

# TIDEWATER TIMES

## AMERICAN SOCIETY OF NAVAL ENGINEERS TIDEWATER SECTION



### MARCH 2019 NEWSLETTER

#### ASNE TIDEWATER “QUICK LOOK”

<u>Date</u>	<u>Upcoming Event</u>	<u>Page</u>
Mar 27, 2019	ASNE TW Dinner / Meeting ( <i>Note: 4th Wednesday</i> ) Speaker: Glen Sturtevant, S&T Advisor, PEO Ships	<a href="#">3</a>
Apr 17, 2019	ASNE TW Dinner / Meeting Speaker: RADM William J. Galinis, PEO Ships	
May 14-16, 2019	MegaRust Renaissance Portsmouth-Norfolk Waterfront Hotel	
May 15, 2019	ASNE TW Dinner / Meeting ( <i>Note: 7:00 pm; Renaissance Hotel</i> ) Speaker: RADM Mark Whitney	
Jun 7-9, 2019	Norfolk Harborfest @ Towne Point Park / ASNE-Sikaflex Ultimate Build-A-Boat Challenge: 25th Anniversary	

#### ASNE TIDEWATER FEATURED ARTICLES / NEWS

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Celebrating 25 Years! The 2019 ASNE-Sikaflex Ultimate Build-A-Boat Challenge	<a href="#">8</a>
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#### Monthly Dinner

5:30 - 6:00 PM	Registration / Social
6:00 - 7:00 PM	Dinner
7:00 - 8:00 PM	Speaker

*Dinner meetings are posted as events on the section's Facebook page and photos are posted after the meetings. Become friends with "Tidewater Section – ASNE" to get notifications as soon the reservation system is opened for each month's dinner!*



## Chair's Letter to the Membership

### SECTION OFFICERS

Jessica Galassie - Chair  
266-2193 // galassie@gmail.com

Pamela Schools - Vice Chair  
572-7839 // pamgschools@gmail.com

Jim Brinkman - Acting Treasurer  
jbrinkmanswo@gmail.com

Todd Babcock - Secretary  
536-4807 // tbabcock@fairleadint.com

### SECTION COMMITTEES

Mike D'Amato - Programs Co-Chair  
226-1114 // michael.damato@hii-tds.com

Vince Janowiak - Programs Co-Chair  
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635-3613 // WebMaster@asne-tw.org

Charlie Pfeifer - FMMS 2020  
424-2013 // pfeifercg@cox.net

Herb Hood - MACC 2020  
617-4014 // hhood@phoenix-group.com

*(Area code 757 unless specified)*

Hello members and friends,

I personally find the end of winter a bit gray and gloomy, but when I see the first bright yellow daffodil it gives me hope that Spring colors are coming. I am also reminded of all the kids in school because I usually get an illness this time of year, and of all the STEM activities that start to book up in my calendar. I would like to highlight a couple of the ASNE TW Section community partners that we team with for STEM outreach.

1) Tidewater Wooden Boat Building <https://www.twbw.org>  
"Teaching life skills through boatbuilding." This is a wonderful after-school program in Norfolk for middle school and HS at risk students, teaching hands-on tool skills, blueprint reading, applied math, teamwork and other life skills. Students learn about how to build and sail a wooden boat, take water samples in the harbor, and understand the environment in and on the water.

2) ODU Digital Boatbuilding [www.vmasc.odu.edu](http://www.vmasc.odu.edu)  
VMASC is planning a series of Digital Shipbuilding and Repair / STEM Saturday outreach workshops for local Middle School Students in the Hampton Roads area. Part of the goal of the workshops is to not only generate interest in digital shipbuilding and repair, but to introduce children, parents, guidance counselors and teachers to the local industry and higher education institutes in the area. The workshops are designed to expose the community to the rewarding opportunities found locally in not only shipbuilding and ship repair, but advance manufacturing, engineering and design.

