

2019 Teaching With Small Boats Alliance/Museum Small Craft Association Conference



2862

Antique Boat Museum Archives

Program Catalogue

Alexandria Seaport Foundation

Name of specific program – Apprentice Program

The Apprentice Program is a workforce development program which serves young people between the ages of 16-22 in need of direction. Through adult mentoring, project-based learning and the craft of wooden boat building, ASF provides the educational, life and career skills necessary to both secure and maintain employment.



ASF uses a 3-phase curriculum, with each phase addressing equal amounts of hard and soft skills. Apprentices take yoga twice weekly to learn mindfulness and anger management skills, learn basic rowing and sailing and do externships two months prior to graduating to ease the transition into full time employment off site. The program operates Monday-Friday from 8:00-4:00 PM. Graduate apprentices have enjoyed work in hospitality, construction/contracting, heating and air-conditioning, technology, boat building and boat transportation. ASF serves approximately 18-20 apprentices annually.

Program Statistics (Annual by FY):

	Other Adults	Young Adults	Adolescents	Preteens	Other Children
Approximate Age Level	>25 yrs	19-25	13-18	10-12	<10
Number of Participants	0	10	2	0	0
Number Achieving Program Goal					

Size of Budget (Total Operating Budget)	\$555,000
Number of Employees	4
Number of Volunteers	20
Boat Designs You Build	Variety of wooden boats, ranging from 12-30'
Boat Designs You Use	Bevin Skiff

Organization Contact Info:

Main Contact Name	Kathy Seifert
Address (Street)	PO Box 25036
Address (City, State, Zip)	Alexandria, VA 22313
Phone Number	703-778-0977
Website	Alexandriaseaport.org
Email	seifert@alexandriaseaport.org

All Hands Boatworks, Inc.

S.T.E.A.M. BOAT LEARNING

Project-based, hands-on educational programs conducted on-site during school, after-school, or at AHB's Shop. (Grades 5-10). Contextual, maritime projects tailored to reinforce character development, academic competencies, and technical skills. Small and large projects, such as boatbuilding integrate hand, head, and heart learning.



Real Apprenticeships For Teens (RAFT)

Advanced boatbuilding and job skills/mentoring program for teens (ages 13-17). Trimester-long, after-school program. Linked with career exploration, summer camps, and on-water activities. Matched with paid summer internship program.

ApprenticePREP (new)

A six- to twelve-month training program to provide skills development and employment placement for young adults, ages 18-22. Youth build tangible and transferable skills, knowledge, and work ethic through apprentice-style experiences in the construction, repair, and use of small wooden craft.

Program Statistics (Annual by FY):

	Other Adults	Young Adults	Adolescents	Preteens	Other Children
Approximate Age Level	>25 yrs	19-25	13-18	10-12	<10
Number of Participants	10	10	235	85	0
Number Achieving Program Goal	5	9	230	85	0

Size of Budget (Total Operating Budget)	\$311,000
Number of Employees	6
Number of Volunteers	15
Boat Designs You Build	11
Boat Designs You Use	7

Organization Contact Info:

Main Contact Name	William Nimke
Address (Street)	2042 W. Ranch Rd. (<i>mailing address</i>)
Address (City, State, Zip)	Mequon, WI 53092
Phone Number	262-290-0228
Website	www.allhandsboatworks.org
Email	bill@allhandsboatworks.org

Buffalo Maritime Center

Hand-to-Hand Student Boatbuilding Program

Buffalo Maritime Center’s Hand-to-Hand student boatbuilding program uses wooden boatbuilding as a tool to practice STEM Principles and life skills.

Under the guidance of trained mentors, BMC Hand-to-Hand students:

- Learn real-life applications of STEM (Science, Technology, Engineering, Math) and design principles
- Understand and display the importance of craftsmanship
- Properly use hand and power tools and various materials
- Demonstrate safety awareness, communication-skills, self-confidence, and heightened levels of curiosity
- Engage in problem-solving skills and techniques through experiential learning
- Have pride in something that they’ve built with their hands



Program Statistics (Annual by FY):

	Other Adults	Young Adults	Adolescents	Preteens	Other Children
Approximate Age Level	>25 yrs	19-25	13-18	10-12	<10
Number of Participants			100		

Number of Employees	3
Number of Volunteers	16 volunteer mentors for the H2H Program
Boat Designs You Build	6-Hour Canoe, Olmsted Skiff, St. Ayles Skiff
Boat Designs You Use	6-Hour Canoe, Olmsted Skiff, St. Ayles Skiff

Organization Contact Info:

Main Contact Name	Brian Trzeciak
Address (Street)	90 Arthur St.
Address (City, State, Zip)	Buffalo, NY 14207
Phone Number	716.881.0111
Website	www.buffalomaritimecenter.org
Email	brian@buffalomaritimecenter.org

Building To Teach

Training Hands On Math Instructors

Building To Teach trains instructors to enable their students to learn math through hands-on projects: opening the door to higher education and better jobs.



Since 2012, over 950 instructors from all 50 states and 24 countries participated in online/ digital B2T instruction. Annually, these instructors serve approximately 15,000 students. Using pre- and post-tests since 2015, a sample of 1,000 students shows an average increase of 25.5% in measured math skills.

