



2017 TWSBA Conference Schedule

26-29 April 2017
Chesapeake Bay Maritime Museum
St. Michaels, Maryland



Wednesday, 26 April - Arrival and Registration

Time	Bay History Building	Small Boat Shed South	Small Boat Shed North	Boat Shop	Oystering Building	Steamboat Building	Under Lighthouse	On Waterfront	Off Campus	
14:00 - 18:00	Registration	Orientation and enjoyment of the Museum								
16:00 - 17:45	How to use this schedule: Schedule Periods are shown in Rows <---> Session Locations are shown in Columns								Museum & Distillery Tour	
18:00 - until									Dinner @ Local Restaurants	

Thursday, 27 April - First Day of Conference Sessions

Time	Bay History Building	Small Boat Shed South	Small Boat Shed North	Boat Shop	Oystering Building	Steamboat Building	Under Lighthouse	On Waterfront	Off Campus
08:00 - 09:45	Coffee & Registration								
Period 1 10:00 - 11:45	<u>Lofting & Measurement</u>	<u>Which Skiff for You? Pros Cons, Costs & Use for Teaching</u>		<u>Skin-on-frame Stand Up Paddleboards</u>		<u>Ladders of Opportunity: Making Connections to Post-Secondary Education & Career Training</u>			
Lunch 12:00 - 13:30						Box Lunch for Participants			
Period 2 14:00 - 15:45	<u>Connecting Students to History</u>	<u>Success with St. Ayles Skiffs</u>		<u>Against the Grain: the Science of Wood</u>	<u>Talk to the Experts</u>	<u>Cooperative Programming: connecting different maritime programs in a community</u>			
Period 3 16:00 - 17:45		<u>Many Oars, Many Choices: Various Boats to Consider for Team Rowing</u>	<u>Solo Drifter: a Simple Project with Extras (1 Of 3)</u>	<u>Against the Grain: the Science of Wood</u>	<u>Talk to the Experts</u>			Get Out and Row; Sail, Paddle, Ride a Skipjack, or just sit on the dock!	
Dinner 18:00 - until						Dinner & Presentation: <u>The Edna Lockwood Project</u>			

Friday, 28 April - Second Day of Conference Sessions

<u>Time</u>	<u>Bay History Building</u>	<u>Small Boat Shed South</u>	<u>Small Boat Shed North</u>	<u>Boat Shop</u>	<u>Oystering Building</u>	<u>Steamboat Building</u>	<u>Under Lighthouse</u>	<u>On Waterfront</u>	<u>Off Campus</u>
08:00 - 08:45	Coffee								
Period 4 09:00 - 10:45	<u>Tow Tanks: the Next Steps</u>	<u>Integrating a Boat Livery Into Your Program</u>		<u>Teaching Adults Boat Building: How Can It Help Your Organization ?</u>	Sponsor Session; Jamestown Distributors	<u>Cooperative Programming: connecting different maritime programs in a community</u>			
Period 5 11:00 - 12:00		<u>Meet Your TWSBA Community: Program Presentations & Spontaneous Interaction</u>							
Lunch 12:00 - 13:30						Box Lunch for Participants			
Period 6 14:00 - 15:45	<u>Ladders of Opportunity: Making Connections to Post-Secondary Education & Career Training</u>			<u>Dugouts & Log Canoes</u>		CBMM Collaborating with Regional Schools			
Period 7 16:00 - 17:45	<u>Building Sailing Models of Bevin's Skiff</u>		<u>Solo Drifter: (2 of 3)</u>		<u>Hiring Your Graduates</u>	<u>Maritime Career Guide: Publishing Regional Guides for Your Organization's Use</u>			<u>Visiting Calhoun Training Center</u>
Dinner 18:00 - until						<u>Dinner & Presentation: The MONITOR Conservation Effort</u>			

Saturday, 29 April - Third Day of Conference & Wrap-up

<u>Time</u>	<u>Bay History Building</u>	<u>Small Boat Shed South</u>	<u>Small Boat Shed North</u>	<u>Boat Shop</u>	<u>Oystering Building</u>	<u>Steamboat Building</u>	<u>Under Lighthouse</u>	<u>On Waterfront</u>	<u>Off Campus</u>
08:00 - 09:45	Coffee								
Period 8 09:00 - 10:45	<u>Demonstrating the TWSBA Website</u>		<u>Solo Drifter: (3 of 3)</u>	<u>Blacksmithing for Boatshops</u>	<u>Youth Development</u>	<u>Progress on the PORCUPINE</u>			
Period 9 11:00 - 12:00		<u>Listening to Your Students: Get Their Perspectives</u>	<u>Integrating Kit Boats Into Your Educational Program</u>		<u>The Longship Company Experience: Learning From Longboats</u>	<u>Adaptive Sailing</u>			
Lunch 12:00 - 13:30						Box Lunch for Participants			

