

Ocean Sciences Meeting 2020: Sea Grant Affiliated Presentations

Monday, February 17

Session	Start Time	End Time	Room	Title	Sea Grant Program Represented	Presenters
	8:00:00 AM	10:00:00 AM	11B, UL	Adventures, Challenges, and Benefits of Conducting International Collaborative Research I	USCSG	Adrienne Sponberg , Association for the Sciences of Limnology and Oceanography, Kensington, MD, United States, Adina Paytan , UCSC-Inst Marine Sciences, Santa Cruz, CA, United States, Michael Pace , University of Virginia Main Campus, Charlottesville, VA, United States and Linda E. Duguay , University of Southern California, Sea Grant Program, Los Angeles, CA, United States
Abstract	8:00:00 AM	10:00:00 AM	Poster Hall C-D; eLightning Theater	River Herring Telemetry Tracking and Data Visualization for Research, Management, Education, and Outreach	MITSG	Robert Vincent , MIT Sea Grant, Cambridge, MA, United States, William Benjamin Bray, MIT Sea Grant, Arlington, MA, United States and John Sheppard, Massachusetts Division of Marine Fisheries, New Bedford, MA, United States
Abstract	8:30:00 AM	8:45:00 AM	11A, UL	Lessons from the field – translating sea-level rise science into coastal decision making in the northern Gulf of Mexico	MSALSG	Renee Collini , Northern Gulf of Mexico Sentinel Site Cooperative, MS-AL Sea Grant/Mississippi State University, Mississippi State, MS, United States, Marian Hanisko, NOAA Office for Coastal Management, United States, Jenna Harper, Apalachicola National Estuarine Research Reserve/FL Department of Environmental Protection, United States, David Kidwell, NOAA, National Centers for Coastal Ocean Science, Silver Spring, MD, United States, Michael Johannes Osland, Organization Not Listed, Washington, DC, United States, Tracie Sempier, Mississippi-Alabama Sea Grant Consortium, Ocean Springs, MS, United States and John Tirpak, US Fish and Wildlife Service, United States
Abstract	11:45:00 AM	12:00:00 PM	9, UL	Tidal, Fortnightly, Seasonal, and Interannual Variability of Hydrodynamics in an Intermittently Open Estuary	USCSG	Madeleine Harvey , Scripps Institution of Oceanography, UCSD, La Jolla, CA, United States, Sarah N Giddings, Scripps Institution of Oceanography, La Jolla, CA, United States, Geno R Pawlak, University of California San Diego, La Jolla, CA, United States and Jeff Crooks, Tijuana River National Estuarine Research Reserve, Imperial Beach, CA, United States
Abstract	2:00:00 PM	2:15:00 PM	11A, UL	Biogeochemical Controls on Pelagic Respiration Rates in Long Island Sound	CTSG	Lauren Barrett , Penny Vlahos, Jamie MP Vaudrey and Michael M Whitney, University of Connecticut, Marine Sciences, Groton, CT, United States
Abstract	3:30:00 PM	3:45:00 PM	11B, UL	Remote Sensing in the Chesapeake Bay: A Focus on Harmful Algal Blooms	MDSG	Natasha De La Cruz , University of Maryland Center for Environmental Science Horn Point Laboratory, Cambridge, MD, United States and Greg Silsbe, University of Maryland Center for Environmental Science Horn Point Laboratory, Cambridge, United States
Abstract	4:00:00 PM	6:00:00 PM	Poster Hall C-D	Pre- and Post-Tunnel Comparison of Nitrogen Dynamics and Microbial Community of the Anacostia River, D.C.	MDSG	Tyler Mitchell , Rebekah Q Officer, Gaurav Arora and Caroline Solomon, Gallaudet University, Science, Technology, and Mathematics, Washington, DC, United States
Abstract	4:00:00 PM	6:00:00 PM	Poster Hall C-D	Voice of the Sea TV: Broadening Science Communication	HISG	Kanesa Duncan Seraphin , University of Hawaii at Manoa, Kapaa, HI, United States, Joanna Philippoff, Assistant Specialist, Curriculum & Research Development Group, University of Hawaii at Manoa, HI, United States and Thor T. Seraphin, Kauai Sound and Cinema Media Corporation, United States
