<table>
<thead>
<tr>
<th>Time</th>
<th>MEETING ROOM #1 (Hyatt Place Atrium)</th>
<th>MEETING ROOM #2 (Hyatt Place Atrium)</th>
<th>MEETING ROOM #3</th>
<th>THE COVE (next to the lighthouse, bayside)</th>
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</thead>
<tbody>
<tr>
<td>8:45–9:45 am</td>
<td>Welcome and Plenary Session: Dr. Jack Puleo (The Cove)</td>
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<tr>
<td>Concurrent Session 1 10:00–10:45 am</td>
<td>Ocean Acidification Models and NGSS Bundles — Suzanne Erb, Melissa Rogers, and Chris Petrone</td>
<td>Managing a Global Fishery — David Wehunt</td>
<td>The Use of Participant Data to Inform Programmatic Development and Marketing — Jon Wickert</td>
<td>Using Underwater Robots to Teach Oceanography — Paul Sarandria, Jenny Garcell, Judith Cozart and Ross Creecy</td>
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<tr>
<td>10:45–10:55 am</td>
<td>Networking Break (two locations: Hyatt Place Atrium and The Cove)</td>
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<tr>
<td>Concurrent Session 2 11:00–11:45 am</td>
<td>Suitcase Science: Hands-on Lessons Shipped to Your School — Rachel Riesbeck</td>
<td>Sea Turtle CSI &amp; Digesting Data: Helping Graduate Students Give Teachers an Edge on STEM — Carol Hopper Brill and Lisa Ayers Lawrence</td>
<td>An Open Science Analysis of Climate Change in Chesapeake Bay: Resources for the Classroom — David Jasinski</td>
<td>Using the Technology in Your Pocket for Science Storytelling in the Digital Age — Lisa Tossey</td>
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<tr>
<td>12:00–1:30 pm</td>
<td>Lunch, MAMEA Business Meeting and Awards (The Cove)</td>
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<tr>
<td>Concurrent Session 3 1:45–2:30 pm</td>
<td>Citizen Science: Adventure Awaits! — Andy Gould</td>
<td>Converting Seagrass Research into a Hands-on Lesson Plan — Celeste Venolia and Sarah Nuss</td>
<td>Project Based Learning Marine Science — Tami Lunsford</td>
<td>Gone: fishing? Climate Change and Fish — Pat Harcourt</td>
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<tr>
<td>2:45–3:30 pm</td>
<td>Plenary Session: Dr. Rosa Leon-Zayas (The Cove)</td>
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<td>3:30–3:40 pm</td>
<td>Networking Break (one location: The Cove)</td>
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<tr>
<td>Concurrent Session 4 3:45–4:30 pm</td>
<td>Marine CSI: Coastal Science Investigations — Kimberly Belfer</td>
<td>Bridge DATA Activity: Ghostbusting the Chesapeake — Cecilia Cackowski</td>
<td>Mini-boats To Europe &amp; Beyond — Richard Baldwin and Capt. Andrew Parish</td>
<td>Tying Climate Change into the Life Sciences — Lolita Kiorpes</td>
</tr>
</tbody>
</table>
2016 Mid-Atlantic Marine Education Association annual conference
November 4-6, 2016
Hyatt Place, Dewey Beach, Delaware

www.mamea.org/conf.html

Early bird registration: September 16-30, 2016
Regular registration: October 1-28, 2016

CONCURRENT SESSIONS (session times and room locations, TBD)

Name: Richard Baldwin
Title: Director
Org: Educational Passages
Type: Research/Info

Title: Miniboats to Europe and Beyond

Abstract: Learn how your unmanned miniature sailboat will probably sail across the ocean providing hands on learning experiences in oceanography, marine science, research and more. Imagine the international relations as students Skype with foreign students to figure out how to proceed!

Co-presenter(s): Captain Andrew Parrish, Pilot, Pilots’ Association for the Bay and River Delaware

Name: Kimberly Belfer
Title: Education & Outreach Coordinator
Org: Marine CSI
Type: Hands-on Workshop

Title: Marine CSI: Coastal Science Investigations

Abstract: Two lessons plan resource guides have been developed to assist educators with teaching about coastal marine ecosystems. Sample lessons will be presented through this hands-on workshop session.

Name: Carol Hopper Brill
Title: Marine Education Specialist
Org: Virginia Sea Grant Marine Advisory Program / Virginia Institute of Marine Science
Type: Hands-on Workshop

Title: Sea Turtle CSI & Digesting Data: Helping Graduate Students Give Teachers an Edge on STEM
Abstract: Test two hands-on activities illustrating how scientists are using forensic techniques to investigate problems of sea turtle mortality and blue crab predation. Developed by VIMS graduate students, these resources are supported by VIMS Virginia Scientists and Educators Alliance (VA SEA).

Co-presenter(s): Lisa Ayers Lawrence, Marine Education Program Leader, Virginia Sea Grant Marine Advisory Program / Virginia Institute of Marine Science

Name: Celia Cackowski  
Title: Marine Education Specialist  
Org: Virginia Sea Grant Marine Advisory Program / Virginia Institute of Marine Science  
Type: Hands-on Workshop

Title: Bridge DATA Activity: Ghostbusting the Chesapeake

Abstract: Even when crab pots are lost at sea, they continue to catch animals. Who you gonna call? Watermen! Participants will learn about a unique partnership to remove “ghost” pots, analyze bycatch data, and leave with extension activities for their classrooms.

