

TIDEWATER TIMES

AMERICAN SOCIETY OF NAVAL ENGINEERS TIDEWATER SECTION



FEBRUARY 2020 NEWSLETTER

ASNE TIDEWATER “QUICK LOOK”

<u>Date</u>	<u>Upcoming Event</u>	<u>Page</u>
Feb. 19, 2020	Dinner/Meeting (Guest Speaker: Vice Admiral David H. Lewis, Director of the Defense Contract Management Agency)	3
Mar. 18, 2020	Dinner/Meeting (Guest Speaker: Capt. Tim Barney, MARMC CO)	
Apr. 15, 2020	Dinner/Meeting (Guest Speaker: RADM Nate Moore (CG-4))	
May (TBD)	ASNE TW Social Event	

ASNE TIDEWATER FEATURED ARTICLES / NEWS

<u>Article/News Item</u>	<u>Page</u>
February Dinner/Meeting Program	3
January Dinner/Meeting Program Recap	4
Calling All Members!	5
ASNE Tidewater Special Event	6
HRNM Hosts Brick by Brick LEGO® Shipbuilding Event	7
Nominations for ASNE Tidewater’s Executive Committee	8
FMMS 2020 - Virginia Beach, VA	9
ASNE 2020 Events Vision	10

***You’re invited to our ASNE Tidewater
monthly dinner/meeting programs!***

5:30 - 6:00 PM Registration / Social

6:00 - 7:00 PM Dinner

7:00 - 8:00 PM Program

FUTURE PROGRAM DATES

FEBRUARY 19	2020
MARCH 18	2020
APRIL 15	2020
MAY (TBD)	2020 (SOCIAL)



CHAIR'S LETTER TO THE MEMBERSHIP

SECTION OFFICERS

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

Andy Vasquez - Vice Chair
434-8223 // mightymo5@verizon.net

Joyce Tucker - Treasurer
897-2796 // joyce.tucker.ctr@navy.mil

Andi McCusker - Secretary
630-4173 // amccusker@fairleadint.com

SECTION COMMITTEES

David Jarvis - Announcements/Newsletter
636-1661 // djarvis79@gmail.com

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

Jessica Galassie - FMMS 2020
297-2295 // galassie@gmail.com

Dave Zilber - MegaRust
266-2193 // djzilber@gmail.com

Jamie Ray - Membership Chair
472-2590 // jray@acerotek.com

Andi McCusker - Newsletter
630-4173 // amccusker@fairleadint.com

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

Vince Janowiak - Programs Co-Chair
534-1904 // vincent.janowiak@hii-tds.com

Herb Hood - Section Councilor
617-4014 // hhood@phoenix-group.com

Pam Schools - Social Media
572-7839 // pamgschools@gmail.com

Lon Scofield - Web Master
635-3613 // scofvb@verizon.net

(Area code 757 unless specified)

Greetings Naval Engineering Professionals and Friends,

It is hard to believe January has passed and February is here! On President's Day (Monday, February 17) we honor our past leaders. If I ask you to think about individuals that were great leaders to you, I am sure you can think of many. They likely had similar qualities of having a vision, effective communication and listening skills, honesty, and dependability. They exemplified someone you aspired to be like in the future. I challenge you to be a great leader for someone else by taking advantage of key opportunities. These opportunities do not have to be large, but more importantly they have to be impactful. Modeling with your actions and words can inspire others to become better leaders. We have all heard the expression, "Leaders have people follow them while managers have people who work for them." Whether you are a manager in title or not, we all can be leaders based on our actions and words.

ASNE TW has many leadership opportunities available as we put together our next ballot for the 2020-2021 calendar year. We have openings for Vice Chairman and Secretary positions. Nominations for these positions are being accepted currently and through the entire month of February. If these formal positions don't appeal to you, we have other opportunities that may align better with your interests. Please let us know if you are willing to help!

Don't forget to bring your inner child, sons, daughters or grandchildren to the **9th Annual LEGO® Brick by Brick Shipbuilding Event!** This FREE event is at the Decker Half Moone Cruise and Celebration Center in downtown Norfolk from 10:00am – 4:00pm on **Saturday, February 1st.**

We are only 4 months away from our 26th annual Build-A-Boat Challenge at Harborfest 2020 this June! It is time to find that perfect partner and start thinking about your best pirate or Viking themes. Stand by for more news coming up in the next few months.

I am looking forward to seeing all of you at our dinner / meeting program February 19th to hear from **Vice Admiral Dave Lewis**, USN, Director, Defense Contract Management Agency.