Abstract	4:00:00 PM	6:00:00 PM	Poster Hall C-D	High correlation but high scale-dependent variance between satellite measured night lights and terrestrial exposure	USCSG	Ariel Levi Simons , Los Angeles, CA, United States; University of Southern California, Marine and Environmental Biology, Los Angeles, CA, United States, Xiaozhe Yin, University of Southern California, Spatial Sciences, Los Angeles, CA, United States and Travis Longcore, University of Southern California, Architecture, Spatial Sciences, and Biological Sciences, Los Angeles, CA, United States
Abstract	4:00:00 PM	6:00:00 PM	Poster Hall C-D	Effects of Ocean Acidification and Warming on the Physiology of <i>Crassostrea virginica</i> Larvae: From the Cellular to Whole-organism Levels	VASG	Annie Schatz ¹ , Jan McDowell ² and Emily Bethana Rives ¹ , (1)Virginia Institute of Marine Science, Biological Sciences, Gloucester Point, VA, United States, (2)Virginia Institute of Marine Science, United States
Abstract	4:00:00 PM	6:00:00 PM	Poster Hall C-D	Determining the Abundance and Diversity of Bacteria on Marine Particles of Different Size Classes	MDSG	Emily Dougherty , Maryland Sea Grant College, College Park, MD, United States and Jacob Adrian Cram, University of Maryland Center for Environmental Science Horn Point Laboratory, Cambridge, MD, United States
Abstract	4:00:00 PM	6:00:00 PM	Poster Hall C-D	The Effect of Increasing Acidity on Stage Z1 Blue Crabs, <i>Callinectes sapidus</i>	VASG	Christina Buscher , University of Virginia, Charlottesville, VA, United States and Stephen A Macko, Univ Virginia, Charlottesville, VA, United States

Abstract	4:00:00 PM	6:00:00 PM	Poster Hall C-D	Cooler and More Variable Medieval Climate in the Northern Caribbean indicated by <i>Pseudodiploria strigosa</i> and <i>Orbicella faveolata</i> Coral Sr/Ca-based Temperature Records from the 11 th Century	MDSG	Abigail Nalesnik, Salisbury University, Salisbury, United States and Kelly H Kilbourne, University of Maryland (UMCES CBL), Solomons, MD, United States
Abstract	4:00:00 PM	6:00:00 PM	Poster Hall C-D	What Shall We Call It? How Different Fields Can Help Us Think About Transdisciplinary Work	MITSG	Lindsey Williams, MIT Sea Grant College Program, Cambridge, MA, United States
Tuesday, February 18						
	Start Time	End Time	Room	Title	Sea Grant Program Represented	Presenters
Session	8:00:00 AM	10:00:00 AM	9, UL	Impacts of Microplastics on Marine Organisms and Ecosystem Health I	ORSG	Dorothy Ann Horn, Portland State University, Portland, OR, United States, Samantha N. Athey, University of Toronto, Toronto, ON, Canada, Susanne M Brander, Oregon State University, Department of Environmental and Molecular Toxicology, Corvallis, OR, United States and Elise F Graneek, Portland State University, Environmental Science & Management, Portland, OR, United States
Abstract	2:00:00 PM	2:15:00 PM	11B, UL	An iterating research, engagement and application cycle to support sea level rise planning in coastal Washington State: A "messy network" case study	WASG	Ian M Miller, Washington Sea Grant/Peninsula College, Port Angeles, WA, United States
Session	2:00:00 PM	4:00:00 PM	9, UL	Impacts of Microplastics on Marine Organisms and Ecosystem Health II	ORSG	Dorothy Ann Horn, Portland State University, Portland, OR, United States, Samantha N. Athey, University of Toronto, Toronto, ON, Canada, Susanne M Brander, Oregon State University, Department of Environmental and Molecular Toxicology, Corvallis, OR, United States and Elise F Graneek, Portland State University, Environmental Science & Management, Portland, OR, United States
Session	2:00:00 PM	4:00:00 PM	11B, UL	Outreach, Engagement, Impact: Translating Science Applications for Societal and Professional Benefits I	NSGO and MDSG	Rebecca Alison Briggs, NOAA Ocean and Atmospheric Research, National Sea Grant College Program, Silver Spring, MD, United States, Carolyn Scheurle, Sorbonne University CNRS, Institut de la Mer de Villefranche, Villefranche Sur Mer, France, Jacqueline F Tweddle, University of Aberdeen, Institute of Biological and Environmental Sciences, Aberdeen, United Kingdom and Michael Allen, Maryland Sea Grant, College Park, United States
