

AFS TIDEWATER MEETING SCHEDULE OVERVIEW

March 12-14, 2020

Thursday March 12, 2020

Time	Event	Location
3:00 - 5:00 PM	Educational Event: Tour of Hampton's Historical Working Waterfront	Hampton Marina Hotel Lobby 700 Settler's Landing Rd, Hampton, VA 23669
3:00 - 5:00 PM	EXCOMM Meeting	Hampton Marina Hotel: Chesapeake Room 700 Settler's Landing Rd
5:00 - 6:00 PM	Poster Set-up and On-site Registration	Hampton History Museum 120 Old Hampton Ln.
6:00 - 9:00 PM	Poster Session	

Friday March 13, 2020

Time	Event	Location
7:30 AM	Registration Opens	Hampton Marina Hotel Ballroom 700 Settler's Landing Rd
8:00 - 8:30 AM	Coffee Available	
8:30 - 8:40 AM	Welcoming Remarks	
8:40 - 9:00 AM	State of Virginia Fisheries: Pat Geer, VMRC Chief of Fisheries Management	
9:00 - 9:45 AM	Plenary Talk: James Morley, ECU	
9:45 - 10:15 AM	Student Lightning Talks	
10:15 - 10:30 AM	Coffee Break	
10:30 - 12:00 PM	Student Oral Presentations	

12:00 - 1:15 PM	Lunch on your own (including student/mentor lunch)	Downtown Hampton (see Hampton Guide for options)
1:15 - 3:00 PM	Student Oral Presentations	Hampton Marina Hotel 700 Settler's Landing Rd
3:00 - 3:15 PM	Coffee Break	
3:15 - 4:05 PM	Student Oral Presentations	
4:05 - 5:00 PM	Business Meeting	
6:00 - 7:00 PM	Social Hour	Virginia Air & Space Center 600 Settler's Landing Rd
7:00 - 8:30 PM	Dinner	
8:30 - 10:00 PM	Awards, Auction, and Raffle	

Saturday March 14, 2020

Time	Event	Location
8:00 - 8:30 AM	Coffee Available	Hampton Marina Hotel 700 Settler's Landing Rd
8:30 - 10:30 AM	Professional Oral Presentations	
10:30 - 10:45 AM	Coffee Break	
10:45 - 11:45 PM	Professional Oral Presentations	
12:00 PM	Meeting Adjourned	

Poster Presentations - 6:00 - 9:00 PM, Friday March 13, 2020

(Presenters will be with their posters from 6:30 - 7:30 PM)

Easel #	Presenter (S = Student)	Title of Poster
1	Frey, B. (S)	Validation of age and growth estimates of Monkfish (<i>Lophius americanus</i>) using microstructural analysis of hardparts

2	Tears, T. (S)	Estimation of recruitment variation using cohort-specific von Bertalanffy growth coefficients: Stock assessment implications
3	Dowiarz, S. (S)	Hickory shad (<i>Alosa mediocris</i>) vs. American shad (<i>Alosa sapidissima</i>): Comparing aging techniques for congeneric species
4	Rulifson, R.	Hickory shad otolith development as viewed using scanning electron microscopy
5	Hill, C. (S)	Characterizing the life history of hickory shad (<i>Alosa mediocris</i>) using otolith microchemistry
6	Itakura, H.	Chesapeake Bay habitat selection by striped bass derived from biotelemetry records
7	Bartlett, B. (S)	Projected changes of the distribution of Nassau grouper spawning habitat and its management applications
8	Martinez, J. (S)	Striped marlin, <i>Kajikia audax</i> , in the Central North Pacific Ocean: One stock or two?
9	Pelletier, C. (S)	Movement ecology, reproductive dynamics, and enhanced prey resolution for non-native catfishes in a North Carolina coastal river
10	O'Brien, K. (S)	Characterizing changes in habitat for large coastal and small coastal sharks along the southeastern Atlantic Coast
11	Nichols, Q. (S)	Phenology in a changing environment: Ecological forecasts of Albemarle Sound/Roanoke River striped bass stock migration
12	Rubalcava, K. (S)	Development of a Maryland Coastal Bays ecosystem model to assess the influence of climatic factors on biomass distributions of fish and macroinvertebrates, food web linkages and community structure
13	Cobbs, C. (S) Dryden, E. (S)	Investigating the impact of storm events on the availability of terrestrial insect prey to mummichog (<i>Fundulus heteroclitus</i>)

14	Coleman, N. (S)	Association behavior between round scad (<i>Decapterus punctatus</i>) and sand tiger sharks (<i>Carcharias taurus</i>) as seen on SharkCam may be mutually beneficial
15	Leach, N. (S)	Condition factor and HSI as indicators of overall condition of <i>Plotosus lineatus</i> in the Philippines
16	Hodges, K. (S)	Trace metal analysis of menhaden (<i>Brevoortia tyrannus</i>), red drum (<i>Sciaenops ocellatus</i>), and croaker (<i>Micropogonias undulatus</i>) muscle tissue from the Cape Fear River Estuary, North Carolina
17	Milton, I. (S)	MicroRNA isolation from three neurosensory structures in CO ₂ -exposed marine fishes
18	Williams-McLeod, S. (S)	Effects of acidification on the neurosensory biology of red drum (<i>Sciaenops ocellatus</i>)
19	Fowler, A.	Field surveys and comparative parasitology of freshwater native and invasive snails in Virginia
20	Robison, C.	Bioaccumulation and depuration of the harmful algal bloom toxin goniodomin A in <i>Crassostrea virginica</i>
21	Everhart, J.	Variations in mesozooplankton abundance, species composition, and seasonality in Beaufort Inlet, NC based on semi-automated taxonomic identification with ZooScan
22	Richie, K.	Building strength within the acoustic community
23	Baker, M.	Why you should write about your research for Sea Grant's saltwater angling blog