Program Statistics (Annual by FY):

Size of Budget (Total Operating Budget)	\$60,000
Number of Employees	1
Boat Designs You Use	Bevin's Skiff

Organization Contact Info:

Main Contact Name	Joe Youcha
Address (Street)	2641 N. Richmond Street
Address (City, State, Zip)	Arlington, VA 22207
Phone Number	703 283 5097
Website	www.buildingtoteach.org
Email	jyoucha@buildingtoteach.org

Cleveland Amateur Boatbuilding & Boating Society (CABBS)

After-School Boatbuilding Program

CABBS offers students of the Davis Aerospace and Maritime High School (a Cleveland public school) an after-school boatbuilding program. Volunteers teach skills such as surface prep and painting, basic woodworking, and engine mechanics. Students gain life-time skills related to personal boat ownership and home improvement.



Cleveland
Amateur Boatbuilding
and Boating Society

As students gain fundamental skills they move on to boat construction and design. Students have access to a CNC router to cut out plywood panels for the design they will build.



Students learn to read boat plans by designing a boat of their own. Currently, students are designing a small harbor/marina clean-up boat optimized to get into small areas where debris accumulates.

Program Statistics (Annual by FY):

	Other Adults	Young Adults	Adolescents	Preteens	Other Children
Approximate Age Level	>25 yrs	19-25	13-18	10-12	<10
Number of Participants			6		
Number Achieving Program Goal			6		

Size of Budget (Total Operating Budget)	\$1,000
Number of Employees	0
Number of Volunteers	4
Boat Designs You Build	Bevins skiff, Colin Angus Expedition Rowboat Student designed harbor clean-up boat
Boat Designs You Use	

Organization Contact Info:

Main Contact Name	Ed Neal
Address (Street)	4079 Porter Rd.
Address (City, State, Zip)	Westlake, OH 44145
Phone Number	440-871-0334
Website	Cabbs.org
Email	cabbsmail@gmail.com

Cleveland Amateur Boatbuilding & Boating Society (CABBS)

Boatbuilding Basics Workshop

In February 2020, CABBS will host its third annual Boatbuilding Basics Workshop in which participants learn hands-on by building Six-Hour Canoes. The 16 participants work in teams of four building four boats over five consecutive Saturdays. All materials and tools are supplied by CABBS.



Cleveland
Amateur Boatbuilding
and Boating Society



Once construction is completed, each boat is raffled off to one of the four on the team. The new owner picks the colors and paints the boat over two additional Saturdays.

The boats are built at the CABBS workspace which can accommodate four boats under construction.

Program Statistics (Annual by FY):

	Other Adults	Young Adults	Adolescents	Preteens	Other Children
Approximate Age Level	>25 yrs	19-25	13-18	10-12	<10
Number of Participants	16				
Number Achieving Program Goal	16				

Size of Budget (Total Operating Budget)	\$3,000
Number of Employees	0
Number of Volunteers	6
Boat Designs You Build	Six-Hour Canoe
Boat Designs You Use	

Organization Contact Info:

Main Contact Name	Ed Neal
Address (Street)	4079 Porter Rd.
Address (City, State, Zip)	Westlake, OH 44145
Phone Number	440-871-0334
Website	Cabbs.org
Email	Cabbsmail@gmail.com

Carpenter's Boat Shop

Nine-Month Apprenticeship

The Carpenter's Boat Shop, founded in 1979, offers a nine-month apprenticeship in the building of wooden boats as a means to deepen apprentices' understanding of self and others. Our programming centers around a residential community focused on respect, responsibility, service to others, and personal growth. Through the daily work of building traditional wooden boats and preparing meals, through service to others, through the practice of living together in community, and through discussions and reflection, we seek to cultivate compassion, care, and resilience for whatever directions our apprentices' lives may take next.



Program Statistics (Annual by FY):

	Other Adults	Young Adults	Adolescents	Preteens	Other Children
Approximate Age Level	>25 yrs	19-25	13-18	10-12	<10
Number of Participants	4	6			
Number Achieving Program Goal	4	6			

Size of Budget (Total Operating Budget)	\$400,000
Number of Employees	6
Number of Volunteers	15
Boat Designs You Build	Monhegan Skiff, Catspaw Dinghy, peapods, Rangelys, sailing dories, semi-dories, others
Boat Designs You Use	Boothbay Harbor 1-design, Buzzard's Bay 19, Haven 12-1/2

Organization Contact Info:

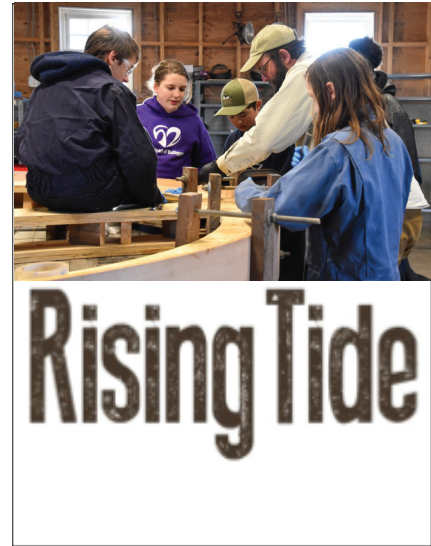
Main Contact Name	Sarah Highland, Instructor
Address (Street)	440 Old County Road
Address (City, State, Zip)	Pemaquid, ME 04558
Phone Number	(207) 677-2614
Website	carpentersboatshop.org
Email	sarah@carpentersboatshop.org

Chesapeake Bay Maritime Museum

Rising Tide

Rising Tide teaches students basic boatbuilding and woodworking skills in a welcoming, relaxed environment. The program works to inspire participants to develop a sense of self-confidence and pride, and facilitate mentorships that provide guidance and support. Students of the program will be encouraged to become more academically prepared to achieve long-term success, whether on a college track or vocational emphasis, having gained skills in mathematics, engineering, team building, and project management.