Abstract	2:10:00 PM	2:20:00 PM	9, UL	Occurrence and Effects of Microplastics in Commercially Harvested Finfish and Shellfish in North America: Research Needs and Future Directions	ORSG	Elise F Graneek ¹ , Britta Baecher ² , Cheyenne Stienbarger ³ , Dorothy Ann Horn ² , Jincy Joseph ³ , Alison R Taylor ⁴ and Susanne Marie Brander ⁵ , (1)Portland State University, Environmental Science & Management, Portland, OR, United States, (2)Portland State University, Portland, OR, United States, (3)UNC Wilmington, United States, (4)University of North Carolina Wilmington, Biology and Marine Biology, Wilmington, NC, United States, (5)Oregon State University, Corvallis, OR, United States
Abstract	3:30:00 PM	3:45:00 PM	10, UL	Antimicrobial Resistance in Wastewater Effluent Streams and in Urban Coastal Waters Influenced by Effluent Discharge	USCSG	Joshua A Steele ¹ , Rachel Diner ^{1,2} , Amy Zimmer-Faust ¹ , Madison L Griffith ¹ , Thomas Harper ^{1,3} , Jeffrey Chokry ^{1,4} , David Wanless ¹ and John F Griffith ¹ , (1)Southern California Coastal Water Research Project, Microbiology, Costa Mesa, CA, United States, (2)J. Craig Venter Institute, La Jolla, CA, United States, (3)University of California Los Angeles, Fielding School of Public Health, Los Angeles, CA, United States, (4)California State University Fullerton, Fullerton, CA, United States
Session	4:00:00 PM	6:00:00 PM	Poster Hall C-D	Impacts of Microplastics on Marine Organisms and Ecosystem Health IV Posters	ORSG	Dorothy Ann Horn, Portland State University, Portland, OR, United States, Samantha N. Athey, University of Toronto, Toronto, ON, Canada, Susanne M Brander, Oregon State University, Department of Environmental and Molecular Toxicology, Corvallis, OR, United States and Elise F Graneek, Portland State University, Environmental Science & Management, Portland, OR, United States

Abstract	4:00:00 PM	6:00:00 PM	Poster Hall C-D	Transdisciplinarity in practice: Integrating ecological, oceanographic, and human dimensions to support holistic decision-making for Oregon's Marine Reserves	ORSG	Adrian Laufer , Oregon State University, Public Policy, Corvallis, OR, United States, Megan N. Wilson , Oregon State University, Integrative Biology, Corvallis, OR, United States, Jennifer Ann Tatoi Kealohalani Wong-Ala , Oregon State University, CEOs, Corvallis, United States and Erin Howard , Oregon State University, Statistics, Corvallis, OR, United States
Abstract	4:00:00 PM	6:00:00 PM	Poster Hall C-D	Complexation of Yttrium and the Rare Earth Elements with Silicate at Seawater Ionic Strength	MDSG	Joshua Dalo , University of New England, Biddeford, ME, United States and Johan Schijf , University of Maryland Center for Environmental Science, Chesapeake Biological Laboratory, Solomons, MD, United States
Session	4:00:00 PM	6:00:00 PM	Poster Hall C-D	Outreach, Engagement, Impact: Translating Science Applications for Societal and Professional Benefits II Posters	NSGO and MDSG	Rebecca Alison Briggs , NOAA Ocean and Atmospheric Research, National Sea Grant College Program, Silver Spring, MD, United States, Carolyn Scheurle , Sorbonne University CNRS, Institut de la Mer de Villefranche, Villefranche Sur Mer, France, Jacqueline F Tweddle , University of Aberdeen, Institute of Biological and Environmental Sciences, Aberdeen, United Kingdom and Michael Allen , Maryland Sea Grant, College Park, United States
Abstract	4:00:00 PM	6:00:00 PM	Poster Hall C-D	Using the Sea Grant model for successful research to application projects	NSGO	Hollis Jones, Rebecca Alison Briggs and Elizabeth Rohring, NOAA Ocean and Atmospheric Research, National Sea Grant College Program, Silver Spring, MD, United States
Abstract	4:00:00 PM	6:00:00 PM	Poster Hall C-D	Understanding the Membership of the National Marine Educators Association (NMEA) and What Drives Participation From Stakeholders	HISG	Joanna Philippoff, Assistant Specialist, Curriculum & Research Development Group, University of Hawaii at Manoa, HI, United States, Jenny East, Oregon Sea Grant, United States and Tara Hicks Johnson , UNIVERSITY OF NEW HAMPSHIRE, CENTER FOR COASTAL AN, Durham, NH, United States
