2022 National Aquaculture Extension Conference

and

Continuing Education Workshop

Holiday Inn by the Bay, Hotel and Conference Center, Portland, Maine.

(Tentative - Dana Morse and Forrest Wynne 5-12-22).

**Monday, June 13th**Conference Opening

4:00 – 6:00 pm EST Registration

6:00 – 8:00 pm Opening Reception

**Tuesday, June 14th** Plenary Session

7:00 - 8:00 am Continental Breakfast

8:00 – 8:10 am Welcome and Introductions Dana Morse, Maine Sea Grant College Program and University of Maine Cooperative Extension, and Forrest Wynne, Kentucky State University Extension

8:10 – 8:40 am Reginal M. Harrell, PhD. Department of Environmental Science and Technology and Director, Northeastern Regional Aquaculture Center, 2113 AnSc/AgEng Bldg, University of Maryland, College Park, MD 20742. rharrell@umd.edu

8:40 – 9:15 am Gayle Zydlewski, PhD. Director, Maine Sea Grant College Program. University of Maine, 5741 Libby Hall, Orono, ME. 04469. gayle.zydlewski@maine.edu.

 Kola Garber, PhD. Deputy Director, National Sea Grant College Program. 1315 East-West Highway, Silver Spring, MD, 20910. nikola.garber@noaa.gov

**Session 1 Aquaculture literacy/social license, regulations and permitting**

 \* indicates corresponding author.

9:15 – 9:30 am THE GREAT LAKES AQUACULTURE COLLABORATIVE’S (GLAC) ROLE IN SUPPORTING SUSTAINABLE AQUACULTURE IN THE GREAT LAKES REGION.

 Amy J. Schrank\* and Donald R. Schreiner. University of Minnesota Sea Grant, St. Paul, MN 55108. aschrank@umn.edu

9:30 – 9:45 am USING CROSS-SECTORAL PARTNERSHIPS TO BUILD PUBLIC TRUST AND ENHANCE AQUACULTURE LITERACY.

 Brianna Shaughnessy\*, Amalia Almada, Kim Thompson, Peter Kareiva, Michelle Marvier, Mark Rath, Maggie Allen. NOAA Office of Education and University of Massachusetts Boston, 100 William T Morrissey Blvd, Boston, MA 02125. brianna.shaughnessy@noaa.gov

9:45 – 10:00 am GROWING AQUACULTURE LITERACY USING LOCAL CONTEXT.

 Nicole Wright, Ohio Sea Grant, The Ohio State University, Area 100 Research Center, 1314 Kinnear Rd., Columbus, OH 43212. wright.1128@osu.edu

10:00 – 10:30 am Break

10:30 am ADVOCATING FOR AQUACULTURE THROUGH SCIENCE CAFÉS AND OTHER EDUCATION EXPERIENCES.

 Theodore Willis\*, Kate Holcomb. Lake Champlain Sea Grant, 81 Carrigan Drive, Burlington, VT 05405. Theodore.willis@uvm.edu

10:45 amCOMPREHENSIVE AQUACULTURE HEALTH PROGRAM STANDARDS (CHAPS).

 Kathleen H. Hartman, USDA APHIS Veterinary Services, 1408 24th Street, SE, Ruskin, FL 33596. Kathleen.H.Hartman@usda.gov

11:00 am NURTURING THE SUCCESSFUL GROWTH AND MATURATION OF A DOMESTIC SEAWEED AQUACULTURE INDUSTRY: IDENTIFYING AND REMOVING BARRIERS AND PROMOTING OPPORTUNITIES.

 Anoushka Concepcion\*, Gabriela Bradt, Meg Chadsey, Antoinette Clemetson, Melissa Good, Dawn Kotowicz, Stephanie Otts, Joshua Reitsma, and Jaclyn Robidoux. Connecticut Sea Grant and UConn Cooperative Extension, University of Connecticut, 1080 Shennecossett Road, Groton, CT 06340. anoushka.concepcion@uconn.edu

11:15 am Creating a Seaweed Food Safety Training to Support the growing Industry.