The program accommodates a rolling enrollment of 12 students daily, 4 days a week, plus special events and summer programming.



Program Statistics (Annual by FY):

	Other Adults	Young Adults	Adolescents	Preteens	Other Children
Approximate Age Level	>25 yrs	19-25	13-18	10-12	<10
Number of Participants			Approx 25	Approx 25	
Number Achieving Program Goal	12 students per day, full sessions.				

Size of Budget (Total Operating Budget)	\$150,000/year
Number of Employees	2
Number of Volunteers	2
Boat Designs You Build	Chesapeake-Type Watercraft
Boat Designs You Use	Chesapeake-Type Watercraft, kayaks

Organization Contact Info:

Main Contact Name	Kristen Greenaway
Address (Street)	213 N. Talbot St.
Address (City, State, Zip)	St. Michaels, MD 21663
Phone Number	410-745-2916
Website	cbmm.org
Email	kgreenaway@cbmm.org

Chesapeake Bay Maritime Museum

Shipwright Apprenticeship Program

This four-year apprenticeship program was registered in 2018 by the U.S. Department of Labor and the Maryland Department of Labor, Licensing & Regulation, and covers 8,000 hours of real work experiences, including instruction and training on joinery techniques, welding and fabrication, ship layout, ship repair and construction, boat handling and sea time, as well as leadership, management and skill development. Apprentices receive a living stipend, health insurance, paid time off and housing.



Program Statistics (Annual by FY): 9/2018-9/2019

	Other Adults	Young Adults	Adolescents	Preteens	Other Children
Approximate Age Level	>25 yrs	19-25	13-18	10-12	<10
Number of Participants	3	1			
Number Achieving Program Goal	4 total	18 & up			
Size of Budget (Total Operating Budget)	\$196k				
Number of Employees	6 - Manager, Shipwright, 4 apprentices				
Number of Volunteers	2-5				
Boat Designs You Build (Restore)	1912 historic river tug				
Boat Designs You Use (Maintain)	Chesapeake Bay crab/oyster tongers, dredgers				

Organization Contact Info:

Main Contact Name	Jennifer Kuhn
Address (Street)	213 N.Talbot St
Address (City, State, Zip)	St. Michael's, MD 21663
Phone Number	410-745-4980
Website	cbmm.org
Email	jkuhn@cbmm.org

Additional Data: This program has expanded from a loose one to two year apprenticeship to a four year accredited program which no longer requires participants to have attended a boat building program. Since the Apprenticeship's conception in 2001 CBMM has employed 48 apprentices most who are still presently working in the maritime trade. Funding includes apprentice salaries, housing, insurance, outside training and certifications, maintenance and management of the program and 10% of shipyard supplies.

Chesapeake Bay Maritime Museum

Apprentice for a Day

CBMM offers a number of hands-on programs in the Shipyard throughout the year through its Apprentice for a Day Program. These include demonstrations, workshops, intensives with visiting master craftsmen and women, on-the-water experiences, and customizable programming.



Programs include but are not limited to the fundamentals of boat building, beginning and intermediate woodworking courses, women's only classes, paddle and oar making, rigging, and sail making, navigation, metal casting, forging, diesel mechanics, customizable programs for school groups and corporate events.

Program Statistics (Annual by FY): 1-9/2019

(If you have additional detail of interest, please add at bottom.)

	Other Adults	Young Adults	Adolescents	Preteens	Other Children
Approximate Age Level	>25 yrs	19-25	13-18	10-12	<10
Number of Participants	359	19	3	6	8
Number Achieving Program Goal					

Size of Budget (Total Operating Budget)	\$13,000
Number of Employees	1
Number of Volunteers	8
Boat Designs You Build	Chesapeake bay crabbing skiffs, Acorn Skiff, 1930's Dovetails, 1912 River Tug restoration
Boat Designs You Use	Chesapeake Bay Work Boats

Organization Contact Info:

Main Contact Name	Jennifer Kuhn
Address (Street)	213 N Talbot St
Address (City, State, Zip)	St. Michaels Md
Phone Number	410-745-4980
Website	cbmm.org
Email	afad@cbmm.org

Chase Small Craft

Beautiful Boat Kits, Ready to Build

My primary business is developing and shipping boats as complete kits to clients who dream of building their own boat. An important group of my clients however are educators.

I spent quite a few years in education and managed an at-risk youth boatbuilding program for several years in Portland, Maine. And I believe that there is no better way to learn than to build a boat.

I have developed several models that are excellent for building with kids and adults and whose construction method lends itself to teaching woodworking and keeping exposure to chemicals less than other kit building methods. I offer educational pricing on my kits, as well.

I also enjoy teaching boat design to kids and adults in the form of model boatbuilding. Students learn how to “loft” a set of lines in the computer, create a 3D model, prepare geometry for CNC cutting, and build a scale model of a skiff they designed. This is an annual class at Thornton Academy in Saco, Maine and a class called Computer Design that takes place at the Wooden Boat School in Brooklin, Maine.