Saturday, 29 April - Third Day of Conference & Wrap-up

Period 10 14:00 - 15:45	TWSBA's Future								Return home safely, enriched.
-------------------------------	-------------------	--	--	--	--	--	--	--	-------------------------------------

Session Details: (Sessions listed in alphabetic order by title.)

Session Title	Session Leader(s)	Panel Members
	Description of Session	
Adaptive Sailing	Lance Hinrich, CRAB	Rich Eisenberg, BMC
	Learn to adapt your programs and projects to include those with disabilities. Lance will share his experience offering adaptive sailing programs, and enjoying their benefits. A sample boat, suited for adaptive programs and presentation materials on other boats and activities will be incorporated in this presentation. Join the discussion to learn how you can make your programs more inclusive.	
Against the Grain; the Science of Wood	Dr. Richard Jagels, Prof. Emeritus UME	Two Sessions; supported by CBMM Volunteers
	Learn about wood from the expert. Prof. Jagels writes for WoodenBoat Magazine and is the person to contact if you want to learn about the materials we use. Join either of two sessions on this subject and learn about hands-on experiments that you can bring back to your organization to introduce your students to the nature of wood, how we use it, and why. These hands-on sessions will take place in a workshop environment with materials on-hand.	
Blacksmithing for Boatshops	Bruce Blackistone, Longship Co., and Michael Wilson	CBMM Staff and Volunteers
	CBMM has invested in a new small forge. There are many situations where forged fittings and fixtures are useful and economical for boats and waterfront projects. Blacksmithing offers useful hands-on experience and is appealing to all ages. Come learn the basics and see how to get your organization's small forge program started.	
Building Sailing Models of Bevin's Skiff	Richard Feeney, New Bedford	Matthew Cupples, APS; Kyle Godfrey; David Fawley, CAT; Joe Youcha, Building-To-Teach.
	Hundreds of these simple plank-on-frame models have been built in middle school, high school, and after-school programs. Hear from the teachers how these inexpensive projects teach most of the skills necessary to build the full-size boat, and the benefit of every student taking a boat home.	
CBMM Collaborating with Regional Schools	Jennifer Kuhn, CBMM	
	CBMM, like many TWSBA organizations has had success working with local school programs. Come to this session to learn what challenges were overcome, what approaches worked best, and future plans.	
Connecting Students to History	Pete Leshner, CBMM	Jennifer Kuhn, CBMM
	CBMM programs provide examples of hands-on projects that are challenging, fun, and provide historical context. Why not learn history through building boats with connections to the past? After the session you can explore some of the historic boats at the Museum.	

Session Details: (Sessions listed in alphabetic order by title.)