 Michael Ciaramella\*, Anoushka Concepcion, Catherine Janasie, Stephanie Otts. New York Sea Grant/Cornell Cooperative Extension, 146 Suffolk Hall, Stony Brook, NY 11794-5002. mc2544@cornell.edu

11:30 am THE REGULATORY EFFECTS ON ORNAMENTAL AQUACULTURE FARMS IN FLORIDA.

 Eric J. Cassiano\*, Noah C. Boldt, Jonathan van Senten, Carole R. Engle and Matthew A. DiMaggio. Tropical Aquaculture Laboratory, University of Florida, 1408 24th Street S.E.  Ruskin, FL 33570. ericcass@ufl.edu

11:45 am PRODUCER FEEDBACK ON AQUACULUTRE REGULATIONS IN THE GREAT LAKES REGION.

 Donald R. Schreiner \* and Amy J. Schrank. University of Minnesota, Minnesota Sea Grant College Program, 144 Chester Park Bldg., 31 West College Street, Duluth, MN 55812. schr0941@d.umn.edu

12:00 - 1:00 pm Lunch

1:00 pm CONNECTING SEA GRANT, NCCOS, AND COASTAL STAKEHOLDERS TO IMPROVE SUSTAINABLE AQUACULTURE SITING AND DEVELOPMENT.

 Jim LaChance\*, Ginny Eckert, Sherry Larkin, Beth Lenz, Fredrika Moser, Shauna Oh, Pamela Plotkin, Cathlyn Davis, Susan White, Gayle Zydlewski. Maryland Sea Grant 5825 University Research Ct Suite 1350 College Park, MD 20740. jlachance@mdsg.umd.edu

1:15 pm NOAA Fisheries resources for Marine aquaculture permitting Guidance.

 Kevin Madley\*, Chris Schillaci, NOAA Fisheries, Greater Atlantic Regional Fisheries Office, Gloucester, MA 01930. kevin.madley@noaa.gov

**Session 2 Aquaculture marketing and economics**

1:30 pm RETAIL SEAFOOR MARKET TRENDS IN THE U.S., 2016 TO 2021.

Ganesh Kumar\*, Lianqun Sun, Carole Engle, and Jonathan Van Senten Mississippi State University, Delta Research and Extension Center, Stoneville, Mississippi, U.S.A. gkk27@msstate.edu

1:45 pm IMPROVING EQUITABLE ACCESS TO LOCALLY FARMED SEAFOOD THROUGH THE SOUTH CENTRAL LOS ANGELES SUSTAINABLE SEAFOOD HUB.

 Amalia Almada\*, Heather Fenney, Diane Kim, Nathan Churches, Linda Chilton, Maria Madrigal, Phyllis Grifman, Bernard Friedman, Anna Joo Kim, Victoria Campbell-Arvai. University of Southern California Sea Grant, 3454 Trousdale Pkwy, CAS 200, Los Angeles, CA, 90089.amaliaal@usc.edu

2:00 pm RAISING AWARENESS OF LOCAL SEAFOOD IN AMERICAN’BREADBASKETS: OPPORTUNITIES FOR CONSUMER EDUCATION

 Amy Shambach\*, Kwamena Quagrainie, Troy Weber, Illinois-Indiana Sea Grant / Purdue University, 195 W. Marsteller St., West Lafayette, IN 47907. ashambac@purdue.edu

2:15 pm PANDEMIC: OPPORTUNITY FOR FISH MARKET DIVERSIFICATION. Kwamena Quagrainie\*, Amy Shambach, Illinois-Indiana Sea Grant / Purdue University, West Lafayette, IN 47907. kquagrai@purdue.edu

2:30 pm INCORPORATING ENTERPRISE BUDGETING INTO AQUACULTURE RESEARCH VERIFICATION PROGRAMS

 Terrill R. Hanson\*, Luke A. Roy. School of Fisheries, Aquaculture, & Aquatic Sciences Auburn University, 213 Swingle Hall, Auburn, AL 36849. hansontr@auburn.edu

2:45 – 3:15 pm Break

**Session 3 Aquaculture and the environment**

3:15 pm FACILITATING A CONVERSATION BETWEEN PRIORITIZING NPDES REQUIREMENTS AND ANIMAL WELFARE OBLIGATIONS.