Organization Contact Info:

Main Contact Name	Clint Chase
Address (Street)	959 Portland Rd
Address (City, State, Zip)	Saco, Maine 04072
Phone Number	207-602-9587
Website	www.ChaseSmallCraft.com
Email	boatkits@gmail.com

Additional Data:

List of boats good for building with groups. They are all available as kits or plans. Hull is plywood, 6-9mm thick, and remaining wood is select hard or softwoods depending on part. Epoxy is primary adhesive, but there are alternatives.

- 10' Compass Skiff -- an outboard skiff also available in 12' version
- 12' Echo Bay Dory Skiff -- a sail and oar skiff (on display at the conference)
- 14' Caravelle -- a longer version of the Echo more suitable for two people

Community Boat Building

Boston Public School Partnerships

Community Boat Building provides experiential learning opportunities for low-income children in Boston Public Schools. Traditional boat building classes engage fifth grade students in both critical academic skills, spatial thinking in particular, and social-emotional learning—working together on a tangible goal. The core concept of the program revolves around the building of a ten-foot flatiron skiff – the Perinkle Jr, designed by Nat Benjamin. In addition, we also draw on the waterways of Boston and its rich maritime history to set a context for their work in the shop. Past and current programs include sailing aboard the schooner *Roseway*, oral history projects involving Cape Verdean and African-American sailors, and water sampling in the Fort Point Channel and with the Neponset River Watershed Association.



Our school program is integrated tightly with the Boston Public Schools curriculum so that learning and enthusiasm translates back to the classroom and makes a lasting impact on educational outcomes. CBB works with fifth graders during their regularly scheduled school day for three hours in the afternoon for a total of ten or eleven consecutive days. Students at one of our schools take a water taxi right to our shop in the Seaport, while students at our other partner school work in a satellite shop right at their school. Launch Day is the culmination of the year-long program. Some of our boats stay in liveries at those sites for use by the public, and we sell all the boats, both new and used, to the public. Since its founding in 2007, CBB has worked with over 1,000 students in Boston.

Program Statistics (Annual by FY)

	Other Adults	Young Adults	Adolescents	Preteens	Other Children
Approximate Age Level	>25 yrs	19-25	13-18	10-12	<10
Number of Participants				150	
Number Achieving Program Goal				150	
Size of Budget (Total Operating Budget)	\$620,000				
Number of Employees	3				
Number of Volunteers	15				
Boat Designs You Build	1 - Periwinkle, Jr				
Boat Designs You Use	1				

Organization Contact Info:

Main Contact Name	Stockton Reece
Address (Street)	21 Liberty Dr
Address (City, State, Zip)	Boston, MA 02210
Phone Number	617-428-0155
Website	communityboatbuilding.org
Email	info@communityboatbuilding.org

Additional Data:

During the summer we run week-long programs that target upper elementary and middle school students in the general public, and those numbers are not included above. To help with supervision of these programs, we hire college students to work with the participants.

Deltaville Maritime Museum

Boat Shop Programs: Family Boatbuilding

Family Boatbuilding is a one week class held once a year for the past 15 years. Museum volunteers prepare kits which are purchased and built by the families. We generally have about ten families with two or more people, ages from 6 to 96. The boats are started on Monday morning and are finished, painted and in the water by Friday evening with the assistance of volunteers. Saturday they have a rowing race, awards and a fish fry then they take the completed boats home. The boats are 14ft flat bottom skiffs, traditionally built using Cypress planking on Fir frames. We pre-cut some of the pieces to expedite the project but they still get to cut and fit a lot of it.



Chesapeake Bay Deadrise Skiff

The Boat Shop is an all-volunteer operation. It is both an ongoing exhibit and a teaching opportunity. Experienced volunteers build a typical Chesapeake Bay “Deadrise” skiff showing how these boats were built without plans. It is a learning opportunity for other volunteers who help and the general public which observes. These boats reflect the process of gathering the knowledge of techniques and boat styles passed down from local builders through the years. Boats are sold upon completion to help support the program.

Preservation of Boat Collection

The Boat Shop is also responsible for the restoration and maintenance of the Museums boat collection including the 1924 *FD Crockett* a 63’ log hulled oyster freight boat.

Program Statistics (Annual by FY):

Family Boatbuilding Statistics Only	Other Adults	Young Adults	Adolescents	Preteens	Other Children
Approximate Age Level	>25 yrs	19-25	13-18	10-12	<10
Number of Participants	25	None	6	10	15
Number Achieving Program Goal	All	All	All	All	All
Size of Budget (Total Operating Budget)	\$1,000.00 per boat/family				
Number of Employees	0				
Number of Volunteers	6 to 20				
Boat Designs You Build	Chesapeake Bay flat bottom skiff Chesapeake Bay style Deadrise (V bottom) boats				
Boat Designs You Use					

Organization Contact Info:

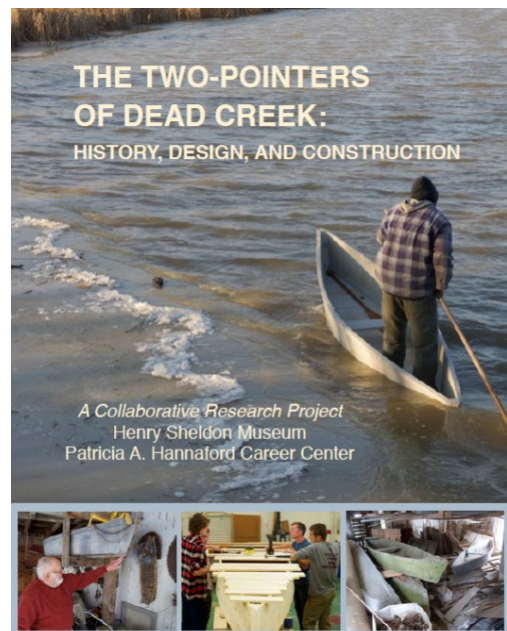
Main Contact Name	John England, Boat Shop Director
Address (Street)	287 Jackson Creek Rd.
Address (City, State, Zip)	Deltaville VA 23043
Phone Number	804-776-7200
Website	https://www.deltavillemuseum.com
Email	office@deltavillemuseum.com