3) VSRA Lego Ship Design <https://www.virginiashiprepair.org/VSRFProgram/3/VSRF-LEGO-Competition>  
Each year, the Virginia Ship Repair Association sponsors a LEGO Competition for Middle School students aimed at enhancing awareness of careers available in the Ship Repair industry, and the skills and education needed to pursue those careers. Participation in the VSRA LEGO Competition will increase the students' mathematical, analytical, and conceptual skills, as well as give them valuable information on an industry that is vital to their community

4) ASNE TW 25th Anniversary "Ultimate Build-A Boat Challenge" at the 2019 Harbor Fest <https://asne-tw.org/events>  
Two-person teams build their boat on day one with Sikaflex 291 marine adhesive and 1/4" tag board...to race them on day two and compete for trophies in a number of categories. The teams are from all walks of life and experience in the Maritime community. It is a fun event for families, co-workers, and friends to participate, volunteer, and watch while participating in educating the community about naval engineering professions and our ASNE TW Section.

I hope you have not had too much gray or gloom in the first part of your year... but if you have, reach out and ask a friend to lunch to discuss where you could volunteer with us! We need the help to continue the legacy of the ASNE TW section of service to the community. I personally know that by serving and giving my attitude and outlook on life changes to a positive course towards increased happiness. Come join me in having some fun showing the future workforce why a career in the Maritime Industry is awesome!

Fair winds and following seas, Jessica



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## ASNE TW Dinner / Meeting March 27, 2019

**PLACE:** Virginia Beach Norfolk Holiday Inn, 5655 Greenwich Road, Virginia Beach, VA 23462

**TIME:** **5:30 - 6:00:** Cocktails and Networking  
**6:00 - 8:00:** Dinner and Program

**COST:** **Members:** \$28 in advance / \$30 at the door  
**Non-members** \$33 in advance / \$35 at the door  
**Military in uniform:**

- 0-4 / E-7 & below \$15 in advance / \$20 at the door
- 0-5 / E-8 / CWO & above \$20 in advance / \$25 at the door

**Student ASNE members:** \$10 in advance / \$15 at the door  
**Student non-members:** \$15 in advance / \$20 at the door

To sign up go to: <http://www.asne-tw.org/> "Events". Please pay in advance using the on-line payment system – THIS SAVES YOU MONEY! Please RSVP online NLT 12:00 pm on Tuesday, March 26, 2018.

Glen Sturtevant is the Director for Science and Technology assigned to the United States Navy Department's Program Executive Office for Ships in Washington, D.C.

He graduated from College du Lemman in Geneva, Switzerland, earned a Bachelor of Science in Civil Engineering from the University of Delaware and a Master's degree in Management from Indiana University. He has completed Program Management and Engineering programs of study at National Defense University, Webb Institute, Virginia Tech and MIT.

Mr. Sturtevant began his career in 1978 as a Project Engineer at Philadelphia Naval Shipyard. In 1983 he was assigned to the Surface Ships Directorate at Naval Sea Systems Command Headquarters in Washington D.C. where he was responsible for the conversion of USS BELKNAP (CG 26) to U.S. 6th Fleet Flagship in Gaeta, Italy, the overhaul of USS STERETT (CG 31) in Subic Bay, Republic of the Philippines and the modernization of USS BIDDLE (CG 34), the first ship of the Navy's New Threat Upgrade Program.

In 1987 he was assigned to the Aegis Shipbuilding Program (PMS 400) where he held positions as Plans and Programs Manager, Cruiser Conversion Program Manager, and from 1998 to 2004 was Program Manager for the Navy's Smartship Program where he led the introduction of commercial technologies to the Fleet. Mr. Sturtevant was the Navy's Response Team leader activated as a result of the al Qaeda bombing of USS COLE (DDG 67) in Aden, Yemen in October 2000.

As Chief Technology Officer, his duties include senior advisor to the PEO and NAVSEA's Deputy Commander for Surface Warfare for National Shipbuilding Research Program, Flexible Ships, Arctic Operations, Energy Security, Acquisition Research at the Naval Postgraduate School, Small Business Innovation Research Program, Allied Navy collaboration, the Ship Design & Analysis Tools Strategic Sealift R&D and Unmanned Systems-Ship Integration.