 Lauren N. Jescovitch\* Michigan State University Extension & Michigan Sea Grant, 1500 Birch Street, Houghton, MI 49931. jescovit@msu.edu

3:30 pm INCREASING FISH WELFARE OF LARGE FINFISH IN CALIFORNIA AQUACULTURE.

 Jackson A Gross MSPH, Ph.D.\* and Zarah Deutsch, D.V.M. University of California Davis, 1 Shields Ave, Department of Animal Science, Davis, CA 95616. jagross@ucdavis.edu

3:45 pm MUD BLISTER WORM *Polydora spp.* IMPACTS, REGULATORY CONSIDERATIONS, GROWER COLLABORATION AND CONSUMER OUTREACH IN OREGON.

 Sam Chan and Megan Considine. Sea Grant Extension, Oregon State University,1600 SW Western Blvd., Suite 350, Corvallis, OR 97330. Samuel.chan@oregonstate.edu

4:00 pm Potential Impact of Herbicide Overspray on Phytoplankton Blooms in Arkansas Ponds.

 George L. Selden, University of Arkansas at Pine Bluff, 2704 Greenbriar Dr. Jonesboro, AR 72401. seldeng@uapb.edu

4:15 pm CAPACITY BUILDING AND CENTRAL ISSUES IN REDUCING USE AND DETRIMENT OF PLASTICS IN THE MARINE ENVIRONMENT.

 Dana L. Morse, Maine Sea Grant College Program, and University of Maine Cooperative Extension. Darling Marine Center, 193 Clark's Cove Road, Walpole, ME 04573. dana.morse@maine.edu

**Session 4 Posters (listed below)**

4:30 – 6:00 pm Poster session briefings – Poster presenters provide a brief summary of their work to conference participants.

Poster Session Reception – Attendees can ask presenters specific questions about their work during an informal reception setting that encourages professional networking.

USE OF EXTENSION DATA FOR HIGH SCHOOL SCIENCE FAIRS: A CASE STUDY.

Anita M. Kelly, Merci Pena, and Maria Quintero Auburn University, Alabama Fish Farming Center, 529 Centreville St. Greeensboro, AL 36744. amk0105@auburn.edu

Do Shellfish Aquaculturists have a ‘Right to Farm’ in Delaware?

Dennis McIntosh\*, Chris Hauser and Kenneth Kristl. Aquaculture Research and Demonstration Facility, Delaware State University, 1200 N. Dupont Highway, Dover, DE 19901. dmcintosh@desu.edu

WESTERN REGIONAL AQUACULTURE CENTER (WRAC) ACTIVITY UPDATE.

Rossana Sallenavae, New Mexico State University, P.O. Box 30003 MSC 3AE, Las Cruces, NM 88003. rsallena@ad.nmsu.edu

**Wednesday, June 15th** **Tours**

1. Damariscotta
We'll leave the hotel to rendezvous with Chip and Olga of [Damariscotta River Cruises](https://nam04.safelinks.protection.outlook.com/?url=https%3A%2F%2Fdamariscottarivercruises.com%2F&data=05%7C01%7Cfwynne%40uky.edu%7Cab692226375f4eb1067908da2f93e734%7C2b30530b69b64457b818481cb53d42ae%7C0%7C0%7C637874609547087780%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=vGmms67eB7bOE2NedHcguSK9gYR7NpKjEQlTc%2Bbu9g4%3D&reserved=0), for a trip along the Damariscotta River, the heart of the Maine oyster industry.  From there, we'll travel to the Darling Marine Center for lunch, a tour of their waterfront facilities, and to hear about the research and education there. Time and weather-dependent, we may take a detour on the way back to the hotel for some fresh oysters and refreshments, at one of the several oyster-centric restaurants in Damariscotta and Newcastle.