Name: Suzanne Erb  
Title: Teacher  
Org: St. Andrew’s Day School  
Type: Hands-on Workshop  

Title: Ocean Acidification Models and NGSS Bundles

Abstract: We will use a chemistry lens to investigate how climate change impacts the ocean. This modeling activity uses hands-on molecule-building manipulatives and bundles middle school or high school NGSS DCIs addressing physical science, life science, and earth/space science.

Co-presenter(s): Melissa Rogers, Education Coordinator, MADE CLEAR Project; Christopher Petrone, Marine Education Specialist, Delaware Sea Grant/University of Delaware

Name: Andy Gould  
Title: School Programs Coordinator  
Org: North Carolina Aquarium at Fort Fisher  
Type: Hands-on Workshop

Title: Citizen Science: Adventure Awaits!

Abstract: Get your students involved in hands on learning through citizen science. Explore several science projects that your students can be a part of, and learn how to find the right project for you.
**Name:** Pat Harcourt  
**Title:** Project Manager  
**Org:** MADE CLEAR Project  
**Type:** Hands-on Workshop

**Title:** Gone: fishing? Climate change and fish

**Abstract:** Climate change affects fish distribution, food supply, and growth rates. We will share case studies with data about the impacts of climate change on fish and shellfish in the Mid-Atlantic region, and try out activities for the classroom and shore.

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**Name:** David Jasinski  
**Org:** Chesapeake Environmental Communications  
**Type:** Research/Info

**Title:** An Open Science Analysis of Climate Change in Chesapeake Bay: Resources for the Classroom

**Abstract:** Presentation highlighting the educational resources developed based on the finding of an investigation into climate change impacts in Chesapeake Bay.

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**Name:** Lolita Kiorpes  
**Title:** High School Biology /Environmental Science Teacher  
**Org:** North Point High School  
**Type:** Demonstration

**Title:** Tying Climate Change into the Life Sciences

**Abstract:** Learn new ways to use classroom activities and project-based learning activities that will integrate climate change into the Life Sciences, integrating watershed and ocean health.

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**Name:** Tami Lunsford  
**Title:** Teacher  
**Org:** Newark Charter School  
**Type:** Research/Info

**Title:** Project Based Learning Marine Science

**Abstract:** Come learn the basics of Project-Based Learning, and help create marine science PBLs you can take home!

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**Name:** Rachel Riesbeck  
**Title:** School & Youth Program Specialist  
**Org:** Virginia Aquarium & Marine Science Center
**Type:** Hands-on Workshop

**Title:** Suitcase Science: Hands-on lessons shipped to your school

**Abstract:** Dive into two of our Suitcase Science Kits that can be directly shipped to your school – Sea Turtle Science and Climate Science. Session will highlight activities and resources found in the kits and participants will receive copies of the lesson plans from each kit.

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**Name:** Paul Sarandria  
**Title:** Teacher  
**Org:** Woodrow Wilson High School  
**Type:** Demonstration

**Title:** Using Underwater Robots to Teach Oceanography

**Abstract:** Learn how teachers can use underwater robots to collect water quality data and incorporate that data into Science lessons, allowing students to identify the effects of human activities on Virginia’s watersheds, Chesapeake Bay, and the ocean.

**Co-presenter(s):** Jenny Garcell, Teacher, Woodrow Wilson High School; Judith Cozart, Teacher, Churchland High School; Ross Creecy, Teacher, Woodrow Wilson High School

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**Name:** Lisa Tossey  
**Title:** Communications Assistant  
**Org:** University of Delaware / Delaware Sea Grant  
**Type:** Hands-on Workshop

**Title:** Using the technology in your pocket for science storytelling in the digital age

**Abstract:** Some of the most engaging ways to connect with others about your science is by using basic storytelling techniques and quality imagery. We’ll take a look at how to plan, capture, and produce short videos that highlight your work!

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**Name:** Celeste Venolia  
**Title:** Student  
**Org:** Smith College  
**Type:** Hands-on Workshop

**Title:** Converting Seagrass Research into a Hands on Lesson Plan

**Abstract:** This presentation is a demonstration of a lesson plan designed based on seagrass monitoring that occurs at the Chesapeake Bay National Estuarine Research Reserve in VA. The lesson is centered around the interactions between water quality and seagrass percent cover.
Co-presenter(s): Sarah Nuss, Education Coordinator, Chesapeake Bay National Estuarine Research Reserve in VA

Name: David Wehunt  
Title: Teacher  
Org: Soddy Daisy High School  
Type: Hands-on Workshop

Title: Managing a Global Fishery

Abstract: Students learn what it will take to maintain a fishery in the open ocean outside control of any nation. Besides 6 nations actively fishing the fishery, natural events and personal decisions will influence the outcome.

Name: Jon Wickert  
Title: Chief of Interpretation  
Org: Delaware State Parks  
Type: Research/Info

Title: The Use of Participant Data to Inform Programmatic Development and Marketing

Abstract: This session will explore the various data collection mechanisms utilized by the programming section of Delaware State Parks, what the data reveals about participants, data gaps, and how the data can be used to increase program attendance and quality.

See you at #mamea16 in Dewey Beach!