He is a member of the American Society of Naval Engineers Programs Committee, World Scientific Engineering Academy and Society, Surface Navy Association, American Management Association, Navy League of the United States, National Defense Industrial Association, and has served on the Association of Scientists and Engineers Professional Development Committee and as Chair of the Science and Education Committee. He is a Project Management Institute certified Project Management Professional and is a certified Defense Acquisition Corps Professional in Program Management and Systems Engineering. Mr. Sturtevant has received the Association of Scientists and Engineers Professional Achievement Award, Office of the Secretary of Defense's Aegis Cruiser Reduced Total Ownership Cost Award, the individual Aegis Excellence Award and is a member of the Pi Alpha Alpha National Honor Society.

Mr. Sturtevant has provided professional consultation to multiple allied Navies, has written numerous technical papers and has been published in several professional society journals. He is married to Karen Birkofer Sturtevant and they have 3 grown children.



Glen Sturtevant, PEO Ships,  
NAVSEA



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## February Dinner / Meeting Recap

The February 20th Dinner / Meeting was a great success, with over 75 guests in attendance to socialize, network with business associates, and listen to guest speaker Captain Kai Torkleson, the 108th Commander, Norfolk Naval Shipyard.

Captain Torkleson addressed the critical mission of the shipyard and its 14,000 employees, provided an overview of capabilities and programs, and gave us insight into the 20-year / \$21B investment strategy for the four Naval Shipyards called the SIOP, Shipyard Infrastructure Optimization Plan.



Future Dinner / Meeting Dates
March 27, 2019
April 17, 2019
May 15, 2019



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## ASNE Scholarship Announcement

Good news!

The American Society of Naval Engineering (ASNE) National HQ recently approved an increase in the Societies' undergraduate scholarship awards to **\$4000** and extended the eligibility of these scholarship awards to **junior level** students! The 2019 and 2020 Scholarship application year will include these new expanded ASNE scholarship program benefits for engineering students.

ASNE recognizes a responsibility to promote naval engineering and provide such educational incentives for the benefit of Industry, Navy, ASNE, and the Nation. The good health of the Nation's future engineering community is an important objective of ASNE. The hard work of ASNE volunteers across the country to provide the funding necessary to support these increased scholarship changes is hereby recognized, as these expanded scholarship benefits are implemented.

To learn more about the ASNE Scholarship Program, go to the [ASNE Scholarships](#) webpage where you can link to the 2019/2020 scholarship application and [Frequently Asked Questions](#).

Application Deadline **March 11, 2019**



*ASNE Tidewater Section Scholarships:*

**Admiral David Donohue Scholarship**

**James Pitt Scholarship**

**Captain Joseph Yurso Scholarship**



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**All Things MegaRust**

# MEGARUST 2019

**NAVAL CORROSION CONFERENCE**

**MAY 14 - 16 | PORTSMOUTH, VA**

**RENAISSANCE PORTSMOUTH - NORFOLK WATERFRONT HOTEL**

MegaRust is conducted annually to provide a consolidated focus on Navy corrosion issues. Corrosion is a major factor in the readiness and total ownership cost of naval systems and this conference is intended to provide updated information on programs, policies, standards and Fleet experience related to corrosion and to promote discussion and sharing of information on technologies and strategies for controlling corrosion.

The conference provides an impartial forum for dialogue between government and commercial organizations, and providers of coatings and corrosion control products, processes, technologies and solutions. Participants include representatives from military, industry, and government organizations involved with research and development, design, engineering, construction, maintenance, modernization and operation of naval systems that are potentially affected by corrosion. The conference covers all segments of the naval services including sea, air, Marine Corps, vehicles, and facilities.

MegaRust continues to bridge the gap between corrosion issues and solutions. Meeting all the 'movers and shakers' from all disciplines and various industries is exciting and a great networking opportunity. – John Mangano, MegaRust 2019 Chairman; Hempel (USA) Inc.

**REGISTER TODAY! EXHIBIT AND SPONSOR  
OPPORTUNITIES AVAILABLE.**

**[www.megarust.org](http://www.megarust.org)**



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## STEM at MegaRust 2019!

There's a great opportunity for Science, Technology, Engineering and Mathematics (STEM) education at MegaRust 2019!