2. Portland and Casco Bay
The day will begin with a walking tour from the hotel to Portland's working waterfront, a 10-15 minute walk. From there, we'll have box lunches available and a trip aboard [Fogg's Water Taxi](https://nam04.safelinks.protection.outlook.com/?url=https%3A%2F%2Ffoggswatertaxi.com%2F&data=05%7C01%7Cfwynne%40uky.edu%7Cab692226375f4eb1067908da2f93e734%7C2b30530b69b64457b818481cb53d42ae%7C0%7C0%7C637874609547087780%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=CQpHFj5OOASRFcR40xvJI%2Bmv8%2FFEmPJE5eW96Dg2wvM%3D&reserved=0), to tour Casco Bay and see some of the aquaculture sites there.

\*\*Please note that both trips involve on-the-water activities. Extra layers of clothing and good footwear are advised: it's almost always cooler on the water, and conditions can change quickly.  There is always the change that poor weather can cancel the boat trips; we'll have to be prepared for what nature throws our way!

**Thursday, June 16th**

7:00 – 8:00 am Continental Breakfast

**Session 5 Shellfish and finfish production**

8:00 – 8:15 am VIRTUAL AQUACULTURE BUSINESS PLANNING.

 W. Christian Brayden\*, Sebastian Belle. Maine Aquaculture Association, 103 Water St. Hallowell, ME 04347. christian@maineaqua.org

8:30 am SMART, SUSTAINABLE SHELLFISH AQUACULTURE MANAGEMENT PROGRAM.

 D. Allen Pattillo\*, Miao Yu, Matt Parker, Don Webster, Cathy Liu, Yang Tao, Yiannis Aloimonos, Nikhil Chopra, Matt Gray, Brian Callam, Bobbi Hudson, and Jonathan van Senten. University of Maryland Extension Wye Research and Education Center, Queenstown, MD 21658. dapatt@umd.edu

8:45 am CONCERNED OYSTERMEN RESTORING ESTUARIES.

 Rusty Grice\*, Ladon Swann and Bill Walton. Mississippi Alabama Sea Grant Consortium, 21541 Coastal Gateway Boulevard, Gulf Shores, AL 36542. Rtg0010@auburn.edu

9:00 am INVESTING IN SUSTAINABLE SHELLFISH LANDSCAPES DURING THE PANDEMIC: A STORY OF CONNECTICUT OYSTERS.

 Tessa L. Getchis\*, David Carey, Sylvain DeGuise, Kristin DeRosia- Banick, Juliana Barrett, Harry Yamalis, Aaron Kornbluth & Alissa Dragan. Connecticut Sea Grant | UConn Extension, University of Connecticut, 1080 Shennecossett Road, Groton, CT 06340-6048. tessa.getchis@uconn.edu

9:15 am CRAWFISH (RED SWAMP AND WHITE RED SWAMP CRAWFISH, *Procambrus clarkii*, GIRARD) PRODUCTION IN THE SOUTH.

 Mark Shirley\* and C. Greg Lutz. LSU Ag. Center and LA Sea Grant. 1105 West Port St. Abbeville, LA 70510. mshirley@agcenter.lsu.edu

9:30 amWHITE SPOT SYNDROME VIRUS AFFECTING RED SWAMP CRAWFISH, *Procambrus clarkii* (GIRARDI) IN LOUISIANA.