Henry Sheldon Museum of Vermont History

Hannaford Career Center Boatbuilding Program

For the last six years a partnership between the Henry Sheldon Museum of Vermont History in Middlebury and the Hannaford Career Center, the regions technical high school, have worked in partnership on a program of research and boatbuilding focusing on documenting and replicating traditional boats from the Lake Champlain Basin. Working with Jackson Burnham's Advanced Engineering class, Douglas Brooks, a local boatbuilder and researcher, leads students in taking the lines of a traditional local boat, lofting it full-size, and then replicating the boat in the school's wood shop. Meanwhile students use the lofting to create CAD drawings of the boat, resulting in a thorough

documentation. Students have also done field research and oral interviews with owners and builders of boats, which have been archived at the Vermont Folklife Center. Hannaford's Graphics class designed and published a monograph of this work.



Program Statistics (Annual by FY):

	Other Adults	Young Adults	Adolescents	Preteens	Other Children
Approximate Age Level	>25 yrs	19-25	13-18	10-12	<10
Number of Participants			24		
Number Achieving Program Goal			24		
Size of Budget (Total Operating Budget)	\$3,000				
Number of Employees	2				
Number of Volunteers					
Boat Designs You Build	indigenous fishing/trapping boats				
Boat Designs You Use					

Organization Contact Info:

Main Contact Name	Douglas Brooks
Address (Street)	84 South Maple Street
Address (City, State, Zip)	Vergennes, VT 05491
Phone Number	(802) 877-3289
Website	www.douglasbrooksboatbuilding.com
Email	douglasbrooksboatbuilding@gmail.com

Kids & Classics Boatshops Museum

Boats4Folks - Thumbs to Throttles

Core programme is delivered to Ministry of Justice Youth Services. Typically a Probation Officer selects 4 clients and brings them to the boatshop. In the past the kids build a Bevins Skiff in 1 1/2 days. This year we have substituted a Sea Flea of our own design suspecting it might bring more kids back for more. This is a self-esteem rescue programme.



Once we had the Sea Flea designed it quickly became obvious that it has a much wider application including non-offending youth. We are embarking on a scalable programme of selling kits to the public to encourage youth boatbuilding therefore getting their thumbs off their phones. This is a link to ACBS.

Program Statistics (Annual by FY):

	Other Adults	Young Adults	Adolescents	Preteens	Other Children
Approximate Age Level	>25 yrs	19-25	13-18	10-12	<10
Number of Participants			100		
Number Achieving Program Goal			90		

Size of Budget (Total Operating Budget)	\$15,000.00 CDN
Number of Employees	0
Number of Volunteers	25-30
Boat Designs You Build	Bevins Skiff, Mini-Hopper Sea Flea
Boat Designs You Use	Same

Organization Contact Info:

Main Contact Name	Malcolm Black
Address (Street)	586 Main St
Address (City, State, Zip)	Glen Williams, ON Canada L7G 3T6
Phone Number	905 873-0141 cell 416 697-6455
Email	blackbox@cogeco.ca

Lake Champlain Maritime Museum-Champlain

Longboats Program

Champlain Longboats is a boatbuilding/rowing program for teens that combines a five-month immersive boatbuilding program with a diversity of rowing programs. We offer competition-based after school rowing, expeditionary, on-water ecology, team building, and adult recreational and racing programs. To date we have built twenty-one boats and are happy to say that all of them are actively being used.



	Other Adults	Young Adults	Adolescents	Preteens	Other Children
Approximate Age Level	>25 yrs	19-25	13-18	10-12	<10
Number of Participants	450		740		
Number Achieving Program Goal					

Size of Budget (Total Operating Budget)	\$1.6 million for the entire museum, \$200,000 for the Champlain Longboats program
Number of Employees	Champlain Longboats: 2 full-time and 4 part-time
Number of Volunteers	18
Boat Designs You Build	Cornish pilot gig, Whitehall style gig, Beetle whaleboat
Boat Designs You Use	Same

Organization Contact Info:

Main Contact Name	Nick Patch or Charlie Beyer
Address (Street)	4472 Basin Harbor Rd.
Address (City, State, Zip)	Vergennes, VT 05491
Phone Number	802-475-2022 x 113
Website	www.lcmm.org
Email	nickp@lcmm.org or charlieb@lcmm.org

Lower Cape May Regional High School

Mr. Suter's History Classes

This program is sustained as an add-on project to Mr. Suter's resource room history classes.

Students from any grade (mostly freshmen) learn to put together one of Ian Oughtred's boats as they also endure their regular progression of history courses for graduation.

The projects are meant to be a hands-on experience for the classified students that need an extra outlet for their energies or have had difficulties in a traditional classroom setting.