We're looking for groups of high school students from public and private schools, and home school co-ops, who would like to participate.

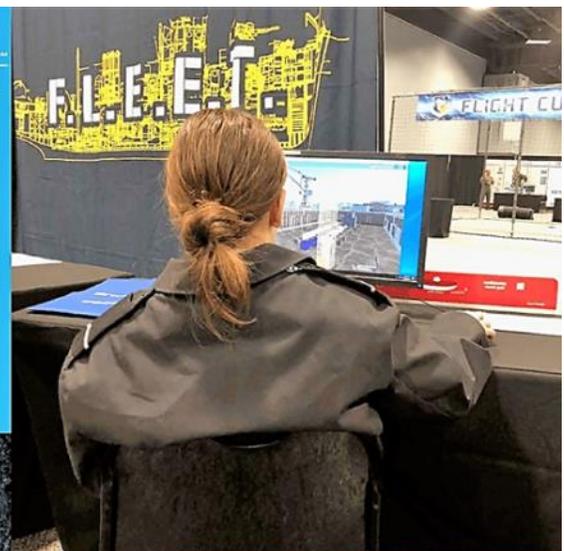
For more information contact [fleet@navalengineers.org](mailto:fleet@navalengineers.org) or Dave Zilber at [djzilber@gmail.com](mailto:djzilber@gmail.com).



[www.fleetengineering.org](http://www.fleetengineering.org)

**STEM Outreach at MegaRust 2019 May 15 (8am-4pm)**

Group talks with engineers, engineering students.  
Hands-on demonstrations. Naval engineering simulator.  
For more information, email: [fleet@navalengineers.org](mailto:fleet@navalengineers.org)



# MEGARUST 2019



**Group talks with engineers, engineering students.  
Hands-on demonstrations.  
Naval engineering simulator.**



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## Build-A-Boat Challenge

# WANTED!



Teams and Sponsors for the 25th Annual

# ASNE-Sikaflex ULTIMATE *Build-A-Boat* CHALLENGE

Norfolk Harborfest  
June 8 & 9, 2019



- ✓ Field a two-person team
- ✓ Design your craft in advance
- ✓ Build it in four hours on Saturday
- ✓ Race it on Sunday!



For more information,  
contact [Michael.Damato@hii-tsd.com](mailto:Michael.Damato@hii-tsd.com)  
or visit [www.asne-tw.org](http://www.asne-tw.org)



100% of net proceeds go to fund ASNE Scholarship and STEM Programs



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### 68th Annual Tidewater Science and Engineering Fair

Volunteers are needed for the 68th Annual Tidewater Science and Engineering Fair at ODU in March, according to AFCEA Hampton Roads VP for Education, Drew Lambley:

Good Afternoon AFCEA Hampton Roads Members,

This is a call for volunteers to act as Special Awards Judges for the 68th Annual Tidewater Science and Engineering Fair on Saturday, March 16th 2019 at Old Dominion University. If you are interested in directly supporting STEM Education in Hampton Roads, please join us this year in supporting this fabulous event! Here is a [link](#) to the Fair details.

This is one way that the contribution of a few hours time early on a Saturday can have a large impact in the direction of student's lives. As with previous years, the Fair organizers will once again have additional space available for Special Judges to gather and meet as a team of judges as well as provide that awesome food from ODU catering.

Please consider changing a student's life today and take your place at the 68th Annual Tidewater Science and Engineering Fair.

If you can give your time on March 16th, just contact me at [Scholarships@afceahamptonroads.org](mailto:Scholarships@afceahamptonroads.org)!

Sincerely,

Drew Lambley,  
AFCEA Hampton Roads  
VP for Education





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## Proposed USS Thresher Memorial Approved

The Secretary of the Army, Dr. Mark Esper, has approved the proposed USS Thresher Arlington National Cemetery (ANC) Memorial.

The memorial is dedicated to the 129 men lost aboard USS Thresher (SSN-593) on April 10, 1963 while conducting deep dive exercises 220 miles off of Cape Cod.