Abstract	4:00:00 PM	6:00:00 PM	Poster Hall C-D	Learning With Duct Tape and Zip Ties: Designing, Deploying and Analyzing Data From Simple Ocean Moorings in an Introductory Ocean Sciences Course	WASG	Ian M Miller , Washington Sea Grant/Peninsula College, Port Angeles, WA, United States
Session	4:00:00 PM	6:00:00 PM	Poster Hall C-D	Triumphs and Disasters: Coastal, Marine, and Oceanographic Research in Small Island/Archipelago Settings I Posters	HISG	Serena Blyth Lee , Griffith University, Griffith Climate Change Response Program. Griffith Centre for Coastal Management, Gold Coast, Australia and Oceana Puananilei Francis , University of Hawaii, Honolulu, United States
Abstract	4:00:00 PM	6:00:00 PM	Poster Hall C-D	TD Education: Increasing coastal resiliency by informing and preparing citizens of the northern Gulf of Mexico through hands-on, multidisciplinary K12 education	MSALSG	Stephanie M Smallegan ¹ , Renee Collin ^{2,3} , Sonia Vedraf ⁴ , Alison Rellinger ⁵ , Tina Miller-Way ² , Eric Sparks ⁶ and Tracie Sempier ⁷ , (1)University of South Alabama, Civil, Coastal, and Environmental Engineering, Mobile, AL, United States, (2)Dauphin Island Sea Lab, Dauphin Island, AL, United States, (3)Northern Gulf of Mexico Sentinel Site Cooperative, MS-AL Sea Grant/Mississippi State University, Mississippi State, MS, United States, (4)Northern Gulf of Mexico Sentinel Site Cooperative, Biloxi, United States, (5)The Alabama School of Mathematics and Science, Mobile, AL, United States, (6)Mississippi State University Coastal Research & Extension Center, Biloxi, MS, United States, (7)Mississippi-Alabama Sea Grant Consortium, Ocean Springs, MS, United States
Abstract	4:00:00 PM	6:00:00 PM	Poster Hall C-D	New method for quantifying ocean hazards for Hawaiian coastal highways	HISG	Linqiang Yang, University of Hawaii at Manoa, Civil and Environmental Engineering, Honolulu, HI, United States, Harrison Togia, University of Hawaii at Manoa, Honolulu, HI, United States and Oceana Puananilei Francis , University of Hawaii, Honolulu, United States
Abstract	4:00:00 PM	6:00:00 PM	Poster Hall C-D	Ocean Hazard Database for Hawaiian Coastal Highways	HISG	Harrison Togia, University of Hawaii at Manoa, Honolulu, HI, United States, Linqiang Yang, University of Houston, Houston, TX, United States and Oceana Puananilei Francis , University of Hawaii, Honolulu, United States
Abstract	4:00:00 PM	6:00:00 PM	Poster Hall C-D	The State of Hawaii Statewide Coastal Highway Program Report	HISG	Oceana Puananilei Francis , Horst Brandes, Guohui Zhang, David Ma, Linqiang Yang, Ogul Doygun, Harrison Togia, Caroline Rossi and Giannicola Tumino Di Costanzo, University of Hawaii at Manoa, Honolulu, HI, United States
Town Hall	6:30:00 PM	7:30:00 PM	10, UL	Advancing Public-Private Partnerships in Ocean Science and Technology	WASG	Molly E Grear , University of Washington Seattle, Civil and Environmental Engineering, Seattle, WA, United States and Deerin Babb-Brott , White House Office of Science and Technology Policy, Washington, DC, United States

Wednesday, February 19

	Start Time	End Time	Room	Title	Sea Grant Program Represented	Presenters
Session	8:00:00 AM	10:00:00 AM	9, UL	Impacts of Microplastics on Marine Organisms and Ecosystem Health III	ORSG	Dorothy Ann Horn , Portland State University, Portland, OR, United States, Susanne M Brander , Oregon State University, Department of Environmental and Molecular Toxicology, Corvallis, OR, United States, Elise F Granek , Portland State University, Environmental Science & Management, Portland, OR, United States and Samantha N. Athey , University of Toronto, Toronto, ON, Canada
Abstract	8:30:00 AM	8:45:00 AM	4, UL	Evidence of Changes in Sedimentation Rate and Sediment Fabric in a Low Oxygen Setting: Santa Monica Basin, CA	USCSG	Nathaniel James Kemnitz ¹ , William Berelson ² , Douglas E Hammond ² and Tina Treude ³ , (1)University of Southern California, Earth Sciences, Los Angeles, CA, United States, (2)University of Southern California, Los Angeles, CA, United States, (3)GEOMAR Helmholtz Centre for Ocean Research Kiel, Kiel, Germany