<p>Cooperative Programming; connecting different maritime programs in a community</p>	<p>Dr. Art Sulzer, TWSBA Steering Comm.</p>	<p><u>Period 2 Session:</u> John Brady, Independence Seaport; Murray Fisher, Harbor School Foundation; Keith Christopher (or delegate), BSA; Rick Brown, Maritime Academy of Toledo. <u>Period 4 Session:</u> Dr. Bethany Wiggin, Prof, UPENN; Rosemary Carroll, Delaware Maritime Taskforce; Rich Eisenberg, BMC; Bill Sabatini, Tall Ship NIAGARA.</p>
<p>These two panels will explore how different community groups (including museums, public schools, boat builders, professional organizations, civic organizations, and employers) can come together for a common goal and still advance their individual organization's goals. Groups that have come together will share their thoughts and experiences on recent projects. Looking for another organization to team with? Wondering how to work more effectively with a local primary or secondary schools hear what some schools are doing. Hear how some organizations are working with schools in ways that help students strengthen their academic skills and develop self- confidence and awareness of the maritime and marine science careers.</p>		
<p>Dugouts & Log Canoes</p>	<p>Matt Engle, CBMM</p>	<p>Jennifer Kuhn, CBMM</p>
<p>In this hands-on activity learn from the experts at CBMM how dugouts and log canoes indigenous to the Chesapeake Region were constructed. You are invited to explore both the traditional and modern from fire and oyster shells to adzes. Learn about the ongoing restoration of Edna Lockwood, a 9-log-hulled vessel, last one of her kind and historic landmark, while drawing connections in the evolution of boat building from small boats like the dugout to larger vessels like the Bugeye and Skipjack.</p>		
<p>Hiring Your Graduates</p>	<p>Adam Green, Rocking the Boat</p>	
<p>Hear an experienced educational boatbuilder discuss the pros and cons of hiring students from your own program. Learn about the best practices. If you have an Apprentice or other type of student program and have considered or actually hired your students, come to this session and share your experience.</p>		
<p>Integrating a Boat Livery into your Program</p>	<p>Rebecca Hopfinger, ABM</p>	<p>Nick Pagan,</p>
<p>Several TWSBA organizations offer their constituents boats to use, either as members or for rent. Come to this session and learn about the experiences of the Center for Wooden Boats, the Apprenticeship, the Philadelphia Maritime Museum, Bertram's Gardens, and others. Formulate some best practices to follow and build a contact list that you can use as you develop a livery at your organization.</p>		
<p>Teaching Adults Boat Building; How Can It Help Your Organization</p>	<p>John C. Harris, CLC Boats</p>	<p>Jennifer Kuhn, CBMM; Wayne Babjack, United Brotherhood of Carpenters.</p>
<p>This session will describe case studies for avocational and vocational instruction. John Harris will facilitate a discussion of adult programs and strategies for success. Learn about the distinctions that make adult programming work, and fit in with your other projects.</p>		

Session Details: (Sessions listed in alphabetic order by title.)

<p>Lofting & Measurement</p>	<p>Inka Petersen, Cass Gidley Marina, Sausalito Community Boating Center</p>	
<p>Many Oars, Many Choices; Various Boats to Consider for Team Rowing</p>	<p>Rich Eisenberg, BMC</p>	<p>A hands-on session addressing the techniques, concepts, and teaching opportunities involved in the important first steps of boatbuilding and boat repair projects, lofting and measuring.</p>
<p>Demonstrating the TWSBA Website</p>	<p>Tony Archino</p>	<p>The St. Ayles Skiff is a wonderful boat, but there are other similar boats to consider. Join this session and learn about some similar boats, communities that support them, and the events they conduct.</p>
<p>Ladders of Opportunity; Making Connections to Post-Secondary Education & Career Training</p>	<p>Dr. Art Sulzer, TWSBA Steering Comm.</p>	<p><u>Period 1 Session:</u> Carleen Lyden-Kluss, ED, North American Marine Environmental Protection Assoc.; Bart Rogers SIU Lundeberg School of Seamanship; Mike Alfultis, SUNY Maritime College; Sarah Janes, San Jacinto Community College; Nathan Hauser, Moran Towing of Philadelphia. <u>Period 6 Session:</u> Dr. Arthur Sulzer, MPSEC; Elizabet Stevenson, Mass Maritime Academy; Dave Bell, Maritime Academy Charter School of Philadelphia; Bill Nimke; Wayne Babjack, United Brotherhood of Carpenters.</p>
		<p>Recent improvements and future plans for the TWSBA website will be reviewed. Join the discussion to learn about the resources and contribute your ideas.</p> <p>The panel will share their experiences of creating student interest, awareness and preparation to advance to various post-secondary education institutions, training and apprentice programs to prepare for a career. These various opportunities provide students opportunities to advance to direct employment and careers.</p>

Session Details: (Sessions listed in alphabetic order by title.)

