph.D. in Ecology**, Odum School of Ecology  
University of Georgia, Athens, GA, USA

1997            **B.S. in Chemistry**  
Mercer University, Macon, GA, USA

## PUBLIC SERVICE

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1998 – 2002    **United States Coast Guard**, Marine Diesel Mechanic E5, USCGC Polar  
Star, Seattle WA, USA

## ACADEMIC APPOINTMENTS

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2020 – present    **Associate Professor**, Department of Life Sciences  
Texas A&M University – Corpus Christi, TX, USA

2014 – 2020    **Assistant Professor**, Department of Life Sciences  
Texas A&M University – Corpus Christi, TX, USA

2010 – 2014    **Postdoctoral Research Associate**, NOAA Northwest Fisheries Science  
Center and University of Washington Center for Environmental Genomics,  
Seattle, WA, USA

## FUNDING

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**Awarded at TAMU-CC:** Total funding \$1,409,844: external funding \$1,319,844 (Turner  
portion \$935,577), internal funding \$90,000 (Turner portion \$67,500)

\$74,482            **United States Department of Agriculture (USDA)**. Mitigation of feral  
swine fecal pollution in coastal recreational and oyster harvesting waters.  
2024-2026. PI Turner. Turner portion \$74,482.

\$494,348            **Environmental Protection Agency (EPA)**. Improving community health:  
microbial source-tracking (MST) and quantitative risk assessment (QMRA)  
on the Texas coast. 2022-2025. PI Turner, Co-PIs Lucas Gregory and Michael  
Wetz. Turner portion \$356,038.

\$62,108            **Coastal Bend Bays and Estuaries Program (CBBEP)**. Assessment of water  
quality in a model Coastal Bend canal community. 2022-2024. PI Turner.  
Turner portion \$49,508.

\$20,000            **Texas Comprehensive Research Fund (TCRF)**. Biodiversity and toxicity of  
nurdle pollution in the northern Gulf of Mexico. 2020-2021. PI: Jeffrey  
Turner. Co-PI: Josh Ozymy, Cherie McCollough. Turner portion \$20,000.

\$10,000	<b>Texas Sea Grant.</b> Capturing the signature of the COVID-19 quarantine on coastal water quality. 2020. PI: Michael Wetz, Co-PI: Jeffrey Turner. Turner portion \$8,806.
\$20,000	<b>Texas General Land Office.</b> Characterizing water quality conditions in the Texas Coastal Zone. 2020. PI: Jeffrey Turner, Co-PI: Michael Wetz. Turner portion \$18,255.
\$30,000	<b>Research Equipment and Infrastructure Grant.</b> Modifications of Tidal Hall 314E/F into a compliant animal biosafety level 2 laboratory. 2020. PI: Dara Orbach, Co-PIs: Frauke Seemann, Wei Xu, and Jeffrey Turner. Turner portion \$7,500.
\$407,570	<b>NIH Academic Research Enhancement Award (AREA).</b> Occurrence and functional consequence of a novel prophage linked with the attenuation of virulence in pandemic O3:K6 <i>Vibrio parahaemolyticus</i> . 2019 – 2022. PI: Jeffrey Turner, Co-PI: Daniele Provenzano UTRGV. Turner portion \$317,122.
\$65,602	<b>Texas General Land Office Coastal Management Program (GLO-CMP).</b> Identification of microbiological and water quality drivers of brown tide in Baffin Bay. 2019 – 2021. PI: Jeffrey Turner, Co-PI: Jessica Labonté TAMU-G. Turner portion \$33,114.
\$33,000	<b>Coastal Bend Bays and Estuaries Program (CBBEP).</b> Oyster flood tracker: reconstructing inflows to reefs and effects on Dermo and <i>Vibrio vulnificus</i> loading. 2019 – 2020. PI: Ben Walther, Co-PI: Jeffrey Turner. Turner portion \$14,677.
\$47,558	<b>Coastal Bend Bays and Estuaries Program (CBBEP).</b> A bacterial source-tracking project for Little Bay. 2018 – 2019. PI: Jeffrey Turner
\$20,000	<b>Texas Comprehensive Research Fund (TCRF).</b> Identification of microorganisms associated with the termination of a harmful algal bloom. 2017 – 2018. PI: Jeffrey Turner
\$59,892	<b>Coastal Bend Bays and Estuaries Program (CBBEP).</b> A bacterial source tracking project to identify sources of fecal pollution at Cole and Ropes Park. 2017 – 2018. PI: Jeffrey Turner
\$45,284	<b>Texas General Land Office Coastal Management Program (GLO-CMP).</b> Assessing the fate of plastic debris in marine environments. 2016 – 2018. PI: Jeffrey Turner.
\$20,000	PI, <b>Texas Research and Development Funding (TRDF).</b> Assessing the fate of plastic debris in coastal environments. 2015 – 2016. PI: Jeffrey Turner.
<b>Awarded during postdoc and graduate program: Total funding \$152,000</b>	
\$80,000	<b>NRC Postdoc Research Associateship.</b> Northwest Fisheries Science Center. 2011-2012. PI: Jeffrey Turner, Mentor: Mark S. Strom.

\$42,000	<b>NOAA Oceans &amp; Human Health Postdoctoral Fellowship.</b> University of Washington, 2010-2011. PI: Jeffrey Turner, Mentor: E. Virginia Armbrust.
\$30,000	<b>NOAA Oceans &amp; Human Health Graduate Fellowship.</b> University of Georgia. 2009-2010. PI: Jeffrey Turner, Mentor: Erin K. Lipp
<b>Awarded to Tuner-mentored students at TAMU-CC: Total funding \$98,861</b>	
\$2,500	<b>Texas Sea Grant Grants-In-Aid of Graduate Research.</b> Colin O'Donnell. M.S. student. 2021-2023.
\$2,488	<b>Texas Sea Grant Grants-In-Aid of Graduate Research.</b> Paxton T. Bachand. Ph.D. student. 2020-2022.
\$800	<b>TAMU-CC Research &amp; Innovation Student Research Competition.</b> Paxton. T. Bachand. Ph.D. student. 2020-2021.
\$884	<b>Millicent Quammen Memorial Research Award.</b> Paxton T. Bachand. Ph.D. student. 2020 – 2021.
\$1,000	<b>Outstanding Teaching Assistant.</b> Paxton T. Bachand, Ph.D. student. 2020 – 2021.
\$15,000	<b>Provost Tuition Scholarship.</b> David Silva, Ph.D. student. 2019 – 2021.
\$8,000	<b>Texas Board of Higher Education Good Neighbor Scholarship.</b> Lee J. Pinnell, Ph.D. student. 2019 – 2020.
\$2,000	<b>Rising Scholar Scholarship.</b> Nicole C. Elledge, Ph.D. student. 2019 – 2020.
\$1,000	<b>Graduate Scholarship.</b> Nicole C. Elledge, Ph.D. student. 2019 – 2010.
\$2,000	<b>Rising Scholar Scholarship.</b> Paxton Bachand, M.S. student. 2019 – 2020.
\$2,000	<b>Rising Scholar Scholarship.</b> Nicole C. Elledge, Ph.D. student. 2018 – 2019.
\$800	<b>Research Commercialization Office Student Grant Competition.</b> Nicole C. Elledge, Ph.D. student. 2018 – 2019.
\$8,000	<b>Texas Board of Higher Education Good Neighbor Scholarship.</b> Lee J. Pinnell, Ph.D. student. 2018 – 2019.
\$940	<b>International Society of Microbial Ecology Student Travel Grant.</b> Lee J. Pinnell, Ph.D. student. 2018 – 2019.
\$1,887	<b>Texas Sea Grant Grants-In-Aid of Research.</b> Lee J. Pinnell, Ph.D. student. 2018 – 2019.
\$9,000	<b>Eugene and Millicent Goldschmidt Award.</b> Nicole C. Elledge, Ph.D. student. 2018 – 2019.
\$1,940	<b>Texas Sea Grant Grants-In-Aid of Research.</b> Nicole C. Elledge, Ph.D. student. 2017 – 2018.
\$1,000	<b>Texas Sea Grant Grants-In-Aid of Research.</b> Lee J. Pinnell, Ph.D. student. 2015 – 2016.

- \$42,000      **National Sciences and Engineering Research Council of Canada (NSERC) Fellowship.** Lee J. Pinnell, Ph.D. student. 2017 – 2019.
- \$1,410      **Texas Sea Grant Grants-In-Aid of Research.** James J. Tallman, M.S. student. 2015 – 2016.

## **PUBLICATIONS**

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Turner-mentored graduate student\*; Turner-mentored undergraduate student#  
1,341 citations, h-index of 15, i10-index of 18, Google Scholar Profile: <https://goo.gl/eKgd8W>