 Mark Shirley\* and Mahala Gambill. LSU Ag. Center and LA Sea Grant. 1105 West Port St. Abbeville, LA 70510. mshirley@agcenter.lsu.edu

9:45 amAQUACULTURE IN THE U.S. MIDWEST; ECONOMIC OPPORTUNITY FOR MISSOURI FARMERS?

 D. E. Brune.\* Professor of Bioprocess and Bioengineering Engineering, University of Missouri, 229 Agricultural Engineering Building, Columbia MO 65201. bruned@missouri.edu

10:00 am BEST PRACTICES FOR GROWING YELLOW PERCH INDOORS TO INCREASE SUPPLY CHAIN RESILIANCE AND LOCAL FOOD SECURITY IN RESPONSE TO COVID-19.

 Amy J. Schrank,\* Donald R. Schreiner, and Kieran Smith. University of Minnesota Sea Grant St. Paul, MN 55108 aschrank@umn.edu

10:15 – 10:45 am Break

10:45 am THE RECIRCULATING AQUACULTURE SALMON NETWORK SPAWNS NEW OPPORTUNITY FOR BUILDING CAPACITY OF ATLANTIC SALMON *Salmo salar* RAS PRODUCTION IN THE US.

 Catherine Frederick\*, Yonathan Zohar, John Stubblefield. University of Maryland Extension, Insitute of Marine and Environmental Technology, Baltimore, MD, 21202. cfrederi@umd.edu

11:00 am 2019 – 2020 INTENSIVE AERATION CATFISH VERIFICATION STUDIES FROM ARKANSAS.

Larry W. Dorman, University of Arkansas Pine Bluff – Lake Village Laboratory, 1562C South Hwy 65, Lake Village, AR 71653. **dormanl@uapb.edu**

11:15 am DEMONSTRATION AND TECHNOLOGY TRANSFER OF HATCHERY/NURSERY AND CAGE CULTURE IN THE REPUBLIC OF MARSHALL ISLANDS.

 Ryan S. Murashige\*, James Matayoshi, Sonya Joel, Marshall Robinson, Simpson Bosin, Jabata Titus, Hussein Mein, Mike A. Estandarte and Cheng-Sheng Lee. Rongelap Atoll Local Government 1766 Uliga Road Majuro, MH. 96960. hukilau11@**gmail**.com

11: 30 am A GOLDEN OPPORTUNITY: STRATEGIES TO ACCELERATE GROWTH OF GOLDEN SHINER N*otemigonus crysoleucas* IN MINNESOTA AND OTHER NORTHERN CLIMATES.

 Donald R. Schreiner\* and Amy J. Schrank. University of Minnesota, Minnesota Sea grant College Program, 144 Chester Park Bldg., 31 West College Street, Duluth, MN 55812. schr0941@d.umn.edu

**Session 6 Youth education, skills, and workforce development**

11:45 am Sea Grant Network Curriculum-based Aquaculture Workforce Development Inventory.

 LaDon Swann\*, Kola Garber, Mark Rath, Stephen Sempier, Brianna Shaughnessy, Charles Weirich. Mississippi-Alabama Sea Grant Consortium, Sea Grant Network Aquaculture Liaison, 703 East Beach Dr. Ocean Springs, MS 39564 Ladon.Swann@usm.edu

 12:00 am EDUCATION AND TRAINING PARTNERSHIPS WITH EXTENSION, INDUSTRY, AND REGULATORS IN THE NORTH CAROLINA AQUACULTURE INDUSTRY.

 Bryan Snyder\*, David Cerino, Eric Herbst, Frank Lopez, Chuck Weirich. Jacob Boyd Carteret Community College Aquaculture Technology Program 301 College Circle Morehead City, NC 28557. Snyderb09@gmail.com

12:15 – 1:15 pm Lunch

1:15 pm IT’S HARVEST TIME: EXTENSION INTERNSHIPS PROMOTE SCIENCE AND STRENGETHEN PARTNERSHIPS WITH FLORIDA’S SHELLFISH AQUACULTURE INDUSTRY.