Listening to Your Students; Get Their Perspectives	Inka Petersen, Cass Gidley Marina, Sausalito Community Boating Center	Several graduates of TWSBA Programs
	TWSBA Programs must reach a variety of people. Instructors may have different backgrounds and perspectives from those in the served community. Come join this panel to explore how your organization might remove barriers, strengthen connections, and increase effectiveness among participants, leaders, and volunteers. Understand where your students are coming from and how to talk to them. Graduates will share their experiences and answer questions.	
Maritime Career Guide; Publishing Regional Guides for Your Organization's Use	David Helgerson, TWSBA Steering Comm.	
	At the last TWSBA Conference, in Port Townsend, we learned about CWB's Maritime Career Guide and its value in guiding students towards careers and appropriate educational pathways. TWSBA seeks to use the Northwest Maritime Career Guide as a model and collaboratively prepare similar guides for other regions in the United States. Come learn about these plans and offer your assistance.	
Meet Your TWSBA Community; Program Presentations & Spontaneous Interaction	Scott Rizzo, TWSBA Steering Comm.	
	Attend this session and hear presentations on the latest projects at other organizations. Ask questions and learn. Bring your own presentation. Talk to TWSBA members and see what happens.	
Museum & Distillery Tour	Jennifer Kuhn, CBMM	Assistance from CBMM Volunteers
	Participants may tour the museum and then tour a local distillery; walk to distillery, carpool, or catch a ride in a CBMM vehicle (look for logistics details at registration.)	
Progress on the PORCUPINE	Rich Eisenberg, BMC	
	Rich will provide an update on BMC's PORCUPINE project. Come see some great pictures of their new vessel and its development. Learn about the challenges of building a sail training vessel.	

Session Details: (Sessions listed in alphabetic order by title.)

Skin-on-frame Stand Up Paddleboards	Adam Burke	
	Adam Burke has developed a line of five different models of skin-on-frame SUPs. They are great building projects in the shop for varying sizes of groups with different abilities. They are really inexpensive to build and they really perform! Come experience how to frame and skin one. Then try one out!	
Solo Drifter; a Simple Project with Extras	Scott Rizzo, TWSBA Steering Comm.	Youth from a local school
	Scott Rizzo has designed (and built with his students) a new small boat that offers some unique features for educational boatbuilding. Watch local students build this boat at the Conference. If you are an expert, add your two cents; if your organization is looking for a new project boat, come see if this is the one.	
Success with St Ayles Skiffs	Rich Eisenberg, BMC	
	Come to this session and learn about the St. Ayles Skiff, how to build them, and how to use them in your program. Hear from experts from the UK. See an example and talk to organizations that have built them to learn about cost, the degree of difficulty, and successful ways to schedule the build.	
Talk to the Experts	Jake Beattie, TWSBA Steering Comm.	Various Steering Committee Members; Other Subject Matter Experts; and Insurance Experts.
	This session provides an opportunity for individuals to ask questions of the gurus of the educational boatbuilding community. Find out how to get started. Learn about best practices. Obtain some great contact info. Learn about insurance choices. Bring your concerns and challenges to the experts and get some advice.	
The EDNA LOCKWOOD Project	Todd Croteau, NPS	
	This dinner presentation will entertain and inform you regarding a recent boat restoration at CBMM.	
The Longship Company Experience; Learning from Longboats	Bruce Blackistone, Longship Co.	
	For over thirty years the Longship Company has introduced participants of all ages to team rowing and sailing of longboats, and to the history of the type. Bruce will describe the best practices that his organization follows. Come see one of the organization's longboats, see pictures of Longship Company activities, and investigate how you might leverage their experience in your organization.	
The MONITOR Conservation Effort	Will Hoffman	
	Learn about the conservation efforts on the historic MONITOR during Friday night's dinner.	

Session Details: (Sessions listed in alphabetic order by title.)

<p>Tow Tanks; the Next Steps</p>	<p>Paul Miller, USNA</p>	<p>David Fawley, CAT; Roger Compton, Naval Architect & Dean Emeritus from Webb Institute</p>
<p>Small tow tanks offer educational projects that are fun and integrate well with other educational boatbuilding projects. The session at the last Conference demonstrated an easily constructed tank, the associated equipment, and how to build suitable test models. In this session, we will learn more about how organizations are using tow tanks, available program resources, and next steps. Other types of tanks will be demonstrated. Come get your hands wet and test some boats.</p>		
<p>TWSBA's Future</p>	<p>The TWSBA Steering Committee</p>	
<p>At the end of the Conference, the Steering Committee will gather the participants to look ahead and seek consensus regarding the future of TWSBA. Where shall we meet next time? What topics are most important? What resources need development? A key topic to address is incorporation as a 501C3 organization, the benefits incorporation offers, and an approach to investigate, define, and achieve that goal.</p>		
<p>Visiting the Calhoun Training Center</p>	<p>Dr. Art Sulzer, TWSBA Steering Comm.</p>	<p>MEBA Union Members & Staff</p>
<p>Visit the nearby Calhoun Training Center, a modern maritime training facility for US Merchant Mariners. See simulators, diesel engines, marine machinery, welding training facilities, and more. Learn about the rewarding career opportunities in the marine/maritime world. Discuss collaboration opportunities with Maritime Unions.</p>		
<p>Which Skiff for You? Pros, Cons, Costs & Use for Teaching</p>	<p>Rich Scofield, CBMM</p>	<p>Bella Skiff; Bevins Skiff; Eastport Dinghy; Echo Bay Skiff; 6 Hour Canoe; and more.</p>
<p>The strengths of a variety of "skiffs" will be discussed by educators who have experienced their effectiveness as teaching tools. Examples of the boats will be in the water to try out, as well. Join this session and share your experiences, hear from others, learn about boats your organization may want to try, and then get on the water.</p>		
<p>Youth Development</p>	<p>Adam Green, Rocking The Boat</p>	
<p>Youth Development Teaching ^ with Small Boats: What is Youth Development and why are small boats such a perfect medium for it? Exploring the divide between programs with academic goals, those being used with mandated populations for job training, and those being used with mainstream, if not underserved, audiences for the much less measurable goal of "youth development."</p>		