### **Peer-Reviewed Publications:**

32. Buck, Gregory W., Derrick J. Chelikowsky, Stella M. Doyungan, Mohammad Emad Tahtamouni, and **Jeffrey W. Turner** (2023). A model for online delivery of majors' and nursing microbiology laboratories during COVID-19 pandemic emergency. *Distance Learning Journal* 20(1).
31. Pinnell, Lee\*, Jeremy Conkle and **Jeffrey W. Turner** (2022). Microbial succession during the degradation of bioplastic in coastal marine sediment favors sulfate reduction. Invited contribution to special topic on bioplastic biodegradation. *Frontiers in Marine Science* 10.3389. <https://www.frontiersin.org/articles/10.3389/fmars.2022.945822/full>.
30. DiBona, Elizabeth, Lee Pinnell\*, Annika Helsing, Simon Geist, **Jeffrey W. Turner** and Frauke Seemann (2021). A holistic assessment of polyethylene fiber ingestion in larval and juvenile Japanese medaka fish. *Frontiers in Physiology* 12:668645. <https://doi.org/10.3389/fphys.2021.668645>.
29. Wetz, Michael S., Nicole C. Powers\*, **Jeffrey W. Turner**, and Yuxia Huang (2021). No widespread signature of the COVID-19 quarantine period on water quality across a spectrum of estuarine systems. *Science of the Total Environment*. 807(2):150825. <https://doi.org/10.1016/j.scitotenv.2021.150825>.
28. Di Cesare, Andrea, Lee J. Pinnell\*, Diego Brambilla, Giulia Elli\*, Raffaella Sabatino, María B. Sathicq, Gianluca Corno, Colin O'Donnell\*, **Jeffrey W. Turner** (2021). Bioplastic accumulates antibiotic and metal resistance genes in marine sediments. *Environmental Pollution*. 118161. <https://doi.org/10.1016/j.envpol.2021.118161>.
27. **Turner, Jeffrey W.**, Jorge Duran-Gonzalez, David A. Laughlin, Daniel Unterweger, David Silva\*, Boris Ermolinsky, Stefan Pukatzki, Daniele Provenzano (2021). Draft genome sequences of *Vibrio cholerae* from the Rio Grande Delta. *Microbiology Resource Announcements* 10:e00308-21. <https://doi.org/10.1128/MRA.00308-21>.
26. Powers, Nicole C.\*, Hailey R. Wallgren\*, Sandra Marbach#, and **Jeffrey W. Turner** (2021). Water quality dynamics in response to rainfall along an estuarine ecocline. *ES&T Water* 1:1503-1514. <https://doi.org/10.1021/acsestwater.1c00051>.
25. Powers, Nicole C. \*, Jason Pinchback, Lucy Flores, Yuxia Huang, Michael S. Wetz and **Jeffrey W. Turner** (2021). Long-term water quality analysis reveals correlation between bacterial pollution and sea level rise in the northwestern Gulf of Mexico. *Marine Pollution Bulletin* 166:112231. <https://doi.org/10.1016/j.marpolbul.2021.112231>.

24. Pinnell, Lee J.\* and **Jeffrey W. Turner** (2020). Seasonal changes in temperature and salinity drive the formation of a reversible, plastic-specific microbial community. *FEMS Microbiology* 96(12):fiaa230. <https://doi.org/10.1093/femsec/fiaa230>.
23. Mehrubeoglu, Mehrube, Austin Van Sickle and **Jeffrey W. Turner** (2020). Detection and identification of plastics using SWIR hyperspectral imaging. Proceedings Vol. 11504, Imaging Spectrometry XXIV: Applications, Sensors, and Processing, 115040G. <https://doi.org/10.1117/12.2570040>.
22. Huang, I-Shou, Lee. J. Pinnell\*, **Jeffrey W. Turner**, Hussain Abdulla, Sergei Shalygin, Lauren Boyd, Eric W. Linton and Paul V. Zimba. (2020). Preliminary assessment of microbial community structure of wind-tidal flats in the Laguna Madre, Texas, USA. *MDPI Biology* 9(8):183. <https://doi.org/10.3390/biology9080183>.
21. Powers, Nicole C.\*, Hailey R. Wallgren\*, Sandra Marbach#, and **Jeffrey W. Turner** (2020). Relationship between rainfall, fecal pollution, antimicrobial resistance, and microbial diversity in an urbanized subtropical bay. *Applied and Environmental Microbiology*. AEM.01229-20. <https://doi.org/10.1128/AEM.01229-20>.
20. Walther, Benjamin, Paxton T. Bachand\*, Colin O'Donnell#, Andrew Hinson, and **Jeffrey W. Turner** (2020). Investigating salinity fluctuations and pathogen infection patterns between natural and restored subtropical oyster reefs. *Experimental Results* 1:e23. <https://doi.org/10.1017/exp.2020.28>.
18. Azadani, Danial Nasr#, Daiyuan Zhang, John R. Hatherhill and **Jeffrey W. Turner** (2020). Isolation, characterization, and comparative genomic analysis of a bacteriophage infecting high-level aminoglycoside-resistant (HLAR) *Enterococcus faecalis*. *PeerJ* 8:e9171. <https://doi.org/10.7717/peerj.9171>.
17. Bachand, Paxton T. \*, James J. Tallman\*, Nicole C. Powers\*, Danial Nasr Azadani#, Megan Woods#, Paul V. Zimba and **Jeffrey W. Turner** (2020). Genomic identification and characterization of co-occurring Harveyi clade species during a vibriosis infection in Pacific white shrimp (*Litopenaeus vannamei*). *Aquaculture* 518:734628. <https://doi.org/10.1016/j.aquaculture.2019.734628>.
16. Mullis, Megan, I-Shuo Huang, Githzette Planas-Costas, Reavelyn Pray#, Gregory W. Buck, Arian Nassiri, Courtney Fuentes, Lauren Turner, Gabriel D. Ramirez, Joanna B. Mott and **Jeffrey W. Turner** (2019). Draft genome sequences of 42 environmental *Vibrio vulnificus* strains isolated from the northern Gulf of Mexico. *ASM Genome Announcements* 8:e002000-19. <https://doi.org/10.1128/MRA.00200-19>.
15. Pinnell, Lee J.\* and **Jeffrey W. Turner** (2019). Shotgun metagenomics reveals the benthic microbial community response to plastic and bioplastic in a coastal marine environment. *Frontiers in Microbiology* 10:1252. <https://doi.org/10.3389/fmicb.2019.01252>.
14. Elledge, Nicole C.\*, Ron I. Eytan, Lee J. Pinnell\*, Reavelyn Pray#, Jessica L. Joyner, John P. Wares, Kathryn P. Sutherland, Erin K. Lipp and **Jeffrey W. Turner** (2019). Draft genome sequences of 38 *Serratia marcescens* isolated associated with acroporid serratiosis. *Microbiology Resource Announcements* 8:e00194-19. <https://doi.org/10.1128/MRA.00194-19>.

13. **Turner, Jeffrey W.**, James J. Tallman\*, Amanda Macias#, Lee J. Pinnell\*, Nicole C. Elledge\*, William B. Nilsson, Rohinee N. Paranjpye, E. Virginia Armbrust and Mark S. Strom (2018). Comparative genomic analysis of *Vibrio diabolicus* and six taxonomic synonyms: a first look at the distribution, diversity and potential virulence of the expanded species. *Frontiers in Microbiology* 9:1893. <https://doi.org/10.3389/fmicb.2018.01893>.
12. Conkle, Jeremy, Christian D. Báez Del Valle and **Jeffrey W. Turner** (2017). Are we underestimating microplastic contamination in aquatic environments? *Environmental Management* 61:1-8. <https://doi.org/10.1007/s00267-017-0947-8>.
11. Moreno, Emille#, Marci Parks#, Lee J. Pinnell\*, James J. Tallman\* and **Jeffrey W. Turner** (2017). Draft genome sequence of a *Vibrio harveyi* strain associated with vibriosis in Pacific white shrimp *Litopenaeus vannamei*. *ASM Genome Announcements* 5:e01662-16. <https://doi.org/10.1128/genomeA.01662-16>.
10. Collin, Betty\*, Lee J. Pinnell\*, James J. Tallman\* and **Jeffrey W. Turner** (2016). Draft genome sequences of one marine and one clinical *Vibrio parahaemolyticus* strain, both isolated from Sweden. *ASM Genome Announcements* 4(5):e01196-16. <https://doi.org/10.1128/genomeA.01196-16>.
9. **Turner, Jeffrey W.**, Chris T. Berthiaume, Rhonda Morales, E. Virginia Armbrust and Mark S. Strom (2016). Genomic evidence of adaptive evolution in emergent *Vibrio parahaemolyticus* ecotypes. *Elementa* 4:000117. <https://doi.org/10.12952/journal.elementa.000117>.
8. William B. Nilsson and **Jeffrey W. Turner** (2016). The thermostable direct hemolysin-related hemolysin (*trh*) gene of *Vibrio parahaemolyticus*: Sequence variation and implications for detection and function. *Journal of Microbiological Methods* 126(2016): 1-7. <https://doi.org/10.1016/j.mimet.2016.04.007>.
7. **Turner, Jeffrey W.**, Leena Malayil, Dominic Guadagnoli, Dana C. Cole and Erin K. Lipp (2014). Detection of *Vibrio parahaemolyticus*, *Vibrio vulnificus* and *Vibrio cholerae* with respect to seasonal fluctuations in temperature and plankton abundance. *Environmental Microbiology* 16(4):1019-1028. <https://doi.org/10.1111/1462-2920.12246>.
6. **Turner, Jeffrey W.**, Rohinee N. Paranjpye, Eric Landis, Narjol Gonzales-Escalona, William B. Nilsson, Stanley V. Biryukov and Mark S. Strom (2013). Population structure of clinical and environmental *Vibrio parahaemolyticus* from the Pacific Northwest coast of the United States. *PLoS ONE* 8 (2): e55726. <https://doi.org/10.1371/journal.pone.0055726>.
5. Xu, Jiajie, **Jeffrey W. Turner**, Matthew Idso, Stanely V. Biryukov, Laurel Rognstad, Heng Gong, Mark S. Strom and Qiuming Yu (2013). *In situ* strain level distinction of *Vibrio parahaemolyticus* using surface enhanced Raman spectroscopy. *Analytical Chemistry* 85 (5): 2630-2637. <https://doi.org/10.1021/ac3021888>.
4. Mote, Beth L., **Jeffrey W. Turner** and Erin K. Lipp (2012). Persistence and growth of the fecal indicator bacteria, enterococci, in detritus and natural estuarine plankton communities. *Applied and Environmental Microbiology* 78: 2569-2577. <https://doi.org/10.1128/AEM.06902-11>.

3. Malayil, Leena, **Jeffrey W. Turner**, Beth L. Mote and Erin K. Lipp (2011). Evaluation of enrichment media for improved detection of *Vibrio cholerae* and *Vibrio vulnificus* from estuarine water and plankton. *Journal of Applied Microbiology* **110**: 1470-1475. <https://doi.org/10.1111/j.1365-2672.2011.04996.x>.
2. Sutherland, Kathryn P., James W. Porter, **Jeffrey W. Turner**, Meredith K. Meyers, Monica L. Griffith, Jana C. Futch and Erin K. Lipp (2010). Human sewage identified as likely source of white pox disease of the threatened Caribbean elkhorn coral, *Acropora palmata*. *Environmental Microbiology* **12(5)**: 1122-1131. <https://doi.org/10.1111/j.1462-2920.2010.02152.x>.
1. **Turner, Jeffrey W.**, Brooks Good, Dana C. Cole and Erin K. Lipp (2009). Plankton composition and environmental factors contribute to *Vibrio* seasonality. *International Society of Microbial Ecology* **3**: 1082-1092. <https://doi.org/10.1038/ismej.2009.50>.

