

Thursday, March 31, 2022

Time	TOPIC	SPEAKER	TITLE	PRESENTER REGISTERED? VIRTUAL?
8:00				
8:15				
8:30				
8:45				
Registration/Log-in				
9:00	Introduction	Jace Tunnell	Welcome	
9:05	Opening Remarks	Congressman Cloud	Opening Remarks	
9:15	Monitoring	Sara Nichols	Introduction to the Texas Litter Database	Virtual ??
9:30	Monitoring	Erin Kinney* and Stephanie Glenn	Partners in Litter Prevention: the Galveston Bay Watershed Aquatic Action Plan and the Texas Litter Database	
9:45	Monitoring	Amanda Hackney*, Erin Kinney, Stephanie Glenn	Born on the Bayou: Marine Debris Distribution and Composition in the Galveston Bay Watershed	
10:00	Monitoring	Jace Tunnell	Plastic Pellets on Texas Railroads, Beaches, and Rivers	
10:15	Monitoring	Minerva Flores-Vargas*, Horacio Pérez-España, Lorena Rios-Mendoza	Microplastics from sediment of Veracruz, southwestern Gulf of Mexico	
10:30	AM Break (15 min)			
10:45	Chemistry of Plastic Pollution	Oluniyi O. Fadare* and Jeremy L. Conkle	State-of-the-Science on Microplastic, Heavy Metal and Organic Contaminant interactions in Texas Aquatic Ecosystems: Trends, Analytical Techniques, and Research Needs.	
11:00	Chemistry of Plastic Pollution	Jessica Myers*, Jacob Oster, Keisha Bahr, Benjamin Walther, Jessica Dutton, Jeremy Conkle	Total Mercury (THg) Concentrations within southern flounder (<i>Paralichthys lethostigma</i>) tissues, livers and consumed plastics in Matagorda Bay, Texas	
11:15	Chemistry of Plastic Pollution	Xiangtao Jiang*, Scott Gallager, Rut Pedrosa Pàmies, Emil Ruff, Zhanfei Liu	Photodegradation patterns differ among different types of plastics after long-term UV exposure	
11:30	Chemistry of Plastic Pollution	Daniel Acosta*, Hong Lu, Hal Alper.	Enzymatic Depolymerization of Plastic Waste	
11:45				
12:15				
12:30	Lunch Break (1 hr 15 min)			
12:45				
1:00				
1:15	Invited Speaker (30 min)	Jenna Jambeck		Virtual
1:30	Chemistry of Plastic Pollution/Impacts on F&W	Christie Sayes*	Environmental Effects and Toxicological Mechanisms of Microplastics in Aqueous Systems	
1:45	Chemistry of Plastic Pollution/Impacts on F&W	Maureen Hayden	Investigating the Relationship Between Microplastics and Beach Invertebrate Community Abundance	
2:00	Solutions	Kasia Dinkeloo*	Bioprospecting Plastic Pollution Solutions: Nurdles and Beyond	
2:15	Solutions	Sasha Francis* and Charlotte Cisneros	Tackling Galveston Bay Marine Debris from All Angles	
2:30	PM Break (15 min)			
2:45	Solutions	Neil McQueen	Surfrider Foundation's Local and National Efforts to Reduce Plastic Pollution	
3:00	Solutions	Samantha Snabes	3D Printing with Shredded Plastic Waste!	
3:15	Solutions	Rob Glover *	Hold On To Your Butt...please	
3:30	Solutions	Aaron Baxter	The Billy Sandifer Big Shell Beach Cleanup: Making a Positive Impact for 27 Years	
3:45	Solutions	Devin Comba, Terence A. Palmer, Natasha J. Breaux*, Jennifer Beseres Pollack	Evaluating biodegradable alternatives to plastic mesh for oyster reef restoration	
4:00	Solutions	Caitlin Wessel, Adriana Leiva	Collaborating on Marine Debris Issues across the Gulf	
4:15	WRAP-UP- Jace Tunnell			
4:30	Poster Session			
4:45				
5:00				
5:05				
6:00	End- 6:15pm- Boat ride			

Title of presentation:	Author(s) of presentation
Superworms - Worms That Aid in the Degradation of Plastics	Rigoberto Carmona * Gloribel Carmona * Isaiah Mitchell * Kasia Dinkeloo
Assessment of microplastics in <i>Crassostrea virginica</i> in Galveston Bay, Texas	Melissa Ciesielski*, Marc H. Hanke, Antonietta Quigg, Laura J. Jurgens
Comparison of Galveston Bay oysters versus household beverage microplastic exposure for human consumers	Christopher Oxley*, Melissa Ciesielski, Laura Jurgens
Microplastic in the Rhizosphere	Katherine V Del Cairo*, N'Kya McDonald*
Development of a standardized environmental collection and sorting methods of tire wear particles	Nigel Lascelles*, Jeremy Conkle
Nurdle Patrol at Saint Stanislaus	Gus Breisacher* (co-author), Dylan McShane* (lead author), Gage Rabby*(co-author), Omar Tayara* (co-author), Ryan Tyler*(co-author), Colin Wood*(co-author) [3]
Is bioplastic an environmental pollutant?	Jeffrey W Turner, Lee J Pinnell, Andrea Di Cesare
Bioprospecting with Nurdles: the search for plastic-degrading microbes	Lauren Ohler*
Abundance and Distribution of Nurdles in Front of Saint Stanislaus Over Time	Jackson Reid*
Nurdle Patrol Mexico: our monitoring at Southwest Gulf of Mexico	Horacio Pérez-España*, Minerva Flores-Vargas
Estimating abundance of microplastics in surface waters and sediments of the Galveston Bay watershed	Emily Cox*, George Guillen, Joanie Steinhaus, Kimber De Salvo Anderson
Solutions to Pollution: Utilizing Beach Clean Ups to Better Inform the Public and Policy	Eleanor TenBrink* Maryssa Gates* Morgan Bruce