Abstract	2:00:00 PM	2:15:00 PM	14B, Mezzanine	Understanding Experiences of Women in Marine Science: Results of an initial pilot study	MITSG	Lindsey Williams , MIT Sea Grant College Program, Cambridge, MA, United States and Tracey Dalton, University of Rhode Island, Marine Affairs, Narragansett, United States
Session	2:00:00 PM	4:00:00 PM	14B, Mezzanine	Changing the Culture: Preparing a Diverse and Inclusive Ocean Sciences Workforce I	ORSG and GASG	Sarah E Kolesar , Oregon Sea Grant, Corvallis, OR, United States, Lisa D White , University of California Berkeley, Museum of Paleontology, Berkeley, CA, United States, Corey Garza , California State University Monterey Bay, Marine Science, Seaside, CA, United States, Brandon Jones , National Science Foundation, GEO, Arlington, VA, United States, Sharon K Cooper , Lamont Doherty Earth Observatory, Palisades, NY, United States, Jonathan C Lewis , Indiana University of Pennsylvania Main Campus, Geoscience, Indiana, PA, United States, Sonya Legg , Princeton University, Princeton, NJ, United States and Mona Behl , University of Georgia, Georgia Sea Grant, Athens, GA, United States
Abstract	3:30:00 PM	3:45:00 PM	9, UL	Shell Day- regional collaboration and citizen science further understanding of coastal acidification	MITSG	Carolina Bastidas , Massachusetts Institute of Technology, Sea Grant College Program, Cambridge, United States, Parker R Gassett, University of Maine, United States, Jennie E Rheuban, Woods Hole Sea Grant and Woods Hole Oceanographic Institution, Marine Chemistry and Geochemistry, United States, Katie O'Brien-Clayton, Connecticut Department of Energy and Environmental Protection, United States, Matthew Liebman, Environmental Protection Agency Region 1, United States, Christopher W Hunt, University of New Hampshire, Durham, NH, United States, Elizabeth J Turner, NOAA, National Ocean Service, National Centers for Coastal Ocean Science, Durham, NH, United States, Esperanza Stancioff, UMaine Extension and Maine Sea Grant, Waldoboro, United States and Emily Silva, NECAN and NERACOS, United States
Abstract	3:30:00 PM	3:45:00 PM	7B, UL	Species Composition and Diversity Patterns across the Salish Sea: Multiple Targeted Metabarcode Analyses of Zooplankton and eDNA in Relation to Chemical Conditions	WASG	Carol A Stepien , NOAA Pacific Marine Environmental Laboratory, Seattle, WA, United States, Julie E Keister, University of Washington Seattle Campus, School of Oceanography, Seattle, WA, United States, Christopher Paight, NOAA Pacific Marine Environmental Laboratory, Ocean Environment Research Division, Seattle, WA, United States, Elizabeth Slikas, University of Washington Seattle Campus, JISAO/NOAA PMEL, Seattle, WA, United States and Emily L Norton, University of Washington, Joint Institute for the Study of the Atmosphere and Ocean, Seattle, WA, United States
Abstract	3:45:00 PM	4:00:00 PM	9, UL	Carbon and Nitrogen balances of the Long Island Sound Estuary	CTSG	Penny Vlahos ¹ , Michael M Whitney ¹ , John R Mullaney ² , Christina Menniti ³ and Jonathan Morrison ⁴ , (1)University of Connecticut, Marine Sciences, Groton, CT, United States, (2)USGS Connecticut Water Science Center, East Hartford, CT, United States, (3)University of Connecticut, Groton, CT, United States, (4)U.S. Geological Survey, East Hartford, CT, United States

Abstract	4:00:00 PM	6:00:00 PM	Poster Hall C-D	From research to application: case studies from the University of Southern California (USC) Sea Grant's Urban Ocean Program	USCSG	Marika Schulhof , Phyllis M. Grifman and Linda E. Duguay, University of Southern California, Sea Grant Program, Los Angeles, CA, United States
Abstract	4:00:00 PM	6:00:00 PM	Poster Hall C-D	A COMPARISON OF ZOOPLANKTON METHODS: MORPHOLOGICAL IDENTIFICATION VS. GENETIC METABARCODING	MDSG	Catherine Fitzgerald , James J Pierson and Louis V Plough, University of Maryland Center for Environmental Science, Horn Point Laboratory, Cambridge, MD, United States