#### Non-Peer-Reviewed Publications:

3. Woods, Megan<sup>#</sup> and **Jeffrey W. Turner** (2017). Characterization of a pathobiome contributing to a disease outbreak in Pacific white shrimp (*Litopenaeus vannamei*). *McNair Scholars Research Journal*, 2017, 76-81.
2. **Turner, Jeffrey W.** and Joe Peña (2017). Coastal concerns: A collaboration between art and science students at Texas A&M University-Corpus Christi. Art contributed by 26 TAMU-CC students: Nicole Elledge, Jared Brandt, Danielle Zimmerman, Lydia Joy, Katherine Dion, Kristina Schubert, Erika Velasquez, Danielle Aquilar, Belinda Torres, Danielle DeVacque, Joanna Bolsins, Polly Hajovsky, Karla Otwell, Tiffany Hawkins, Juan Olvera, Katherine Martin, Tana Alcantara, Megan Mullis, Lucas Barraza, Marina Partain, Christibelle Neal, Rachel Weisend, Tiffany Garza, Joseph Reustle. *Self-published*.
1. Reustle, Joseph, Joe Pena, Kristina Schubert, Katherine Dorin, Jared Brandt, Nicole C. Elledge, Juan Olvera, Tiffany Hawkins and **Jeffrey W. Turner** (2017). A collection of STEM-inspired artwork and poetry. *Third Coast Science for You* **2**. <http://www.thirdcoastscience.org/issue-2-.html>.

#### Book Chapters:

1. Strom, Mark S., Rohinee N. Paranjpye, William B. Nilsson, **Jeffrey W. Turner**, and Gladys K. Yanagida (2013). Pathogen update: *Vibrio* species. *Advances in Microbial Food Safety*. **1**: 97-113. J Sofos (ed), Woodhead publishing, Cambridge, U.K.

#### Technical Reports:

8. Powers, Nicole C., Nora Bleth, Andrew Johnson, Jacqueline Nicolay, Ray Ayers and **Jeffrey W. Turner** (2023). Assessment of water quality in a model Coastal Bend canal community. *Coastal Bend Bays and Estuaries Program Final Report*. Project 2236.
7. Bachand, Paxton T.\*, Jordan R. Walker, Lydia Hayes, Wingman Lee, Jessica M. Labonté, Lin Zhang, Jeffrey W. Turner (2022). Identification of microbiological and water quality drivers of brown tide in Baffin Bay. *Texas General Land Office Final Report*. GLO Contract No. 20-034-000-B742.



6. Powers, Nicole C.\*, Jason Pinchback, Lucy Flores, Michael S. Wetz and **Jeffrey W. Turner** (2020). Characterizing water quality conditions in the Texas coastal zone. *Texas General Land Office Final Report*. GLO Contract No. 20-226-000.
5. Walther, Benjamin, **Jeffrey W. Turner**, Paxton T. Bachand\*, Colin O'Donnell#, and Andrew Hinson (2020). Oyster flood tracker: reconstructing inflows to reefs and effects on *Vibrio vulnificus* and *Perkinsus marinus* abundance. *Coastal Bend Bays and Estuaries Program Final Report*. Publication 136, Project 1920.
4. **Turner, Jeffrey W.**, Nicole C. Elledge\*, Hailey R. Wallgren#, and Sandra M. Amend# (2019). A bacterial source tracking project to identify sources of fecal pollution at Little Bay. *Coastal Bend Bays and Estuaries Program Final Report*. Publication 127, Project 1816.
3. **Turner, Jeffrey W.**, and Lee J. Pinnell\* (2018). Assessing the fate of plastic debris in the marine environment. *Texas General Land Office Final Report*. GLO Contract No. 17-177-000-9814.
2. **Turner, Jeffrey W.**, Nicole C. Elledge\*, Hailey R. Wallgren#, and Sandra M. Amend# (2018). A bacterial source tracking project to identify sources of fecal pollution at Cole and Ropes Parks. *Coastal Bend Bays and Estuaries Program Final Report*. Publication 124, Project 1705.
1. Tobin-D'Angelo, Melissa, Stepy Thomas, Dana C. Cole and **Jeffrey W. Turner** (2007). *Vibrio* in Georgia. *Georgia Epidemiology Report* **23**: 1-4.

#### Conference Proceedings:

3. Conkle, Jeremy L., Christian Baez-Del Valle and **Jeffrey W. Turner** (2016). Most microbeads in a preliminary survey of personal care products are smaller than the typical 330 um trawl mesh size used in surface water surveys. American Geophysical Union, Ocean Sciences Meeting. Abstract #HI44A-1818.
2. Moreno, Emille, Marci C. Parks#, Lee J. Pinnell\* and **Jeffrey W. Turner** (2016). Genomic analysis of two emergent *Vibrio parahaemolyticus* strains. American Geophysical Union, Ocean Sciences Meeting. Abstract #MM24C-0453.
1. Pinnell, Lee J. \* and **Jeffrey W. Turner** (2016). Genomic analysis of attenuation in pandemic *Vibrio parahaemolyticus*. American Geophysical Union, Ocean Sciences Meeting. Abstract #MM24C-0451.

#### PRESENTATIONS

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Turner-mentored graduate student\*; Turner-mentored undergraduate student#

#### Selected Invited Presentations:

18. **Turner, Jeffrey W.** (2023). Microbial source-tracking in the Baffin Bay watershed. Baffin Bay Coordinators Workshop. Corpus Christi, TX.
17. **Turner, Jeffrey W.** (2022). Assessment of Corpus Christi Bay water quality. Corpus Christi Watershore and Beach Advisory Committee. Corpus Christi, TX.



16. **Turner, Jeffrey W.** (2021). Making sense of bacterial pollution hotspots in coastal Texas. CBBEP Coastal Issues Forum. Corpus Christi, TX.
15. **Turner, Jeffrey W.** (2020). Bacterial source tracking in Little Bay. Rockport community stakeholder meeting, Rockport, TX.
14. **Turner, Jeffrey W.** (2020). Marine plastic pollution. TAMU-CC Geek Week Speaker Series, Corpus Christi, TX.
13. **Turner, Jeffrey W.** (2020). Temporal variability of plastic and bioplastic biofilms in marine sediments. 1<sup>st</sup> Middle Eastern Microbial Ecology Conference (sponsored by the International Society for Microbial Ecology, ISME), New York University Abu Dhabi, UAE.
12. **Turner, Jeffrey W.** (2019). Life on a nurdle: the benthic microbial community response to plastic and bioplastic in coastal sediments. Old Dominion University, Norfolk, VA.
11. **Turner, Jeffrey W.** (2018). Authentic research as a bridge between two- and four-year institutions. Texas Branch Meeting American Society of Microbiology (TX-ASM), New Braunfels, TX.
10. **Turner, Jeffrey W.** (2017). A biologist and a computer scientist walk into a bar. Academic Showcase at TAMU-CC Island Days, Corpus Christi, TX.
9. **Turner, Jeffrey W.** (2017). The ‘flesh-eating’ bacterium *Vibrio vulnificus*. Teen STEM Café, Texas State Aquarium, Corpus Christi, TX.
8. **Turner, Jeffrey W.** (2017). Deciphering cryptic genetic variation in clonal pathogenic bacterial species. Texas Branch Meeting American Society of Microbiology (TX-ASM), New Braunfels, TX.
7. **Turner, Jeffrey W.** (2016). Not all *Vibrio* are virulent – knowing the difference can prevent illness and optimize resource management. Coastal Bend Bays Foundation’s Coastal Issues Forum. Del Mar College, Corpus Christi, TX.
6. **Turner, Jeffrey W.** (2016). Genomic investigation of a *Vibrio parahaemolyticus* outbreak in the Pacific Northwest. UT Marine Science Institute (UTMSI), Port Aransas, TX.
5. **Turner, Jeffrey W.** (2015). Evolution of stress response in predominant *Vibrio parahaemolyticus* strains. Harte Research Institute (HRI) Seminar Series. Texas A&M University – Corpus Christi, TX.
4. **Turner, Jeffrey W.** (2014). Positive selection shapes the diversity of predominant *Vibrio parahaemolyticus* strains. Marine Biology Interdisciplinary Graduate Program (MARB-IDP) Retreat. Texas A&M University – College Station, TX.
3. **Turner, Jeffrey W.** (2014). Genomics analysis of predominant *Vibrio parahaemolyticus* sequence types. Texas A&M University – Galveston, TX.
2. **Turner, Jeffrey W.** and Mark S. Strom (2011). Genetic Diversity of *Vibrio parahaemolyticus* in the Pacific Northwest. Guest Lecture. Washington State Department of Health, Tumwater, WA.

1. **Turner, Jeffrey W.** and Mark S. Strom (2011). Genetic Diversity of *Vibrio parahaemolyticus* in the Pacific Northwest. Oceans and Human Health (OHH) Seminar Series, University of Washington, Seattle, WA.