Chesapeake Bay Maritime Museum Campus Facilities Map

Welcome to the Chesapeake Bay Maritime Museum

Explore our 18 acre waterfront campus and discover how people live, work, and play on the Bay.

Your paid admission is good for two days! Keep your sticker visible and come and go until closing time.

The Museum has ample seating, with benches and picnic tables located throughout campus.

Highlights Tour (90 minutes or less)

Suggested itinerary of highlights for an express tour.

- 1 **Working Boatyard:** Watch and interact with real shipwrights as they restore and build wooden boats.
- 2 **1879 Hooper Strait Lighthouse:** Climb to the top of this screw-pile lighthouse and experience the life of a lighthouse keeper.
- 3 **Waterman's Wharf:** Pull up an eel pot, catch some blue crabs, or long for oysters.
- 4 **Oystering on the Chesapeake:** Climb aboard a real skipjack and step into the world of a Chesapeake Bay waterman.
- 5 **Floating Fleet:** Check out the largest collection of Chesapeake Bay watercraft in the world. (During colder months, boats are moved around the harbor)

Enhanced Tour (3-4 hours)

Add these engaging exhibits to your highlights tour.

- 6 **Ther:** Kids can play in the pilot house of this 1942 bayboat.
- 7 **At Play on the Bay:** Explore how the Bay has changed over the last 100 years from a place of work to a place of play.
- 8 **Small Boat Shed & Maryland Crabmeat Company:** Discover the re-created interior of a crab-picking plant and a collection of boats once used in the fisheries.
- 9 **Steamboat Building:** Features rotating exhibits through 2015: *Push and Pull Life on Chesapeake Bay Tugboats*, *Nonjacking Freedoms: The War of 1812 on the Chesapeake*, *Michell House & Hairloom Garden:* Escape in history at Frederick Douglass's sister's home and our herbloom garden.
- 10 **Corn Crib:** Take a closer look at the hand-made gunning boats harpers used to catch their daily limit.
- 11 **Waterfowling:** Learn why the Bay attracts flocks of migrating birds and the sport, industry, and art they have inspired.
- 12 **Bay History/Model Guide:** Examine the role the Chesapeake Bay has played in the nation's history. CBMM's Model Guide works on model boat projects.

Additional Historical Structures:

- 13 **Point Lookout Tower:** Point Lookout Lighthouse and this accompanying tower once guided vessels into the Potomac River.
- 14 **Tobacco Beach Bandstand:** Once located at one of the Bay's most popular summer resorts, Tobacco Beach.

MAP KEY

- Highlights Tour (90 minutes or less)
- Enhanced Tour (3-4 hours, includes highlights)
- Welcome Center, Museum Store, Administration Buildings
- Touch & Explore: Family Activities
- Ask the Welcome Center for one of a free Family Bag, with interactive games & activities for you to use with your kids during your visit. For ages 7 & under.
- Restrooms
- Water Fountains
- First Aid Kit
- On-the-Water Activities & Boat Rides
- Indicates air conditioned / heated buildings (See listing of buildings and exhibits on the left)
- Additional Information
- Leashed pets are welcome, but not permitted inside exhibits, with the exception of service dogs. Chase-up bags and water are available.
- Campus is handicapped-accessible with the exception of the Hooper Strait Lighthouse and the observation deck in the Boatyard.
- After your visit, follow Hominycon Bridge to the shops of St. Michaels! Visit stmicchaids.org for more information.