Abstract	4:00:00 PM	6:00:00 PM	Poster Hall C-D	Real-Time Total Water Forecasts for the National Capital Region and the Chesapeake Bay	VASG	Celso Ferreira , George Mason University Fairfax, Department of Civil, Environmental and Infrastructure Engineering, Fairfax, VA, United States, Arslaan Khalid, GMU, Fairfax, United States, Tyler Will Miesse, George Mason University Fairfax, Fairfax, VA, United States, Selina Sumi, GMU, Department of Civil, Environmental and Infrastructure Engineering, Fairfax, VA, United States, Gustavo de Almeida Coelho, George Mason University Fairfax, Sid & Reva Dewberry Department of Civil, Environmental & Infrastructure Engineering, Fairfax, VA, United States and Andre de Souza de Lima, George Mason University, Fairfax, VA, United States
Abstract	4:00:00 PM	6:00:00 PM	Poster Hall C-D	Forecasting the ecological legacy of aging offshore oil and gas platforms	USCSG	Erin Meyer-Gutbrod , University of California, Santa Barbara, Marine Science Institute, Santa Barbara, CA, United States, Milton Love, University of California Santa Barbara, Santa Barbara, CA, United States, Donna M Schroeder, U.S. Department of the Interior, Bureau of Ocean Energy Management, Camarillo, CA, United States and Robert J. Miller, University of California, Marine Science Institute, Santa Barbara, CA, United States

Thursday, February 20

	Start Time	End Time	Room	Title	Sea Grant Program Represented	Presenters
Session	2:00:00 PM	4:00:00 PM	14B, Mezzanine	Changing the Culture: Preparing a Diverse and Inclusive Ocean Sciences Workforce II Panel	ORSG	Sarah E Kolesar , Oregon Sea Grant, Corvallis, OR, United States, Lisa D White , University of California Berkeley, Museum of Paleontology, Berkeley, CA, United States, Corey Garza , California State University Monterey Bay, Marine Science, Seaside, CA, United States, Brandon Jones , National Science Foundation, GEO, Arlington, VA, United States and Sharon K Cooper , Lamont Doherty Earth Observatory, Palisades, NY, United States
Abstract	3:15:00 PM	3:30:00 PM	9, UL	Primary stressors and mechanisms impacting the long-term variability of the Chesapeake Bay carbonate system	VASG	Fei Da ¹ , Marjorie A. M. Friedrichs ¹ , Pierre St-Laurent ¹ , Elizabeth Shadwick ² and Raymond Najjar ³ , (1)Virginia Institute of Marine Science, Gloucester Point, VA, United States, (2)CSIRO Marine and Atmospheric Research, Hobart, TAS, Australia, (3)The Pennsylvania State University, Meteorology and Atmospheric Science, University Park, PA, United States
Abstract	4:00:00 PM	6:00:00 PM	Poster Hall C-D	Greening the Grey: Integrating Oysters to Enhance Grey Infrastructure Effectiveness Against Sea Level Rise	MDSG	Nina Woodard ¹ , Matthew Gray ¹ and William Nardin ² , (1)University of Maryland Center for Environmental Science, Horn Point Laboratory, Cambridge, MD, United States, (2)University of Maryland Center For Environmental Sciences, Horn Point Laboratory, Cambridge, MD, United States
Abstract	4:00:00 PM	6:00:00 PM	Poster Hall C-D	Nitrogen sources and fluxes in Western Long Island Sound	CTSG	Christina Menniti ¹ , Michael M Whitney ² , Penny Vlahos ² and Allison Byrd ² , (1)University of Connecticut, Groton, CT, United States, (2)University of Connecticut, Marine Sciences, Groton, CT, United States
Abstract	4:00:00 PM	6:00:00 PM	Poster Hall C-D	Phosphorus Uptake in Floating Wetlands: A Mass Balance Approach	MDSG	Olivia Lopez ¹ , Lora Harris ² , Jeremy M Testa ² and Isabel Sanchez Viruet ³ , (1)United States, (2)University of Maryland Center for Environmental Science, Chesapeake Biological Laboratory, Solomons, MD, United States, (3)Universidad Metropolitana, Science and Technology, San Juan, PR, United States