#### **Selected Conference Oral Presentations:**

26. Silva, David, Jordan Wolfkill, Hailey R. Wallgren, Boris Ermolinksy, Daniele Provenzano, **Jeffrey W. Turner** (2022). Cold shock sensitivity in novel O3:K6 *Vibrio parahaemolyticus* ecotype. TAMUCC Spring Research Symposium. Corpus Christi, TX.
25. Bachand, Paxton T.\*, Nicole C. Powers, Kenneth C. Hayes, Lee J. Pinnell, Sarah Tominack, Michael S. Wetz, **Jeffrey W. Turner** (2022) Holistic investigation of a recurrent *Aureoumbra lagunensis* brown tide bloom: water quality parameters and microbial consortia. TAMUCC Spring Research Symposium. Corpus Christi, TX.
24. Bachand, Paxton\*, Nicole C. Powers, Lee J. Pinnell, Kenneth C. Hayes, Sarah Tominack, Michael S. Wetz, **Jeffrey W. Turner** (2021). Analysis of a brown tide *Aureoumbra lagunensis* harmful algal bloom microbiome. Virtual Texas Branch Meeting American Society of Microbiology (TX-ASM).
23. Wolfkill, Jordan\*, David Silva\*, Hailey Wallgren, Boris Ermolinsky, **Jeffrey W. Turner**, Daniele Provenzano (2021). Expression of cold shock transcriptional regulator CaspA and the putative virulence-associated VacB/RNaseR restores growth at low temperature in pandemic O3:K6 *Vibrio parahaemolyticus*. Virtual Texas Branch Meeting American Society of Microbiology (TX-ASM).
22. Di Cesare, Andrea, Lee J. Pinnell, Diego Brambilla, Giulia Elli, Raffaella Sabatino, María B. Sathicq, Gianluca Corno, Colin O'Donnell, **Jeffrey W. Turner** (2021). Bioplastic accumulates antibiotic and metal resistance genes in marine sediments. Texas Plastic Pollution Symposium, South Padre Island, Texas.
21. Powers, Nicole C.\*, Jason Pinchback, Lucy Flores, Michael S. Wetz and **Jeffrey W. Turner** (2020). Historical water quality analysis throughout coastal Texas reveals relationship between degrading water quality, population growth, and sea level rise. Texas Branch Meeting American Society of Microbiology (TX-ASM), University of North Texas, Dallas, TX.
20. Silva, David\*, Jordan Wolfkill, Hailey R. Wallgren\*, Boris Ermolinksy, Daniele Provenzano and **Jeffrey W. Turner** (2020). Discovery and characterization of a novel ecotype of pandemic *Vibrio parahaemolyticus* with increased cold sensitivity. SACNAS The National Diversity in STEM Virtual Conference.
19. Bachand, Paxton\*, Danial Nasr Azadani<sup>#</sup> and **Jeffrey W. Turner** (2018). Characterization of a culturable pathobiome contributing to a disease outbreak in Pacific white shrimp (*Litopenaeus vannamei*). American Association for the Advancement of Science (AAAS), Austin, TX.
18. Elledge, Nicole C.\*, Hailey Wallgren<sup>#</sup>, Sandra Marbach<sup>#</sup>, Collin O'Donnell<sup>#</sup> and **Jeffrey W. Turner** (2018). Assessing the impact of stormwater runoff on the prevalence of fecal indicator bacteria in an urbanized bay. American Association for the Advancement of Science (AAAS), Austin, TX.

17. Pinnell, Lee\* and **Jeffrey W. Turner** (2018). Nurdles for dinner? The microbial response to plastic and bioplastic in coastal waters. American Association for the Advancement of Science (AAAS), Austin, TX.
16. Azadani, Danial Nasr<sup>#</sup>, John Hatherhill, Daiyuan Zhang and **Jeffrey W. Turner** (2018). A novel bacteriophage for a promising viable alternative in the fight against antibiotic-resistant bacteria. American Association for the Advancement of Science (AAAS), Austin, TX.
15. Woods, Megan<sup>#</sup> and **Jeffrey W. Turner** (2018). Characterization of a pathobiome contributing to a disease outbreak in Pacific white shrimp (*Litopenaeus vannamei*). McNair Scholars National Meeting, College Station, MD.
14. Azadani, Danial Nasr<sup>#</sup>, **Jeffrey W. Turner** and Daiyuan Zhang (2017). Isolation and characterization of a novel *Enterococcus faecalis* bacteriophage Guche. SACNAS National Conference, Salt Lake City, UT.
13. Pinnell, Lee J.\* and **Jeffrey W. Turner** (2017). A tale of two nurdles: plastic-microbe interactions in Texas' coastal waters. Texas Branch Meeting American Society of Microbiology (TX-ASM), New Braunfels, TX.
12. Elledge, Nicole C.\*, Lee J. Pinnell\*, Ron I. Eytan and **Jeffrey W. Turner** (2017). A genomic analysis of white pox disease associated *Serratia marcescens*. Texas Branch Meeting American Society of Microbiology (TX-ASM), New Braunfels, TX.
11. Tallman, James J.\* and **Jeffrey W. Turner** (2016). Metagenomic investigation of antibiotic resistance in Texas Coastal Bays. Marine Biology Interdisciplinary Graduate Program (MARB-IDP) Retreat, Texas A&M University – Galveston, TX.
10. Elledge, Nicole\*, Ron I. Eytan and **Jeffrey W. Turner** (2016). Genomic analysis of *Serratia marcescens* associated with white pox disease in Elkhorn coral (*Acropora palmata*). Marine Biology Interdisciplinary Graduate Program (MARB-IDP) Retreat, Texas A&M University – Galveston, TX.
9. Pinnell, Lee\* and **Jeffrey W. Turner** (2016). Bacterial response to plastic in a lagoonal estuary. Marine Biology Graduate Student Symposium, Texas A&M University – Corpus Christi, TX.
8. Pinnell, Lee\* and **Jeffrey W. Turner** (2016). Bacterial response to plastic in a lagoonal estuary. American Society of Microbiology (ASM) Texas Branch Meeting, Dallas, TX.
7. **Turner, Jeffrey W.**, Chris Berthiaume, Rhonda Morales, Stanley V. Biryukov, E. Virginia Armbrust and Mark S. Strom (2012). Comparative genomics of emergent *Vibrio parahaemolyticus* reveals new markers for improved virulence detection in Washington State. Gordon Research Symposium (GRS) on Oceans and Human Health (OHH), Biddeford, ME.
6. **Turner, Jeffrey W.**, Jason Westrich, Eric V. Stabb, Erin K. Lipp (2010). Attachment of *Vibrio cholerae* to an environmental host – the marine copepod. Odum School of Ecology, Graduate Student Symposium, University of Georgia, Athens, GA.

5. **Turner, Jeffrey W.**, Jason Westrich, Eric V. Stabb, Erin K. Lipp (2010). GFP and RFP tools for observing the attachment of *Vibrio cholerae* to the copepod host. NOAA's Oceans and Human Health Principle Investigator Meeting, Seattle, WA.
4. **Turner, Jeffrey W.**, Brooks Good, Dana C. Cole, Erin K. Lipp (2009). Plankton composition and environmental factors contribute to the seasonality of pathogenic *Vibrio* species. Odum School of Ecology, Graduate Student Symposium, University of Georgia, Athens, GA.
3. **Turner, Jeffrey W.**, Brooks Good, Dana C. Cole, Erin K. Lipp (2009). Plankton composition contributes to the seasonality of pathogenic *Vibrio* species. Southeastern Estuarine Society, Coastal Carolina University, Conway, SC.
2. **Turner, Jeffrey W.**, Dana C. Cole, Erin K. Lipp (2008). Environmental factors affecting the status of plankton as a reservoir for *Vibrio* species. Odum School of Ecology, Graduate Student Symposium, University of Georgia, Athens, GA.
1. **Turner, Jeffrey W.**, Dana C. Cole, Erin K. Lipp (2007). Seasonal dynamics of pathogenic *Vibrio* species in Georgia's coastal waters. Odum School of Ecology, Graduate Student Symposium, University of Georgia, Athens, GA.

#### **Selected Conference Poster Presentations:**

53. Silva, David, **Jeffrey W. Turner**, J. Duran-Gonzalez, David Laughlin, V. Trevino, Boris Ermolinsky, Stefan Pukatzki, Daniele Provenzano (2023). *Vibrio cholerae* strains endemic to the lower Rio Grande Delta display site-specific diversity. American Society of Microbiology, National Meeting, Houston, Texas.
52. Silva, David, Hailey Wallgren, Boris Ermolinsky, Oleg Ermolinsky, Maria Garcia, L. De La Fuente, Daniele Provenzano, **Jeffrey W. Turner** (2023). Novel ecotype of pandemic *Vibrio parahaemolyticus* displays increased cold sensitivity due to genomic recombination of annotated *CspA* and *RNAser* genes. American Society of Microbiology, National Meeting, Houston, Texas.
51. Garrett, Charley, Jacqueline Nicolay, Nicole C. Powers, **Jeffrey W. Turner** (2023). Sea spray aerosols aid *Vibrio* transport during Saharan dust storms. Texas Branch Meeting of the American Society of Microbiology (TX-ASM), Abilene, Texas.
50. Garrett, Charley, Jacqueline Nicolay, Nicole C. Powers, **Jeffrey W. Turner** (2023). Prevalence of *Vibrio* in sea spray aerosols during a Saharan dust storm. TAMU-CC Student Symposium for Innovation, Research & Creative Activities (SSIRCA), Corpus Christi, Texas.
49. Silva, David, Jordan Wolfkill, Oleg Ermolinsky, Paul Hitchcock, Marcos Garcia, Boris Ermolinsky, Danielle Provenzano, **Jeffrey W. Turner** (2022). A cold shock transcriptional regulator and a virulence associated protein and required for O3:K6 *Vibrio parahaemolyticus* growth at low temperature. SACNAS, San Juan, Puerto Rico.
48. Silva, David, **Jeffrey W. Turner**, Jorge Duran-Gonzalez, David A. Laughlin, Daniel Unterweger, Boris Ermolinsky, Stefan Pukatzki, Daniele Provenzano (2022). Urban *Vibrio cholerae* strains are distinct from those at a rural site along the lower Rio Grande Delta. 18<sup>th</sup> International Society for Microbial Ecology, Lausanne, Switzerland.