	Other Adults	Young Adults	Adolescents	Preteens	Other Children
Approximate Age Level	>25 yrs	19-25	13-18	10-12	<10
Number of Participants	2		25		
Number Achieving Program Goal					

Size of Budget (Total Operating Budget)	\$
Number of Employees	2
Number of Volunteers	
Boat Designs You Build	St. Ayles skiff, Caledonia Yawl
Boat Designs You Use	Ian Oughtred

Organization Contact Info:

Main Contact Name	Matt Suter
Address (Street)	687 Rt. 9
Address (City, State, Zip)	Erma, NJ 08204
Phone Number	609-884-3475
Website	
Email	suterm@lcmrschools.com

Mystic Seaport Museum Sailing Center

The Mystic Seaport Sailing Center is one part of the education department of Mystic Seaport. Our goal is to create a sailing experience that encompasses all of the elements of the Seaport.

Our sailing classes cover the introduction of sailing, and how their actions on the water are connected to the history that the Museum holds. We are also connecting our younger students through boat building.



	Other Adults	Young Adults	Adolescents	Preteens	Other Children	
Approximate Age Level	>25	19-25	13-18	10-12	<10	
Number of Participants	30	30	200	200	100	
Number Achieving Program Goal	20	30	150	150	80	

Size of Budget (Total Operating Budget)	\$
Number of Employees	4 full-time, 14 seasonal
Number of Volunteers	6 adult, 35 youth
Boat Designs You Build	Bevins, Footy RC
Boat Designs You Use	Blue Jays, Dyer Dhows and a mixed livery

Organization Contact Info:

Main Contact Name	Ben Ellcome
Address (Street)	75 Greenmanville Ave.
Address (City, State, Zip)	Mystic, CT 06355
Phone Number	840.631.8403
Website	www.mysticseaport.org
Email	Ben.ellcome@mysticseaport.org

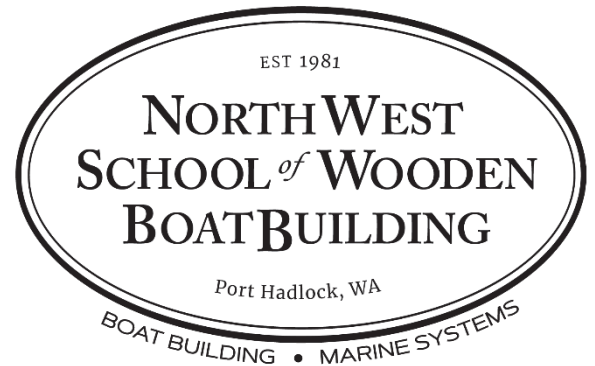
Northwest School of Wooden Boatbuilding

12-month Associate of Occupational Studies Degree – Boatbuilding

6-month Diploma – Marine Systems

The Northwest School of Wooden Boatbuilding is a post-secondary trade school that offers an AOS degree in Traditional Wooden Boatbuilding (e.g. using fasteners) and in Contemporary Wooden Boatbuilding (e.g. using glue for fastening).

The six-month marine systems program covers marine electrical systems, diesel and outboard motors, plumbing, heating, steering, propulsion, and hydraulics.



Program Statistics (Annual by FY):

	Other Adults	Young Adults	Adolescents	Preteens	Other Children
Approximate Age Level	>25 yrs	19-25	13-18	10-12	<10
Number of Participants	22	18	0	0	0
Number Achieving Program Goal	20	16	0	0	0

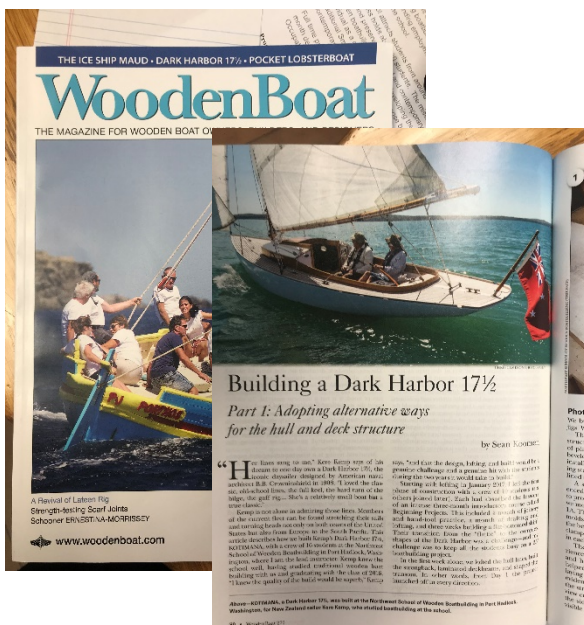
Size of Budget (Total Operating Budget)	\$1,250,000
Number of Employees	12
Number of Volunteers	40
Boat Designs You Build	Motor boats, sail boats, paddled and rowed boats
Boat Designs You Use	Photos at https://www.flickr.com/photos/nswsb/

Organization Contact Info:

Main Contact Name	Betsy Davis
Address (Street)	42 N Water St
Address (City, State, Zip)	Port Hadlock WA 98339
Phone Number	360-360-385-4948
Website	www.nswsb.edu
Email	betsy@nswsb.edu

Additional Data: Accredited by the Accrediting Commission for Career Schools and Colleges.