Session	4:00:00 PM	6:00:00 PM	Poster Hall C-D	Changing the Culture: Preparing a Diverse and Inclusive Ocean Sciences Workforce III Posters	ORSG	Sarah E Kolesar , Oregon Sea Grant, Corvallis, OR, United States, Lisa D White , University of California Berkeley, Museum of Paleontology, Berkeley, CA, United States, Corey Garza , California State University Monterey Bay, Marine Science, Seaside, CA, United States, Brandon Jones , National Science Foundation, GEO, Arlington, VA, United States, Jonathan C Lewis , Indiana University of Pennsylvania Main Campus, Geoscience, Indiana, PA, United States, Sonya Legg , Princeton University, Princeton, NJ, United States and Sharon K Cooper , Lamont Doherty Earth Observatory, Palisades, NY, United States
Abstract	4:00:00 PM	6:00:00 PM	Poster Hall C-D	Anticyclonic Eddies and their Influences on Salinity in the Mid-Atlantic Bight	MDSG	Alina Martinez , University of Maryland Center for Environmental Science Horn Point Laboratory, Cambridge, MD, United States, Jian Zhao , University of Maryland Center for Environmental Science Horn Point Laboratory, Physical Oceanography, Cambridge, MD, United States and Lawrence P Sanford , Univ Maryland Cntr Environ Sci, Cambridge, MD, United States
Abstract	4:00:00 PM	6:00:00 PM	Poster Hall C-D	An Analysis of Protist Diversity in Oxygen Deficient Zones: Understanding the Relationship between Prochlorococcus and Grazing	MDSG	Luca Cherubini ¹ , Matthew Hays ² and Clara A Fuchsmann ² , (1)Maryland Sea Grant College, College Park, MD, United States, (2)University of Maryland Center for Environmental Science Horn Point Laboratory, Cambridge, MD, United States
Abstract	4:00:00 PM	6:00:00 PM	Poster Hall C-D	The Temperature Inside the Nests of the Diamondback Terrapin, <i>Malaclemys terrapin</i> , and Its Relationship with the Air Temperature of the Nesting Site.	MDSG	Alan Williams , Student Researcher, Tucson, AZ, United States, Dong Liang , Chesapeake Biological Laboratory, University of Maryland Center for Environmental Science, Solomons, MD, United States and Christopher Rowe , Chesapeake Biological Laboratory, University of Maryland Center for Environmental Science, Solomons, United States
Abstract	4:00:00 PM	6:00:00 PM	Poster Hall C-D	Warming and growth on urea increase the tolerance of the toxic diatom <i>Pseudo-nitzschia multiseries</i> to UV exposure and so may facilitate establishment of near-surface harmful blooms	USCSG	Kyla Kelly ¹ , Xiaowen Jiang ² , Li He ² , Dong Xu ³ , Naihao Ye ³ , David A Hutchins ⁴ , Kunshan Gao ² and Feixue Fu ⁴ , (1)University of Southern California, Biological Sciences, Los Angeles, CA, United States, (2)State Key Laboratory of Marine Environmental Science (Xiamen University), Xiamen, China, (3)Chinese Academy of Fishery Sciences, Yellow Sea Fisheries Research Institute, Qingdao, China, (4)University of Southern California, Los Angeles, CA, United States
Abstract	4:00:00 PM	6:00:00 PM	Poster Hall C-D	Democratizing Data Through Art: A Web-Based, User-Centric Approach to Water Quality Analysis and Visualization	MITSG	William Benjamin Bray , MIT Sea Grant, Arlington, MA, United States, Robert Vincent , MIT Sea Grant, Cambridge, MA, United States and Kaitlyn Shaw , Ipswich River Watershed Association, Ipswich, MA, United States
Abstract	4:00:00 PM	6:00:00 PM	Poster Hall C-D	Evaluating the vulnerability of salt marsh soil organic matter to microbial decomposition	WHSG	Sheron Luk , Woods Hole Oceanographic Institution, Woods Hole, MA, United States, Meagan Eagle Gonnea , USGS, Woods Hole, MA, United States, Jonathan Sanderman , Woods Hole Research Center, Falmouth, MA, United States, Kelsey Gosselin , Woods Hole Oceanographic Institution, Marine Chemistry & Geochemistry, Woods Hole, MA, United States and Amanda C Spivak , University of Georgia, Department of Marine Sciences, Athens, United States