47. Silva, David, Jordan Wolfkill, Oleg Ermolinsky, Paul Hitchcock, Marcos Garcia, Boris Ermolinsky, Danielle Provenzano, **Jeffrey W. Turner** (2022). A cold shock transcriptional regulator and a virulence associated protein and required for O3:K6 *Vibrio parahaemolyticus* growth at low temperature. 18<sup>th</sup> International Society for Microbial Ecology, Lausanne, Switzerland.
46. Bachand, Paxton T., Nicole C. Powers, Kenneth C. Hayes, Lee J. Pinnell, Sarah Tominack, Michael S. Wetz, **Jeffrey W. Turner**. (2022). Microbial consortium associated with a persistent *Aureoumbra lagunensis* brown tide bloom. 18<sup>th</sup> International Society for Microbial Ecology, Lausanne, Switzerland.
45. Walker, Jordan R., Paxton T. Bachand, **Jeffrey W. Turner**, Jessica M. Labonté (2022). Seasonal variation in viral assemblages related to a persistent brown tide bloom. 11<sup>th</sup> U.S. Symposium on Harmful Algae, Albany, New York.
44. Pinnell, Lee, Jeremy Conkle, **Jeffrey W. Turner** (2022). Is bioplastic a pollutant? Texas Plastic Pollution Symposium, University of Texas Marine Sciences Institute, Port Aransas, Texas.
43. Longo, Elizabeth S. #, Hailey R. Wallgren\*, Danial Nasr Azadani#, Reavelyn M. Pray#, Ceejay Saenz#, David Silva\*, Jordan Wolfkill\*, Boris Ermolinsky, Daniele Provenzano, **Jeffrey W. Turner** (2021). Temporal and spatial distribution of the pathogenic bacterium *Vibrio parahaemolyticus*. Texas Undergraduate Research Day, Austin, Texas.
42. Saenz, Ceejay#, Colin A. O'Donnell\*, Gregory W. Buck and **Jeffrey W. Turner** (2020). Comparative genomic analysis of 42 environmental *Vibrio vulnificus* isolates from the northern Gulf of Mexico. Louis Stokes Midwest Regional Center of Excellence (LSMRCE) Virtual Conference, *Broadening Participation in STEM: Pivot, Adapt, Thrive*.
41. Saenz, Ceejay#, Colin A. O'Donnell\*, Gregory W. Buck and **Jeffrey W. Turner** (2020). Comparative genomic analysis of 42 environmental *Vibrio vulnificus* isolates from the northern Gulf of Mexico. SACNAS The National Diversity in STEM Virtual Conference.
40. Pray, Reavelyn#, Danial Nasr Azadani#, Daniele Provenzano and **Jeffrey W. Turner** (2019). To be or not to be virulent. TAMUS LSAMP Symposium, College Station, TX.
39. Danial Nasr Azadani#, Robert J. Hatherill , Daiyuan Zhang and **Jeffrey W. Turner** (2019). Characterization and complete genome sequence of a novel bacteriophage infecting a multiple antibiotic-resistant strain of *Enterococcus faecalis*. World Congress for Undergraduate Research, Oldenburg, Germany.
38. Elledge, Nicole C. \*, Hailey R. Wallgren\*, Sarah M. Amend# and **Jeffrey W. Turner** (2019). Quantifying the effect of stormwater runoff on *Enterococcus* population structure and antimicrobial resistance in Corpus Christi Bay, Texas. Texas Sea Grant Research Symposium, College Station, TX.
37. Pinnell, Lee J. \* and **Jeffrey W. Turner** (2019). Life on a nurdle: the benthic microbial response to plastic and bioplastic. Texas Sea Grant Research Symposium, College Station, TX.

36. Azadani, Danial Nasr<sup>#</sup>, Robert J. Hatherill, Daiyuan Zhang and **Jeffrey W. Turner** (2019). Isolation, characterization and genomic exploration of ‘phiNASRA1’ an *Enterococcus faecalis* bacteriophage. Student Research Day, Del Mar College, Corpus Christi, TX.
35. O’Donnell, Collin A.<sup>#</sup>, Tara Clancy, D. Seay, Robert J. Hatherill, **Jeffrey W. Turner** and Daiyuan Zhang (2019). Genomic identification and characterization of an antibiotic resistant *Ochrobactrum intermedium* isolate from the Amos Rehabilitation Keep. Del Mar Research Day, Corpus Christi, TX.
34. Bachand, Paxton T.<sup>\*</sup>, Kenneth C. Hayes., Sarah Tominack, Michael S. Wetz and **Jeffrey W. Turner** (2019). Characterization of bacterial and archaeal communities associated with an *Aureoumbra lagunensis* bloom in Baffin Bay, Texas. Texas Branch Meeting American Society of Microbiology (TX-ASM), New Braunfels, TX.
33. Azadani, Danial Nasr<sup>#</sup>, Robert J. Hatherill, Daiyuan Zhang and **Jeffrey W. Turner** (2018). Isolation, characterization and genomic exploration of ‘phiNASRA1’ an *Enterococcus faecalis* bacteriophage. SACNAS National Conference, San Antonio, TX.
32. Zimba, Paul V., I-Shuo Huang, Sergei Shalygin, Lee J. Pinnell\* and **Jeffrey W. Turner** (2018). Microbial community structure differences in the hypersaline wind-tidal flats of Laguna Madre, TX, USA. Texas Branch Meeting American Society of Microbiology (TX-ASM), Corpus Christi, TX.
31. Planas-Costas, Githzette P., Megan Mullis, Reavelyn Pray<sup>#</sup>, I-Shuo Huang\*, Lee J. Pinnell\*, Gregory W. Buck, Lauren Turner, D.M. Toney, Gabriel Ramirez, Joanna Mott and **Jeffrey W. Turner** (2018). Genome-scale phylogenetic analysis of 43 environmental *Vibrio vulnificus* from the Texas Coastal Bend region of the northern Gulf of Mexico. Texas Branch Meeting American Society of Microbiology (TX-ASM), Corpus Christi, TX.
30. Elledge, Nicole C.<sup>\*</sup>, Hailey R. Wallgren<sup>#</sup>, Sandra Amend<sup>#</sup> and **Jeffrey W. Turner** (2018). Stormwater is a pulse disturbance that alters bacterial community composition in urbanized bays. Texas Branch Meeting American Society of Microbiology (TX-ASM), Corpus Christi, TX.
29. Pinnell, Lee J.\* and **Jeffrey W. Turner** (2018). Life on a nurdle: the microbial response to plastic and bioplastic in the Upper Laguna Madre, TX. Texas Branch Meeting American Society of Microbiology (TX-ASM), Corpus Christi, TX.
28. Bachand, Paxton\* and **Jeffrey W. Turner** (2018). Genomic analysis of Hep-1B-8, a novel *Vibrio* sp. isolated from aquacultured Pacific white shrimp (*Litopenaeus vannamei*) during a bacterial disease outbreak. Texas Branch Meeting American Society of Microbiology (TX-ASM), Corpus Christi, TX.
27. Tominack, Sarah\*, Sandra M. Amend<sup>#</sup>, Hailey R. Wallgren<sup>#</sup>, Lee J. Pinnell\* and **Jeffrey W. Turner** (2018). Genomic analyses reveal mechanisms of extreme osmoregulation in hypersaline Vibrionaceae. Texas Branch Meeting American Society of Microbiology (TX-ASM), Corpus Christi, TX.
26. Elledge, Nicole C.<sup>\*</sup>, Hailey Wallgren<sup>#</sup>, Sandra Marbach<sup>#</sup>, Collin O’Donnell<sup>#</sup> and **Jeffrey W. Turner** (2018). Assessment of stormwater impacts on bacterial community structure in

- an urbanized bay. Texas Branch Meeting American Society of Microbiology (TX-ASM), New Braunfels, TX.
25. Elledge, Nicole C.\*, Hailey Walgren<sup>#</sup>, Sandra Marbach<sup>#</sup> and **Jeffrey W. Turner** (2017) Assessing the effect of stormwater runoff on the prevalence of fecal indicator bacteria in an urbanized bay. Texas Branch Meeting American Society of Microbiology, College Station, TX.
  24. Azadani, Danial Nasr<sup>#</sup>, **Jeffrey W. Turner** and Daiyuan Zhang (2017). Isolation and characterization of a novel *Enterococcus faecalis* bacteriophage for treatment of antibiotic-resistance bacteria. SACNAS National Conference, Salt Lake City, UT.
  23. Pinnell, Lee J.\* and **Jeffrey W. Turner** (2017). A tale of two nurdles: how microbes respond to plastic and bioplastic in coastal waters. National Meeting Canadian Society of Microbiology (CSM), Toronto, Canada.
  22. Parks, Marci<sup>#</sup>, Lee J. Pinnell\*, James J. Tallman\*, Rohinee Paranjpye and **Jeffrey W. Turner** (2017). The marine environment is a reservoir for highly virulent *Vibrio parahaemolyticus*. Texas Branch Meeting American Society of Microbiology (TX-ASM), New Braunfels, TX.
  21. Morales, Jake<sup>#</sup>, Emily Noack<sup>#</sup>, Megan Woods<sup>#</sup>, Anamaria Montoya<sup>#</sup> and **Jeffrey W. Turner** (2017). Factors affecting the abundance of enterococci in two urbanized bays. Texas Branch Meeting American Society of Microbiology (TX-ASM), New Braunfels, TX.
  20. Crockett, Patricia C., **Jeffrey W. Turner** and Christopher E. Bird (2017). Draft genome assembly of *Cellana sandwicensis*. Benthic Ecology Meeting Society, Myrtle Beach, SC.
  19. Elledge, Nicole\*, Lee Pinnell, Ron Eytan and **Jeffrey W. Turner** (2017). Genomic analysis of *Serratia marcescens* associated with white pox disease in elkhorn corals. Benthic Ecology Meeting Society, Myrtle Beach, SC.
  18. Nasr Azadani, Danial<sup>#</sup>, Rachael A. Bruce<sup>#</sup>, **Jeffrey W. Turner** and Daiyuan Zhang (2017). New methods for the isolation of *Enterococcus faecalis* phage from the marine environment. American Association for the Advancement of Science (AAAS) Annual Meeting, Boston, MA.
  17. Nasr Azadani, Danial<sup>#</sup>, Rachael A. Bruce<sup>#</sup>, **Jeffrey W. Turner** and Daiyuan Zhang (2016). Development of new methods for the isolation of *Enterococcus faecalis* bacteriophage from the marine environment. American Society of Microbiology (ASM) Texas Branch Meeting, Dallas, TX.
  16. Tallman, James J.\*, Lee Pinnell\* and **Jeffrey W. Turner** (2016). Metagenomic Investigation of Antibiotic Resistance in the Marine Environment. SACNAS National Conference, Long Beach, CA.
  15. Nasr Azadani, Danial<sup>#</sup>, Rachael A. Bruce<sup>#</sup>, **Jeffrey W. Turner** and Daisy Zhang (2016). Development of new methods for the isolation of *Enterococcus faecalis* bacteriophage from the marine environment. SACNAS National Conference, Long Beach, CA.