Northwest School of Wooden Boatbuilding *cont'd.*

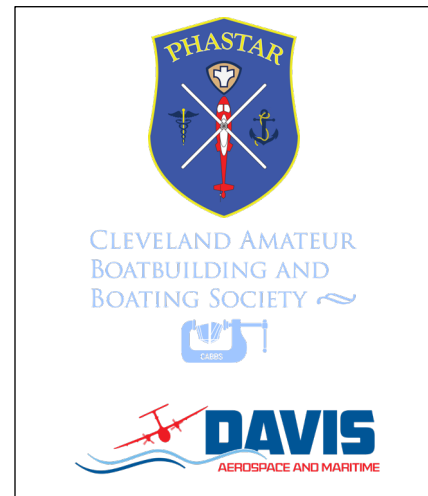


Teaching with Small Boats Conference Participant
Antique Boat Museum, Clayton, NY
October 11-14, 2019

PHASTAR Corporation (501c3)

Davis Aerospace & Maritime High School Boat Building

Davis Aerospace & Maritime High School was created by PHASTAR Corporation (501c3) and is jointly operated in cooperation with the Cleveland Metropolitan School District. The school is a grade 9-12 public high school with an emphasis on math and science brought to life through aerospace and maritime themes. PHASTAR Corporation is responsible for thematic programming and career development.



All Davis A&M freshmen learn the basics of boat design and construction through their Maritime Science curriculum. Those choosing to explore further can join an after-school boatbuilding program operated in partnership with the Cleveland Amateur Boatbuilding and Boating Society (CABBS). Opportunities may arise for additional after-school and weekend activities, often working side by side with maritime professionals and others in the community.

Program Statistics (Annual by FY):

	Other Adults	Young Adults	Adolescents	Preteens	Other Children
Approximate Age Level	>25 yrs	19-25	13-18	10-12	<10
Number of Participants	15	2	200	5	0
Number Achieving Program Goal					

Size of Budget (Total Operating Budget)	\$450,000/yr
Number of Employees	7
Number of Volunteers	50+
Boat Designs You Build	
Boat Designs You Use	

Organization Contact Info:

Main Contact Name	Capt. Drew Ferguson
Address (Street)	1776 Columbus Road
Address (City, State, Zip)	Cleveland, OH 44113
Phone Number	(216) 701-5582
Website	http://phastar.org / http://davisam.org
Email	dferguson@phastar.org

Seaworthy Small Ships, Inc.

Model boat kits – teaching with smaller boats

Seaworthy Small Ships will be participating in the Pecha Kucha presentation Friday at lunchtime. We will introduce our model boat kits and detail their usefulness in learning. They are additional tools that can be used with the educational programs offered at this conference. Think – teaching with smaller boats.



Seaworthy Small Ships will be displaying and demonstrating our model boats at Marketplace sessions on Saturday afternoon and Sunday morning. Explore your model boat options.

	Other Adults	Young Adults	Adolescents	Preteens	Other Children
Approximate Age Level	>25 yrs	19-25	13-18	10-12	<10
Number of Participants					
Number Achieving Program Goal					

Size of Budget (Total Operating Budget)	\$
Number of Employees	
Number of Volunteers	
Boat Designs You Build	
Boat Designs You Use	

Organization Contact Info:

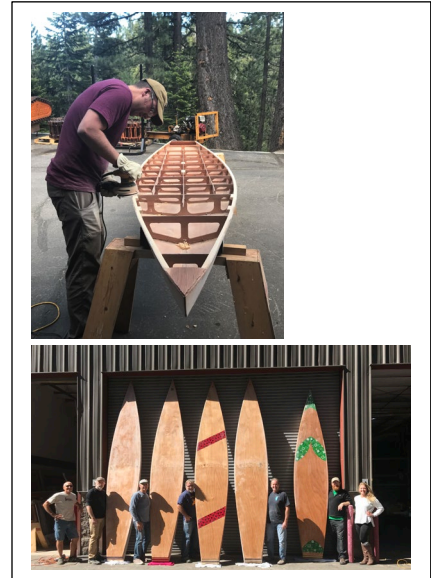
Main Contact Name	Marla & George Surgent
Address (Street)	P.O. Box 2863
Address (City, State, Zip)	Prince Frederick, MD 20678
Phone Number	410-586-2700
Website	www.seaworthysmallships.com
Email	info@seaworthysmallships.com

Tahoe Maritime Museum

Adult Wooden Paddleboard Building Program

Tahoe Maritime Museum hosts the Wooden Paddleboard Building course twice a year for adult students. The course uses CLC paddleboard kits, which are built from marine plywood using the stitch and glue method. TMM is honored to have Larry Frolely from Gray Whale Paddle in California and Kaholo paddleboard co-designer as our instructor for this course.

Participants choose from either the 12'6" board (better for smaller paddlers), or the 14' board (better for larger paddlers). Participants also have the choice to build prone paddleboards, the San O' 14' or 16'. Students complete the project in one week and often return for paddle day reunion in the fall.



Program Statistics (Annual by FY):

	Other Adults	Young Adults	Adolescents	Preteens	Other Children
Approximate Age Level	>25 yrs	19-25	13-18	10-12	<10
Number of Participants	5				
Number Achieving Program Goal	5				

Size of Budget (Total Operating Budget)	\$500,000
Number of Employees	4
Number of Volunteers	30
Boat Designs You Build/Restore	SUP, Runabouts
Boat Designs You Use	SUP, Runabouts

Organization Contact Info:

Main Contact Name	Danielle Rynning or Lora Nadolski
Address (Street)	PO Box 1907, 401 West Lake Blvd.
Address (City, State, Zip)	Tahoe City, CA 96145
Phone Number	530.583.9283
Website	www.tahoemaritime.org
Email	info@tahoemaritime.org

TIDEWATER WOODEN BOAT WORKSHOP

Youth Boat Building, Rowing and Sailing

TWBW, established in 2014, is a (501)(c)(3) nonprofit that uses wooden boatbuilding and other nautical activities to help disadvantaged youth in Hampton Roads develop the essential life skills that lead to a successful future.