The loss of Thresher was the largest Submarine disaster ever experienced by our Nation, and led to the inception of the Submarine Safety (SUBSAFE) program that has, and continues to protect the men and women who serve on our Nations Submarines.

In the 55 years since the inception of SUBSAFE, we have lost only one Submarine, USS Scorpion in what is believed to be due to a battery explosion. In the 46 years prior, we experienced a non-combat average loss rate of one Submarine every 3 years.

The USS Thresher ANC Memorial Foundation received nearly \$60,000 in donations from USS Thresher family, USS Thresher former crew, Submarine Veterans, current & former Naval Sea Systems & Portsmouth Naval Shipyard employees. This will cover the cost of the memorial and ensure that funding will be in place to replace the monument in perpetuity.

Led by NH Senator Shaheen, a letter of support for the ANC memorial was sent to the Secretary of the Army signed also by NH Senator Hassan, Maine Senators Collins & King, and Massachusetts Senator Warren.

Led by former NH Congresswoman Carol Shea Porter, a letter of support was sent to the Executive Director, ANC signed by 15 members of the House Armed Services Committee.

The ANC commemorative monuments approval process required six level of approvals. The monument is modest in size, and is designed to be placed along a walkway in a area not suitable for burial.

On behalf of the USS Thresher family & former crew, we would like to thank the ANC representatives who conducted the analysis of our proposal, and provided the lower five levels of approval prior to the final approval signature received today from the Secretary of the Army.

See <https://threshermemorial.org> for the story of USS Thresher.

--

Kevin Galeaz  
President  
USS Thresher Arlington National Cemetery Memorial  
Foundation

<http://ThresherMemorial.org>

<https://www.facebook.com/USSThresherMemorial/>

[ThresherMemorial@gmail.com](mailto:ThresherMemorial@gmail.com)



Proposed USS Thresher Memorial  
Arlington National Cemetery



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## Communication

### FMMS 2020

FMMS 2020 will be held in September 2020 at the Virginia Beach Convention Center. We anticipate that setup, a golf outing and collaborative events will be held on September 14th, the main symposium on September 15-16, finishing with additional collaborative events on the 17th. If you are interested in helping with the planning and execution of the symposium, please contact **Charlie Pfeifer** by email at [charlie@cgpfam.net](mailto:charlie@cgpfam.net).



### Membership News

A warm welcome to our new Members:

<b>Daniel Spagone</b>	<b>Emre Ucuncu</b>
<b>Charlie Sutton</b>	<b>Tony Gregory</b>
<b>Cleve Butts</b>	<b>Matthew Eakin</b>

If you transferred from another section, please shift your chapter association to Tidewater Section. Tidewater Section lapel pins for new members are available for pickup at the monthly dinner meetings.

Dave Zilber

Membership Chair, ASNE TW

(757) 266-2193; [djzilber@gmail.com](mailto:djzilber@gmail.com)

### Facebook - ASNE Tidewater Section

Follow the page!!

- Like pictures and postings
- Comment on postings in a positive and thoughtful way
- Share with your friends
- <https://www.facebook.com/TidewaterSectionASNE/#>



Facebook – American Society of Naval Engineers ASNE

- Like, comment, share, and follow the page
- Cross post to @TidewaterSectionASNE
- <https://www.facebook.com/navalengineers/#>

### ODU Chapter Information

The ODU / ASNE Student Chapter is looking for officers for the 2018-2019 academic year.

ASNE ODU Chapter Primary Contacts:

ODU Faculty Advisor:

Dr. Jennifer Michaeli ([jgmichae@odu.edu](mailto:jgmichae@odu.edu))

ASNE TW / ODU Liaison:

Mike D'Amato ([Michael.damato@hiitdsd.com](mailto:Michael.damato@hiitdsd.com))



Please consider posting internship and job opportunities at ODU's Career Management Center:

[www.odu.edu/cds/employers](http://www.odu.edu/cds/employers)

You may also post to the Job Board on the ASNE HQ site:

<http://www.navalengineers.org/Membership/Job-Board>

### Other Information

- ♦ Peninsula Engineers Council Info [PEC, Peninsula Engineers Council](#)
- ♦ Please follow this link to all current [ASNE Symposia](#)