14. Thiyagarajan, Magesh, **Jeffrey W. Turner**, Lee Pinnell\*, James J. Tallman\* and Emille Moreno# (2016). Non-thermal atmospheric pressure air plasma treatment for food safety. IEEE International Conference on Plasma Science, Banff, Canada.
13. Lovato, Devin#, **Jeffrey W. Turner**, Feri Billiot and Gregory Buck (2016). Antibacterial analysis of an isoleucine-based surfactant. American Chemical Society (ACS) Meeting, San Diego, CA.
12. Pinnell, Lee\*, James J. Tallman\*, Rohinee Paranjpye and **Jeffrey W. Turner** (2016). Genomic analysis of attenuation in pandemic *Vibrio parahaemolyticus*. American Society of Limnology and Oceanography (ASLO) Ocean Science Meeting, New Orleans, LA.
11. Moreno, Emille#, Marci Parks#, Lee Pinnell\*, Rohinee Paranjpye and **Jeffrey W. Turner** (2016). Genomic analysis of two emergent *Vibrio parahaemolyticus* ecotypes. American Society of Limnology and Oceanography (ASLO) Ocean Science Meeting, New Orleans, LA.
10. Parks, Marci#, Emille Moreno#, Lee Pinnell\*, James J. Tallman\*, Rohinee Paranjpye and **Jeffrey W. Turner** (2016). Genome sequencing and analysis of a highly virulent *Vibrio parahaemolyticus* strain isolated from the marine environment. American Society of Limnology and Oceanography (ASLO) Ocean Science Meeting, New Orleans, LA.
9. Macias, Amanda#, James J. Tallman\*, Rohinee Paranjpye and **Jeffrey W. Turner** (2015). Genomic comparison of *Vibrio antequarius* isolated from deep-sea and coastal environments. American Society of Microbiology (ASM), General Meeting, New Orleans, LA.
8. **Turner, Jeffrey W.**, Chris Berthiaume, Rhonda Morales, Stanely V. Biryukov, E. Virginia Armbrust and Mark S. Strom (2012). Comparative genomics of emergent *Vibrio parahaemolyticus* reveals new markers for improved virulence detection in Washington State. American Society of Microbiology (ASM), General Meeting, San Francisco, CA.
7. **Turner Jeffrey W.**, Eric D. Landis, Rohinee N. Paranjpye, E. Virginia Armbrust and Mark S. Strom (2010). Genome-level characterization of *Vibrio parahaemolyticus*. *Vibrio in the Environment 2010*, Biloxi, MS.
6. **Turner, Jeffrey W.**, Leena Malayil, Beth L. Mote, Dana C. Cole and Erin K. Lipp (2009). Is *Vibrio cholerae* a plankton specialist? American Society of Microbiology (ASM), Philadelphia, PA.
5. **Turner, Jeffrey W.**, Leena Malayil, Dana C. Cole and Erin K. Lipp (2008). Temperature and reservoir shifts contribute to the seasonality of pathogenic *Vibrio* species. Gordon Research Conference (GRC) on Oceans and Human Health (OHH), Tilton College, Tilton, NH.
4. **Turner, Jeffrey W.**, Dana C. Cole and Erin K. Lipp (2008). Ecology of *Vibrio* species in shellfish harvesting waters with respect to seasonal changes and reservoir shifts. NOAA's Oceans and Human Health (OHH) Principle Investigator Meeting, Muskegon, MI.
3. **Turner, Jeffrey W.**, Dana C. Cole and Erin K. Lipp (2007). Detection of *Vibrio cholerae* and virulence-associated genes in a seasonally distributed *Vibrio* population in shellfish

harvesting waters, Georgia, USA. Ecology of Infectious Disease Symposium, University of Georgia, Athens, GA.

2. **Turner, Jeffrey W.**, Dana C. Cole, Erin K. Lipp (2007). Detection of *Vibrio cholerae*, *ctxA* and *toxR* in a seasonally distributed *Vibrio* population in shellfish harvesting waters, Georgia, USA. American Society of Microbiology (ASM), Orlando, FL.
1. **Turner, Jeffrey W.**, Dana C. Cole and Erin K. Lipp (2007). Seasonal distribution of pathogenic *Vibrio* species in Georgia shellfish harvesting waters. Academy of the Environment, University of Georgia, Athens, GA.

## TEACHING

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Teaching load is 2:1 and includes large introductory courses like **Biology I** and **Microbiology** (N = 78 and 96 students, respectively) as well as small specialized courses (N = 5 to 24 students) like **Oceans & Human Health** and **Microbial Genomics**. Teaching includes Course-based Undergraduate Research Experiences (CURE) offered as Directed Independent Studies (DIS).

### Undergraduate Courses:

BIOL-1406 **Biology I** – This is a large 78-student introductory majors biology course. This class is part of the BIOL core curriculum and the student experience is critical to STEM undergraduate development and retention. Taught 4 times.

BIOL-2421 **Microbiology** – This is a large 96-student introductory majors microbiology course. This class is part of the BIOL core curriculum and the student experience is critical to STEM undergraduate development and retention. Taught 7 times.

BIOL-4343 **Oceans & Human Health** – This is a 24-student undergraduate version of the graduate-level course by the same name below. It fulfills a Human Impacts elective that is now required for Marine Biology majors. Taught 3 times.

HONR-4390 **Marine Plastic Pollution** – This is a specialized 12-student undergraduate Honors course. It was offered summer 2020 and summer 2021.

BIMS-2200 **Biomedical Professional Skills** – This is a 24-student undergraduate course. It is part of the BIMS core curriculum that teaches professional skills valuable in the workplace. Turner will teach 2 sections of this course Spring 2022.

### Graduate Courses:

MARB-6343 **Oceans & Human Health** – This is a newly designed course, developed by Turner, that explores connections between Ocean Health and Human Health (e.g., climate change, eutrophication, ocean acidification, natural product discovery). Taught 5 times.

MARB-6590 **Microbial Genomics** – This is a newly designed course, developed by Turner, that gives students the opportunity to analyze and publish original sequencing data. Taught once Fall 2018 and produced 1 peer-reviewed publications.

### Directed Independent Studies (DIS):

MARB-6596/BIOL-4396/CMSS-6596/BIMS-4396 **Genome Assembly and Analysis** – This is a newly designed course, developed by Turner and offered to undergraduate and

graduate students. This course has been replaced with Microbial Genomics (above). Twelve students have completed this DIS.

**BIOL-4396/BIMS-4396/ESCI-4396 Advanced Methods in Environmental Microbiology** – This is a newly designed Course-based Undergraduate Research Experience (CURE), developed by Turner, that provides students with hands-on experience in the field and the laboratory. The aim of the course is the long-term monitoring of water quality in Oso Bay. Eight students have completed this DIS.

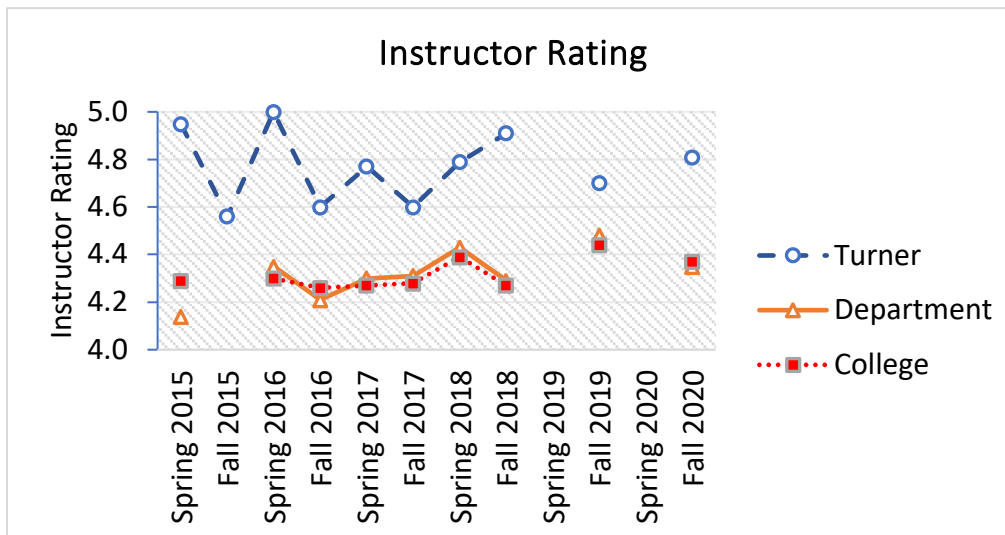
**MARB-6596 Microbial Diversity** – This is a newly designed course, developed by Turner, that provides students with skills for analyzing 16S rRNA sequencing data using the QIIME pipeline. This course will be offered the first time as a DIS in Spring 2022.

### Guest Lectures:

- BIOL-1406 Biology I
- BIOL-1407 Biology II
- MARB-6341 Evolution and Genomics of Marine Organisms
- BIOL-2416 Genetics
- BIOL-5417 Marine Microbial Ecology
- BIOL-5436 Marine Ecological Processes

### INSTRUCTOR RATING

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**Figure 1.** Turner’s instructor rating consistently exceeded scores for the department and college. Department and college ratings were not available for Fall 2015. An instructor rating report was not created Spring 2019 as too few students completed the evaluation. Turner was granted a teaching release in Spring 2020 and Spring 2021 in recognition of his work mentoring undergraduate students in authentic research. Since 2014, Turner’s averaged overall instructor rating is 4.77 out of 5.