TWBW teaches math, science and other critical life skills as they build wooden boats and are taught to row and sail them on local waters. While participating in these activities, their world expands and learning becomes relevant and fun. They not only learn about boats, they learn about themselves as they master new skills and discover talents and interests they didn't know they had. Our flagship youth program combines a proven STEM curriculum utilizing the nationally recognized “Building To Teach” methodology to build wooden rowboats and sailboats. Through expert instruction and hands on experiences, math and science join wood, paint, sweat and teamwork as the boat reaches completion. The class culminates with a launching of the boat and instruction on how to row and sail. Our weekly summer camp programs involve participants in various woodworking and nautical adventures. Past programs have included boatbuilding, model building, rowing, environmental activities and construction of cigar box guitars.



Program Statistics (Annual by FY):

		Other Adults	Young Adults	Adolescents	Preteens	Other Children
	Approximate Age Level	>25 yrs	19-25	13-18	10-12	<10
2016	Number of Participants			77	20	
	Number Achieving Program Goal			77	20	
2017	Number of Participants	8		78	40	1
	Number Achieving Program Goal	8		78	40	1
2018	Number of Participants		2	112	37	3
	Number Achieving Program Goal		2	112	37	3

Size of Budget (Total Operating Budget)	\$ \$250,000
Number of Employees	3
Number of Volunteers	28
Boat Designs You Build	Bevin's Skiff, Tidewater 14
Boat Designs You Use	Bevin's Skiff, Tidewater 14

Organization Contact Info:

Main Contact Name	Thomas Brandl
Address (Street)	910 Ballentine Blvd
Address (City, State, Zip)	Norfolk, VA 23504
Phone Number	757-353-9418
Website	www.twbw.org
Email	execdir@twbw.org

Turners Falls High School Montague, MA

STEM History Elective Course - Connecticut River Valley

The students in this course studied the influence of the Connecticut River on the economy, labor, environment and the regional history of Western Massachusetts. A former boatbuilder who graduated from the Landing School of Boatbuilding and Design (1995) in Maine, I worked for 7 years as a boat carpenter in the Hudson Valley and on the North Shore of Massachusetts. As a high school history teacher, I have been looking for ways to incorporate boatbuilding into the history program and provide students with an inter-disciplinary and vocational learning experience.



Building Daisy 12' Dory/Skiff at Turners Falls High School

Students began a traditional wooden boatbuilding project in the Connecticut River Valley course that spanned the final 10 weeks of the semester. Lofting the station frames, planks and stem/ transom were significant parts of the teaching and learning. We were able to plank only half the boat, a 13' dory/skiff based on the plans from Harry Bryant in *Wooden Boat #126*. I am hoping to start a vocational and/or STEM program for my high school, and want to learn about other programs to improve the selection of an appropriate boat, funding, teaching carpentry skills and how to best integrate the boatbuilding process with other academic disciplines-math, science, history and the arts.

Program Statistics (Annual by FY):

	Other Adults	Young Adults	Adolescents	Preteens	Other Children
Approximate Age Level	>25 yrs	19-25	13-18	10-12	<10
Number of Participants			12-15		
Number Achieving Program Goal					
Size of Budget (Total Operating Budget)	\$500 at best				
Number of Employees					
Number of Volunteers					
Boat Designs You Build	13' Dory/Skiff designed by Harry Bryant				
Boat Designs You Use					

Organization Contact Info:

Main Contact Name	David Smith
Address (Street)	352 South Mountain Rd
Address (City, State, Zip)	Northfield MA 01360
Phone Number	978 660 7485
Website	www.gmrtd.org
Email	david.smith@gmrtd.org

Western New York Maritime Charter School

Maritime Careers Class

WNYMCS's Maritime Careers class is a yearlong, double block class that is intended for students that might not be the best fit for higher education. It is designed to help students with increasing their knowledge of job opportunities in the Maritime or trades worlds of work as well as increase their basic/carpentry math skills through classroom time and participation in the Hand2Hand program offered by the Buffalo Maritime Center.



Through a partnership with the Buffalo Yacht Club, we are also teaching the cadets how to sail on J-22 sailboats (weather permitting).

Program Statistics (Annual by FY):

	Other Adults	Young Adults	Adolescents	Preteens	Other Children
Approximate Age Level	>25 yrs	19-25	13-18	10-12	<10
Number of Participants	0	0	12-14	0	0
Number Achieving Program Goal					

Size of Budget (Total Operating Budget)	\$3,300 - for the Boat Building Program
Number of Employees	(See Buffalo Maritime Center's Numbers) 1 teacher @ WNYMCS serves as the advisor
Number of Volunteers	(See Buffalo Maritime Center's Numbers)
Boat Designs You Build	15' Olmstead Skiff (Rowboats)
Boat Designs You Use	15' Olmstead Skiff

Organization Contact Info:

Main Contact Name	R. Scott Pugh, MCPO USCG (Ret)
Address (Street)	266 Genesee St
Address (City, State, Zip)	Buffalo, NY 14204
Phone Number	716-842-6289
Website	www.wnymcs.com
Email	s_pugh@wnymcs.com