Student Lightning Talks - Friday March 13, 2020

Moderated by David Rudders

Time	Presenter	Title of Presentation
9:45 AM	Baldisimo, J.	Determining Ecological and Evolutionary Trends in Coral Reef Fish Utilized for the Marine Ornamental Trade to Bridge Science and Policy

9:50 AM	Warfel, Z.	Variability in Morphometric Condition of Larval Atlantic Croaker and Mojarra as a Function of Temperature, Zooplankton Abundance, and Seasonality
9:55 AM	Loeher, M.	Watching a virus evolve: Quantifying pathogen fitness of IHNV in rainbow trout and sockeye salmon
10:00 AM	Farmer, M.	Assessment of the spatial and temporal distribution of <i>Crassostrea virginica</i> spat and fouling organisms in the Maryland coastal bays
10:05 AM	Clark, K.	The effect of density on the growth, yield, and reproduction of the sea scallop, <i>Placopecten magellanicus</i>

Student Oral Presentations - Friday March 13, 2020

Moderated by David Rudders (morning) and Jim Gartland (afternoon)

Time	Presenter	Title of Presentation
10:30 AM	Ropp, A.	Molecular markers for <i>Mercenaria mercenaria</i> : Addressing wild population structure in the hard clam
10:45 AM	White, S.	Characterizing trends in participation and diversification in small-scale fisheries of Virginia
11:00 AM	Whalen, J.	Decadal changes in reef fish diversity in the central Visayas
11:15 AM	Gorman, C.	Global conservation status of the family Sciaenidae (croaker and drum)
11:30 AM	Song, J.	Signatures of selection and phenotypic plasticity of an estuarine-dependent teleost, spotted seatrout (<i>Cynoscion nebulosus</i>)
11:45 AM	Marens, M.	Movement and habitat use of female sand tiger sharks (<i>Carcharias taurus</i>) in North Carolina coastal waters
12:00 - 1:15 PM	Lunch on your own (including student mentor lunch)	

1:15 AM	Kohli, A.	Pathogen lesions and parasite invasions in American eels
1:30 PM	Schonfeld, A.	Influence of Chesapeake Bay environmental conditions on estuary utilization by mid-Atlantic fishes
1:45 PM	Best-Otubu, C.	Ecosystem dynamics of the summer flounder
2:00 PM	Gardner, S.	Contribution of ontogenetic diet and habitat shifts to variable first year growth in southern flounder (<i>Paralichthys lethostigma</i>)
2:15 PM	Jesse, J.	Quantifying drivers of mycobacteriosis in Atlantic striped bass from Maryland waters of the Chesapeake Bay
2:30 PM	Lee, T.	Biogeographic diversity of fish-infecting digenean trematodes in estuaries dominated by non-native macroalga
2:45 PM	Arai, K.	Decadal trends in stock mixing of Northwest Atlantic mackerel from otolith oxygen and carbon stable isotopes
3:00 - 3:15 PM	Coffee Break	
3:15 PM	Nelson, L.	The long and short of clearnose skate morphometric and meristic comparisons
3:30 PM	Askin, S.	Population genetic structure of channeled whelk: Implications for management in the mid-Atlantic
3:45 PM	Stevens, B. (Professional)	The ups and downs of trap fishing: Environmental impacts, entanglement, and the future of trap fishing

Professional Oral Presentations - Saturday March 14, 2020

Moderated by Chris Bonzek

Time	Presenter	Title of Presentation
8:30 AM	Scharf, F.	Assessing the potential for bias in a long-term juvenile abundance index and the implementation of a partial-replacement survey design

8:50 AM	Roman, S.	Selectivity of two commercial dredges fished in the northwest Atlantic sea scallop fishery
9:10 AM	Phillips, O.	An inside look at fisheries management in Virginia
9:30 AM	Bangley, C.	Snowbirds of the sea: Environmental associations of migratory cownose ray (<i>Rhinoptera bonasus</i>) presence in their summer and winter habitats along the U.S. Atlantic Coast
9:50 AM	Asch, R.	Assessing the reliability of species distribution model projections in the face of climate and ecosystem regime shifts: Small pelagic fishes in the California Current ecosystem
10:10 AM	Aguilar, R.	Chesapeake Bay Barcode Initiative (CBBI): The first comprehensive genetic library for fish and invertebrates of the Mid-Atlantic US
10:30 - 10:45 AM	Coffee Break	
10:45 AM	Blakeslee, A.	Host-switching among crabs: Species introduction results in a new target host for native parasites
11:05 AM	Davis, C.	Results of the 2019 Virginia shrimp experimental gear permit fishery in Virginia
11:25 AM	Luczkovich, J.	Ciguatoxin detection and model predictions for use in fisheries management in Puerto Rico