### **Selected student evaluation responses:**

*I really enjoyed this class. I learned a lot about different environmental issues. It was nice to hear everyone's perspective during discussions. Online courses have not been easy but Dr. Turner went above and beyond what any of my other professors have done with online learning. He made the switch a lot easier.* **BIOL-4343 Oceans & Human Health**, Fall 2020

*The thing I liked most were the discussions. I loved hearing the different perspectives based on types of majors. I also loved how open and welcoming the classroom was at all times. My eyes have been opened to marine plastic pollution. This class helped me to understanding more so that I can make a difference. I will never forget this course.* **HONR-4390 Marine Plastic Pollution**, Summer II 2020

*Thank you for being patient. There was truly no such thing as a stupid question. He taught in an organized manner, which helped because there was a lot of information. He would emphasize material that would be on the exam. Overall, great professor and very knowledgeable. I would highly recommend him to future students!* **BIOL-2421 Microbiology**, Fall 2019

*Dr. Turner took over the class for the original instructor for medical reasons. He did an amazing job with the transition. For example, everyone was having problems with Mastering Biology, and Dr. Turner took full initiative to fix the problem. He really took over the class and made it his own, and I'm very thankful considering he already has his regular courses to teach and he had to take on extra work.* **BIOL-1406 Biology I**, Spring 2019

*Dr. Turner has been an excellent professor in every sense of the way. What should have been an extremely difficult class was made much easier to comprehend due to his high-quality teaching skills. What was once a terrifying subject to me has now become an intriguing, enjoyable subject. I hope you all will consider having him teach a larger array of classes—specifically those pertaining to the biomed curriculum. We need more professors at this campus that actually care about students learning the material—not just rushing through everything to get it out of the way. This professor conveyed the perfect example of exactly how every professor SHOULD teach!* **BIOL-2421 Microbiology**, Fall 2018

*Dr. Turner has one of the most amazing lectures about biology I have ever been a part of, all the fun facts and knowledge of his own and foresight into the next levels of biology makes for an interesting learning atmosphere, and to be immersed in such a level of knowledge about the subject I love, was highly motivational and inspiring.* **BIOL-1406 Biology I**, Fall 2017

*One of the best professors I have ever had. He made the course very interesting and exciting. Always found a real-life examples of each subject that he was covering. Was always available during and outside his office hours. Pretty much anytime I showed up to his office hours he was there and had time to help me. He was extremely fair with grading and exams. Always respected the students and their opinion in the class when they asked a question or gave a comment. Overall, I really enjoyed the class (the subjects and labs). I really wish we had more professors like him at TAMUCC.* **BIOL-2421 Microbiology**, Fall 2017

*I liked the open communication between the teacher and students. I (and I think everyone as far as I can tell) felt very comfortable talking and discussing openly in this class. I felt the freedom to talk about not just the class topic, but about current events, university news, research I learned about elsewhere, etc. We were never made to feel that we were annoying or stupid for*

*bringing something up. I also really liked how the teacher encouraged the use of different teaching strategies. As long as the material was covered, the methods didn't matter much. This kept the class feeling fun and fresh. I never had a problem paying attention in this class, I was always engaged! The hour and fifteen minutes flew by, and it was not uncommon for students to linger after class to continue the conversations, frequently walking out together to keep on talking. That's a sign of a great class. I've been in a lot of classes where students watch the clock and can't wait to get out. With this class, I could have used more time. **MARB-6343 Oceans & Human Health**, Spring 2017*

*I enjoyed leading my own section of the course. This helped me with my own research. I also enjoyed the 3MT which was a new way to practice presenting. Also arranging to work with different members of the university such as Don Luna for science communication and Joe Peña for art science outreach for World Oceans Day at the Texas State Aquarium. Both of these collaborations helped with future applications like public speaking and outreach. **MARB-6343 Oceans & Human Health**, Spring 2017*

## **MENTORING**

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### **Graduate student advisees:**

Lydia Cates, M.S. MARB, Projected graduation Spring 2026  
Nora Bleth, Ph.D. MARB, Projected graduation Fall 2028  
Colin A. O'Donnell, M.S. MARB, Graduated Summer 2023  
Lee J. Pinnell, Ph.D. MARB, Graduated Fall 2019  
Giulia Elli, M.S. Biotechnology Lund University, Sweden, Graduated Fall 2019  
Nicole C. Powers, Ph.D. MARB, Graduated Spring 2021  
David Silva, Ph.D., MARB, Projected graduation Summer 2024  
Paxton T. Bachand, Ph.D. MARB, Graduated Fall 2023  
Hailey R. Wallgren, M.S. MARB, Graduated Summer 2021  
James J. Tallman, M.S., Graduated Summer 2017

### **Graduate committee membership:**

Zoe Ruben, M.S. MARB, Graduated Spring 2023  
Kayla Simpson, M.S., BIOL, Current  
Jacquelyn Tleimat, Ph.D. MARB, Current  
Samantha Huron, M.S. MARB, Current  
Jordana Cutajar, M.S. CMSS, Current  
Sandra Marbach, M.S. BIOL, Graduated  
Molly McBride, M.S. CMSS, Current  
Vinosha Sama, M.S. BIOL, Graduated  
Jordan Walker, M.S. MARB, TAMUG, Current  
Jordan Wolfkill, M.S. BIOL, UT-Brownsville, Current  
Alaina Woods, MARB Ph.D. TAMUG, Graduated  
Xin Ding, MARB Ph.D., Graduated  
Meredith Diskin, MARB M.S., Graduated  
Ken Hayes, MARB M.S., Graduated  
Katherine Martin, CMSS, M.S., Graduated  
Joseph Reustle, MARB Ph.D., Graduated

Jennifer M. Savicky, MARB M.S., Graduated  
Vinoshna Sama, M.S. BIOL, Graduated  
Morgan Sobol, MARB M.S., Graduated  
Sarah Bortz, BIOL M.S., Not Complete  
Kalman Bugica, MARB M.S., Graduated

#### **Undergraduate student advisees:**

Kamilla Anderson, B.S. Honors Program, Current  
Andrew Johnson, B.S. LSAMP Program, Current  
Jacqueline Nicolay, B.S. BIMS, SACNAS, Current  
Charley Garrett, B.S. BIMS, SACNAS, Current  
John Gaddis, B.S. BIMS, Graduated  
Elizabeth Longo, B.S. BIMS, Honors Program, Graduated  
Ceejay Sanez, B.S. BIOL, Honors and LSAMP Programs, Graduated  
Christina Remmes, B.S., BIMS, Graduated  
Naila Flores, B.S. BIMS, McNair Scholar, Graduated  
Shreya Kumar, B.S. BIMS, Graduated, Honors Program  
Adriel R. Bruce, B.S. BIOL, Graduated  
Danial Nasr Azadani, B.S. BIOL, Graduated, LSAMP Scholar  
Devin Lovato, B.S. CHEM, Graduated, WELCH Scholar  
Amanda Macias, B.S. BIOL, Graduated, SOAR Scholar  
Sandra Marbach, B.S. BIOL, Graduated  
Emille Moreno, B.S. BIOL, Graduated  
Colin O'Donnell, B.S. BIOL, Graduated  
Marci Parks, B.S. CHEM, Graduated  
Hailey Wallgren, B.S. BIOL, Graduated, Honors Program  
Megan Woods, B.S. BIOL, Graduated, McNair Scholar  
Reavelyn Pray, B.S. BIOL, Graduated, LSAMP Scholar

#### **COMMITMENT TO MINORITY PARTICIPATION**

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TAMU-CC Honors Program, McNair Scholar Program, First in the World/STEM Supplemental Instruction Project (FITW-SIP), NSF's Elementary Teachers Engaged in Authentic Math and Science (ETEAMS), Del Mar Community College workshop for Mentoring Undergraduate Research, Louis Stokes Alliances for Minority Participation (LSAMP), STEM Outreach, Access and Retention (SOAR) Program

#### **LEADERSHIP AWARDS**

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**Outstanding Doctoral Mentor Award (2020).** The TAMU-CC College of Graduate Studies recognizes one faculty member for exceptional mentoring of doctoral students.

**Texas Branch American Society of Microbiology (TX-ASM) Mentoring Award (2018).** TX-ASM recognized one faculty member with the Mentoring Award. Recipients are nominated by students and awardees are selected by a committee of peers.

**Honors Mentor Award (2018 and 2020).** The TAMU-CC Honors Program recognizes three faculty members for their participation in mentoring Honors undergraduate research.

## SERVICE

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### Professional:

**Professional meeting organizer.** Host/Organizer for the TX Branch Meeting of the American Society for Microbiology (TX-ASM) held at TAMU-CC Fall 2018

**Award committee.** Member (2019) and Chair (2020) of the TX Branch Meeting of the American Society for Microbiology (TX-ASM) Award Committee that selects recipients of the society's annual Faculty Teaching and Mentoring Awards.

**Reviewer.** NSF Division of Ocean Sciences, NSF Graduate Research Fellowship Program (GRFP), Sea Grant (New Hampshire, Maine, Virginia, and North Carolina)

**Editorial board.** Frontiers in Environmental Health, Frontiers in Microbiology

**Manuscript reviewer.** e.g., Environmental Science & Technology (ES&T), International Society of Microbial Ecology (ISME), Applied and Environmental Microbiology (AEM), Journal of Microbiology, Microbial Ecology, Frontiers in Microbiology, Federation of European Microbiological Society (FEMS), Molecular Microbiology Reviews, and mBio

**Symposia judge.** e.g., American Association for the Advancement of Science (AAAS), American Society of Microbiology (ASM), Society for the Advancement of Chicanos/Hispanics and Native Americans in Science (SACNAS), Texas Branch American Society of Microbiology, MARB IDP Marine Biology Research Symposium

### University/College/Department/Program:

**University/college committees.** Horizon Growth 2030 College of Science Strategic Plan Taskforce (2023 – 2024), Council of Principle Investigators and Research Administrators (CPIRA) (2020 – 2021), COSE Curriculum Committee (2019 - 2021), Steering Committee (2017 – 2019), Health and Safety Committee (2016 – 2022), University Safety Committee (2022 – present)

**Faculty mentorship.** Faculty mentor for Drs. Wei Xu, Frauke Seemann, Candice Lumibao, and Dara Orbach.

**Coordinator for biotechnology articulation.** Co-author and coordinator of articulation agreement with Del Mar College Biotechnology Program. Duties include articulation updates/revisions/renewals, academic advising, and coordination between Program Coordinators, Advising, and Admissions.