Abstract	4:00:00 PM	6:00:00 PM	Poster Hall C-D	Environmental drivers of the presence and persistence of sand lance hotspots on the Northeast US Shelf	WHSG	Justin Joseph Suca ¹ , David Wiley ² , Tammy L. Silva ³ , Anna R. Robuck ⁴ , David Richardson ⁵ , Sarah G Glancy ⁶ , Teresa Giandonato ⁷ , Michael A. Thompson ³ , Peter Hong ³ , Hannes Baumann ⁸ , Les Kaufman ⁹ and Joel Llopiz ⁶ , (1)Woods Hole Oceanographic Institution, Biology Department, Woods Hole, MA, United States, (2)Stellwagen Bank National Marine Sanctuary, United States, (3)Stellwagen Bank National Marine Sanctuary, Scituate, MA, United States, (4)University of Rhode Island Narragansett Bay, Narragansett, RI, United States, (5)NOAA Northeast Fisheries Science Center, Narragansett, RI, United States, (6)Woods Hole Oceanographic Institution, Woods Hole, MA, United States, (7)Colorado Mesa University, Grand Junction, CO, United States, (8)University of Connecticut, Marine Sciences, Groton, CT, United States, (9)Conservation International, Arlington, VA, United States

Friday, February 21

	Start Time	End Time	Room	Title	Sea Grant Program Represented	Presenters
Abstract	9:30:00 AM	9:45:00 AM	11B, UL	Ocean Acidification Thresholds for Eastern Oysters	VASG	Emily Bethana Rives ¹ , Mark J Brush ² , Richard Carl Zimmerman ³ , Victoria J Hill ⁴ , Arien Widrick ¹ and Sara Blachman ¹ , (1)Virginia Institute of Marine Science, Biological Sciences, Gloucester Point, VA, United States, (2)Virginia Institute of Marine Science, Gloucester Point, VA, United States, (3)Old Dominion University, Ocean, Earth, & Atmospheric Sciences, Norfolk, VA, United States, (4)Old Dominion University, Ocean, Earth, & Atmospheric Science, Norfolk, VA, United States
Abstract	11:15:00 AM	11:30:00 AM	5B, UL	Boundary layer fluxes over restored oyster reefs	MDSG	Lawrence P Sanford , University of Maryland Center for Environmental Science, Horn Point Laboratory, Cambridge, MD, United States, Melanie Leigh Jackson, University of Maryland Center for Environmental Science Horn Point Laboratory, Cambridge, MD, United States, Kevin Kahover, University of Maryland Center for Environmental Science, Chesapeake Biological Laboratory, Solomons, United States, Ella Kaplan, University of Minnesota Twin Cities, Minneapolis, MN, United States, Kiera Givens, Meridian Institute, Washington, DC, United States, Jeffrey C Cornwell, University of Maryland Center for Environmental Science Horn Point Laboratory, Horn Point Laboratory, Cambridge, MD, United States, Lora Harris, University of Maryland Center for Environmental Science, Chesapeake Biological Laboratory, Solomons, MD, United States and Allison Colden, Chesapeake Bay Foundation,
Abstract	3:00:00 PM	3:15:00 PM	7B, UL	Diatom Community Composition Shifts Driven by Coherent Cyclonic Mesoscale Eddies in the California Current System	VASG	Zuzanna M Abdala ¹ , Sveinn V Einarsson ¹ , Kimberly Powell ² , Claire P. Till ³ , Tyler Coale ⁴ , Sophie Clayton ¹ and Dreux Chappell ⁵ , (1)Old Dominion University, Ocean, Earth, and Atmospheric Sciences, Norfolk, VA, United States, (2)Old Dominion University, Ocean, Earth & Atmospheric Sciences, Norfolk, VA, United States, (3)Humboldt State University, Chemistry, Arcata, CA, United States, (4)Scripps Institution of Oceanography, La Jolla, CA, United States, (5)Old Dominion University, Ocean, Earth and Atmospheric Sciences, Norfolk, VA, United States

Ocean Sciences Meeting 2020: Sea Grant Affiliated Attendees		
Name	Program	Presenter
Penny Vlahos	Connecticut Sea Grant	X
Mona Behl	Georgia Sea Grant	X
Kanesa Duncan Seraphin	Hawaii Sea Grant	X
Max Sudnovsky	Hawaii Sea Grant	
Oceana Francis	Hawaii Sea Grant	X
Fredrika Moser	Maryland Sea Grant	
Bill Hubbard	Maryland Sea Grant	
Mike Allen	Maryland Sea Grant	X
William Benjamin Bray	MIT Sea Grant	X
Rob Vincent	MIT Sea Grant	X
Rebecca Briggs	National Sea Grant Office	X
Sarah Kolesar	Oregon Sea Grant	X
Carol Stepien	Pacific Marine Environmental Laboratory	X
Leah Shore	USC Sea Grant	
Linda Duguay	USC Sea Grant	X
Marika Schulhof	USC Sea Grant	X
Melodie Grubbs	USC Sea Grant	
Arslaan Khalid	Virginia Sea Grant	X
Christina Fantasia-Buscher	Virginia Sea Grant	X
Emily Rivest	Virginia Sea Grant	X
Fei Da	Virginia Sea Grant	X
Katherine (Annie) Schatz	Virginia Sea Grant	X
Zuzy Abdala	Virginia Sea Grant	X
Ian Miller	Washington Sea Grant	X
Julie Keister	Washington Sea Grant	X
Melissa Watkinson	Washington Sea Grant	
Molly Gear	Washington Sea Grant	X
Matt Charette	Woods Hole Sea Grant	