 Angela B. Collins\*, Holly A. Abeels, Vincent Encomio, Ashley R. Smyth, Laura G. Tiu, Chris M. Verlinde, Huiping Yang, Charles F. Sidman and Sherry L. Larkin. University of Florida IFAS Extension & Florida Sea Grant, 1303 17th Street W., Palmetto, FL 34221. abcollins@ufl.edu

1:30 pm VIDEO PRODUCTION EFFORTS TO ENHANCE AQUACULTURE OUTREACH, ENGAGEMENT, AND TECHNOLOGY TRANSFER FROM STATE-OF-THE-ART RESEARCH AND DEMONSTRATION FACILITY.

 Emma Hauser\*, Chris Hartleb, University of Wisconsin-Stevens Point, Northern Aquaculture Demonstration Facility, Bayfield, WI 54814. ehauser@uwsp.edu

1:45 pm Creating a Seaweed Food Safety Training to Support the growing Industry.

Michael Ciaramella\*, Anoushka Concepcion, Catherine Janasie, Stephanie Otts, New York Sea Grant/Cornell Cooperative Extension, 146 Suffolk Hall, Stony Brook, NY 11794-5002. mc2544@cornell.edu

2:00 pm TRAINING FOR ENTRY-LEVEL AQUACULTURE WORKERS IN RHODE ISLAND, USA: TAKING A SUCCESSFUL IN-PERSON MODEL, ADAPTING TO 2022 CHALLENGES, AND GOING DIGITAL.

 Azure Dee Cygler, \* Dr. Robert Rheault, \* Cameron Ennis, \*Ayla Fox, \*Jason Colonies. University of Rhode Island, 220 South Ferry Road, Narragansett, RI 02882. ACygler@uri.edu

2:15 pm THE UF/IFAS TROPICAL AQUACULTURE LABORATORY’S INVOLVEMENT IN YOUTH EDUCATION PROGRAMS.

 Eric J. Cassiano\*, Debbie B. Pouder, Marcy L. Cockrell, Katrina Bayliss, and Charlie M. Culpepper, III, Tropical Aquaculture Laboratory
University of Florida, 1408 24th Street S.E.  Ruskin, FL 33570.
ericcass@ufl.edu

2:30 pm CREATING WORKFORCE PATHWAYS BY EDUCATING YOUTH THROUGH AQUACULTURE.

 Elliot Nelson\*, Dr. Barbara Evans, Center for Freshwater Research and Education, 100 Salmon Run Way, Collaboration Suite 201D, Sault Ste. Marie, MI 49783. elliotne@msu.edu

2:45 pm IMPLEMENTING AQUAPONICS PROJECT-BASED INVESTIGATIONS (APBI) IN K-12 EXTENSION PROGRAMS TO PROMOTE STUDENT INTEREST AND UNDERSTANDING OF STEM CONCEPTS.

 Chelsea Walling\* and Kenneth Thompson, Aquaculture Research Center, Kentucky State University, Frankfort, Kentucky 40601. chelsea.walling@ksyu.edu

3:00 pm KEEP YOUR RECEIPTS TO GENERATE ADDITIONAL EXTENSION DELIVERABLES.

 Matthew A. Smith\* College of Food Agricultural, and Environmental Sciences, OSU Extension, Madison County, 217 Elm St. London, Ohio, 43140. smith.11460@osu.edu

3:15 – 3:45 pm Break

**Session 7 Professional development and promotion**

3:45 pm GETTING PROMOTED IN TODAY’S ACADEMIC ENVIRONMENT.

 Jimmy Avery, Mississippi State University, National Warmwater Aquaculture Center**,** PO Box 197, Stoneville, MS 38776.javery@drec.msstate.edu

4:00 pm DOCUMENTING AND REPORTING OF EXTENSION ACTIVITIES IN SUPPORT OF PROMOTION TENURE DECISIONS AT LAND GRANT – SEA GRANT UNIVERSITIES.