**Reviewer.** Texas Comprehensive Research Fund (TCRF) Review Panel (2022)

**Student organizations.** Faculty advisor for the Islander Green Team (2016 – 2020)

**Student recruitment.** Island Days (2015 – Present), Islander Orientation (2018)

**Events.** Instructor for the Bio-Process event at Science Olympiad (2015)

**Faculty search committees.** Life Sciences Department Chair (2023), Marine Ecology (2022), Microbial Ecologist (Chair, 2021), Professional Associate Professor (2019 and 2021), Life Sciences Department Chair (2019), Marine Biomedical (2018), Life Sciences Department Chair (2016), Watershed Ecologist (2015)



**Department committees.** Biomedical Research Planning Committee (2019), Life Sciences Vision and Leadership Committee (2019 – 2022), Committee for Excellence in the Preparation of Teachers (2017 – Present)

**Program committees.** Chair of the MARB Graduate Admissions Council (GRAC) (2017 – 2022)

**Graduate Faculty Representative:** Martha Rose (2023), Lena Gloria Roux (2022), Melanie Moseley (2021), Elida DeLeon (2021)

### **Community:**

**Boards.** Trustee serving on the Coastal Bend Bays Foundation (2022-present), Chair of the Del Mar Community College Biotechnology Board (2022-present)

**Task Forces.** Surfrider Blue Water Task Force (2022-present)

**Art exhibits:** Turner, Jeffrey W. and Joe Peña (2017). Coastal concerns: A STEAM collaboration between art and science students at Texas A&M University-Corpus Christi. Art contributed by 24 TAMU-CC students: Nicole Elledge, Jared Brandt, Danielle Zimmerman, Lydia Joy, Katherine Dion, Kristina Schubert, Erika Velasquez, Danielle Aquilar, Belinda Torres, Danielle DeVacque, Joanna Bolsins, Polly Hajovsky, Karla Otwell, Tiffany Hawkins, Juan Olvera, Katherine Martin, Tana Alcantara, Megan Mullis, Lucas Barraza, Marina Partain, Christibelle Neal, Rachel Weisend, Tiffany Garza, Joseph Reustle. World Oceans Day 2017 at the Texas State Aquarium, Corpus Christi, TX

**Coordination committees:** Participant in the Oso Bay & Oso Creek Coordination Committee and the Cole and Ropes Park Coordination Committee

**Public forums/workshops.** Invited speaker at the Coastal Issues Forum (2016 and 2021) and the Teen STEM Café hosted by the Texas State Aquarium (2017)

**Community engagement.** Turner co-organized and moderated the 1<sup>st</sup> annual CBBF Student Coastal Issues Forum (2023). Turner mentored student Lee Pinnell shared his research at a plastic pollution stakeholder meeting held at UTMSI (2019) and a chapter meeting of the Surfrider Foundation (2016). Turner mentored student Nicole Powers shared her research at the Texas Master Naturalist meeting (2019). Turner mentored student Paxton Bachand shared his research at the Kaufer High School in Riviera, TX (2020-2022).

### **PROFESSIONAL DEVELOPMENT**

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National Academies Summer Institute on Undergraduate Education (2015)

Challenge-Based Instruction at University of Texas – Rio Grande Valley (2015)

New Faculty Seminar Series at TAMU-CC (2015)

Best Practices for Online Course Design at TAMU-CC (2015)

### **MEMBERSHIPS**

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American Society of Limnology and Oceanography (ASLO), American Society for Microbiology (ASM), International Society for Microbial Ecology (ISME), TX Branch of the American Society for Microbiology (TX-ASM), Society for Advancing Chicanos/Hispanics & Native Americans in Science (SACNAS)

## **PRESS**

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- TAMU-CC press release announcing multi-agency EPA award to study Baffin Bay water quality. <https://www.tamucc.edu/news/2022/11/111722-tamu-cc-researchers-receive-494k-epa-grant-to-improve-health-of-baffin-bay,-educate-community.php>
- Texas Monthly article (April 2022) on bacterial pollution in coastal Texas featuring interview with Turner about his TAMU-CC research. <https://www.texasmonthly.com/news-politics/texas-beaches-filthy-feces-testing/>
- Environmental Monitor press release about our publication (Powers et al. 2021) showing a correlation between bacterial pollution and sea rise. <https://www.fondriest.com/news/fecal-bacteria-rises-with-sea-level-on-texas-beaches.htm>
- TAMU-CC press releases honoring Turner-mentored Ph.D. student Nicole Powers who received the 2021 Outstanding Graduate Award. <https://www.youtube.com/watch?v=bnBMMoQLfYM&t=12s>  
<https://tamucc.edu/news/2021/05/051221-ognicolepowers.html#.YN9n7G5OlpQ>
- TAMU-CC Marine Plastic Pollution course taught by Turner during summer 2020. <https://photos.tamucc.edu/Events/Events-By-Year/2020/071720-Summer-II-Marine-Plastic-Pollution-Course/>, <https://photos.tamucc.edu/Events/Events-By-Year/2020/072420-Nurdle-Patrol-Lab/>, <https://animoto.com/play/zbkJmYRJ6IeDjqsedgYFIQ>
- TAMU-CC press release documenting Turner's Citizen Science Outreach and Education efforts at Riviera High School. **Riviera High School Visit.** <https://photos.tamucc.edu/Events/Events-By-Year/2020/020320-Riviera-High-School-Visit/>
- Del Mar Community College press release reporting Turner-mentored undergraduate who presented research at the World Congress for Undergraduate Research. **DMC biotechnology major shares his research with global community in Germany.** <https://vikingnews.delmar.edu/dmc-biotechnology-major-shares-his-research-with-global-community-in-germany/>
- TAMU-CC press release reporting Turner's Course-based Undergraduate Research Experience (CURE). **Islanders start year-long Oso Bay water quality project.** <https://www.tamucc.edu/news/2019/03/oso-bay-water-quality-project.html#.XPwtUqZ7kWr>
- National Science Board pre-release interview on the subject of diversity in STEM featuring one of my Del Mar College transfer students, Reavelyn Pray. [https://www.dropbox.com/s/o8txfy1yho600do/Reavelyn%20Pray%20Profile%20Final\\_MP4.mp4?dl=0](https://www.dropbox.com/s/o8txfy1yho600do/Reavelyn%20Pray%20Profile%20Final_MP4.mp4?dl=0)

- Texas Sea Grant (TSG) press release reporting the first Texas Plastic Pollution Symposium at which Turner's student Lee Pinnell presented his TSG-funded plastic research. **Texas Sea Grant co-sponsored the first Texas Plastic Pollution Symposium.**  
<http://texasseagrant.org/news/article/texas-sea-grant-co-sponsored-the-first-texas-plastic-pollution-symposium/>
- TAMU-CC press release reporting Turner-mentored student's bacterial source-tracking research and prestigious Goldschmidt scholarship. **Island University PhD student and scholarship recipient researches Corpus Christi Bay bacteria.**  
[https://www.tamucc.edu/news/2018/11/110518\\_Microbiology\\_Conference.html#.XPwtz6Z7kWr](https://www.tamucc.edu/news/2018/11/110518_Microbiology_Conference.html#.XPwtz6Z7kWr)
- TAMU-CC press release reporting Turner's organization of the Texas Branch Meeting of the American Society for Microbiology meeting held at TAMU-CC. **Microbiology conference brings NASA scientist to the Island University.**  
[https://tamucc.edu/news/2018/11/111618\\_microbiology\\_conference\\_postevent.html#.XPwuH6Z7kWp](https://tamucc.edu/news/2018/11/111618_microbiology_conference_postevent.html#.XPwuH6Z7kWp)
- TAMU-CC press release reporting Turner's student being named "Outstanding Islander". **Outstanding islander graduate studies antibiotic resistant bacteria in Texas oysters.**  
[https://tamucc.edu/news/2017/07/072617\\_OG\\_James\\_Tallman.html-.XRJgVJNKgUE](https://tamucc.edu/news/2017/07/072617_OG_James_Tallman.html-.XRJgVJNKgUE)
- Del Mar Community College press release reporting Turner's collaborative bacteriophage research with Del Mar College. **The virus hunters: Del Mar College students discover enterococcus viruses.** <https://vikingnews.delmar.edu/the-virus-hunters-del-mar-college-students-discover-organisms-that-are-new-to-science/>
- TAMU-CC press release reporting Turner's plastic pollution research. **Experiment seeks to ID plastic-eating microorganisms.**  
<https://tamucc.edu/news/2016/05/032416%20Plastic%20Capsule.html#.XPwuRKZ7kWp>
- Local KIIITV news reporting Turner's participation in an articulation agreement between Del Mar College and TAMU-CC. **Del Mar College signs biotechnology agreement with TAMU-CC.** <http://www.kiiitv.com/news/local/del-mar-college-signs-biotechnology-agreement-with-tamucc/488144643>
- TAMU-CC press release reporting Turner's plastic pollution research. **Island university PhD student studies plastic-eating microbes.**  
[http://www.tamucc.edu/news/2018/02/021918\\_Plastic\\_Research\\_Laguna\\_Madre.html#.XPwuaqZ7kWp](http://www.tamucc.edu/news/2018/02/021918_Plastic_Research_Laguna_Madre.html#.XPwuaqZ7kWp)