 Michael A. Rice, Department of Fisheries, Animal & Veterinary Science & RI Cooperative Extension, President of URI Faculty Senate (2022-23) University of Rhode Island, Kingston, RI 02881. rice@uri.edu

*4:15 pm* RESEARCH-BASED FARM DEMONSTRATIONS ARE AN EFFECTIVE TOOL FOR EXTENSION PROGRAMS IN AQUACULTURE AND PROVIDE DELIVERABLES REQUIRED FOR EXTENSION FACULTY PROMOTION PACKAGES*.*

Luke A. Roy\* and Anita M. Kelly*.* School of Fisheries, Aquaculture, & Aquatic Sciences, Auburn University, Alabama Fish Farming Center, 529 S. Centreville St., Greensboro, AL 36744. royluke@auburn.edu

*4:30 pm* NATIONAL AQUACULTURE EXTENSION CONFERENCES: PAST, PRESENT AND PLANNING FOR THE FUTURE*.*

Forrest Wynne\* and Dana Morse. Kentucky State University, McCracken County Extension Office, 2025 New Holt Road, Paducah, KY 42001 Forrest.Wynne@kysu.edu

**Friday, June 17th**

7:00 – 8:00 am Continental breakfast

**Session 8 Mentoring and Diversity, Equity, and Inclusion**

8:00-8:05 Opening Remarks

Reginal M. Harrell, Ph.D. – Moderator, Director, Northeastern Regional Aquaculture Center, University of Maryland, rharrell@umd.edu

**Mentoring**

8:05 – 8:30 MENTORING THE NEXT GENERATION OF EXTENSION AGENTS/SPECIALISTS.

 Michael Masser – Texas A&M University – Retired. mmasser@nature.tamu.edu

8:30-8:55 THE OLD COOT: WHAT I HAVE LEARNED IN 38 YEARS IN EXTENSION.

 Jimmy Avery, Mississippi State University, National Warmwater Aquaculture Center**,** PO Box 197, Stoneville, MS 38776**.** javery@drec.msstate.edu

**DEI**

8:55-9:20 INCLUSIVE EXTENSION: IMPROVING STAKEHOLDER ENGAGEMENT AND EXTENSION IMPACT THROUGH RECOGNITION, RESPECT, AND REFLEXIVITY.

 Adriane Michaelis – Aquaculture Social Scientist, Contractor with ECS - NOAA Fisheries Southeast Fisheries Science Center, 75 Virginia Beach Dr., Key Biscayne, FL 33149. adriane.michaelis@noaa.gov

9:20-9:45 ENGAGING STAKEHOLDERS WITH CONSIDERATION FOR ENVIRONMENTAL JUSTICE IN SURROUNDING COMMUNITIES FOR PLANNIN, IMPLEMENTING, AND EVALUATING EXTENSION PROGRAMMING EFFORTS.

 Dr. Lonnie Gonsalves – Division Chief, Stressor Detection and Impacts Division, NOAA National Centers for Coastal Ocean Science, Silver Spring, MD 20910 lonnie.gonsalves@noaa.gov

9:45-10:10

 INSTITUTIONAL CONSIDERATIONS – HOW TO GET YOUR INSTITUTIONOR AGENCY TO WORK WITH YOU ON IMPROVING DEI EXTENSION PROGRAMMING EFFORTS.

 Mr. Norman Pruitt, Director of Human Resources Management, College of Agriculture and Natural Resources, 1119 Symons Hall, University of Maryland, College Park, MD 20742. npruitt@umd.edu

**Panel Discussion**

10:10 - 10:30 am PANEL DISCUSSION ON MENTORING AND WORKING WITHIN A DEI FRAMEWORK, Mentoring and DEI Speakers

 Dr. Reggie Harrell – Moderator

10:30 – 11:30am Wrap up discussion and Program Evaluation

Adjourn