All my best,

Pam

ASNE TW Section
Chair - Pam Schools

<https://asne-tw.org>
ASNE.Tidewater.social@gmail.com



TIDEWATER
TIMES
FEB 2020

ASNE TW DINNER/MEETING PROGRAM FEBRUARY 19, 2020

Our next dinner/meeting program will be held February 19, 2020. Event details provided below and a description of our honored guest speaker, Vice Admiral David H. Lewis, Director of the Defense Contract Management Agency.

Place: [Holiday Inn Virginia Beach - Norfolk at 5655 Greenwich Road, Virginia Beach](#)

Time: 5:30 - 6:00 Cocktails and Networking; 6:00 - 8:00 Dinner and Program

Cost:

- Members: \$28 in advance; \$30 at the door
- Nonmembers: \$33 in advance; \$35 at the door
- Military in uniform:
 - ◆ Junior: \$15 in advance / \$20 at the door
 - ◆ Senior: \$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

A Note About Military Dress:

For our Navy and Coast Guard members and guests, we hope you can join us for all our TW events. If you attend in uniform, Service Khaki / Summer White / Tropical Blue, as well as Service Dress Blue are appropriate military dress.

Register and pay in advance at <https://asne-tw.org/events>. Please RSVP online by noon Tues, Feb. 18, 2020.

Vice Adm. David H. Lewis, a native of the state of Washington, graduated in 1979 from the University of Nebraska with a Bachelor of Science in Computer Science and was commissioned through the Naval Reserve Officers Training Corps program. He graduated from the Naval Postgraduate School in 1988 with a Master of Science in Computer Science.

At sea, Lewis served aboard USS Spruance (DD 963) as communications officer, where he earned his surface warfare qualification; USS Biddle (CG 34) as fire control officer and missile battery officer; and USS Ticonderoga (CG 47) as combat systems officer. His major command assignment was Aegis Shipbuilding Program manager in Program Executive Office Ships, where he led the delivery of seven DDG 51 class ships and procured another 10 ships.

At shore, Lewis' assignments include assistant chief of staff for maintenance and engineering; commander, Naval Surface Forces; the Navy secretariat staff; Naval Sea Systems Command staff; Aegis Shipbuilding Program Office; supervisor of shipbuilding, Bath, Maine; and Readiness Support Group, San Diego.

Upon selection to flag rank in 2009, Lewis served as vice commander, Naval Sea Systems Command and then served four years as program executive officer, Ships, where he directed the delivery of 18 ships and procurement of another 51 ships. From 2014-2017 he served as commander, Space and Naval Warfare Systems Command where he led a global workforce of 10,300 civilian and military personnel who design, develop and deploy advanced communications and information capabilities. In May 2017 he assumed command as the director, Defense Contract Management Agency, Fort Lee, Virginia.



Lewis' personal awards include the Distinguished Service Medal (two awards), Legion of Merit (four awards), Meritorious Service Medal (three awards), Navy and Marine Corps Commendation Medal (two awards), Navy and Marine Corps Achievement Medal, and various service and unit awards.



JANUARY 2020 DINNER/MEETING PROGRAM RECAP

Many thanks to our members and guests who attended ASNE TW’s January dinner/meeting program. The evening began with recognition and presentation of a citation to the ASNE TW Engineer of the Quarter (4th quarter 2019) to Hull Technician First Class (SW/EX) **Jeffrey Crebs**, USN. HT1’s Commanding Officer, USS McFaul (DDG 74) **Rusty Williamson**, was on hand to support his sailor. HT1 Crebs was very excited and honored to receive the award. He and his wife Michelle greatly appreciated the recognition by ASNE TW and for the recommendation of award from HT1 Crebs’ Commanding Officer.

Our guest speaker for the evening was **RDML Paul Spedero**, USFFC Fleet Readiness Officer (N02R). The Fleet Integrated Readiness and Analysis (FIRA) Office was established in November, 2019 by ADM Grady with the intent to develop readiness metrics that integrate resourcing inputs to readiness outputs. The newly formed FIRA office is tasked to drive Navy-wide, centrally managed data governance and develop USFFC staff analysis and analytic skills. RDML Spedero serves as the Force Readiness authority to define, analyze, integrate, and articulate readiness through one set of Fleet readiness and material condition policies and standards.

RDML Spedero’s remarks centered on ADM Grady’s Revolutionize Readiness Campaign Plan. “The goal is to ‘bend the curve’ on Readiness ... with urgency - work on the problem, not in the problem ... keep a steady strain avoiding boom or bust cycles and lastly - ‘stop talking and start doing.’ To responsibly grow and dynamically operate the Fleet, we must have effective and predictable sustainability. We must squeeze every ounce of Readiness out of every dollar we get. We must revolutionize how we identify, analyze, and visualize not only current readiness concerns, but also articulate barriers to readiness generation across all echelons and work toward expressing the resources required for the readiness output.”



Clockwise: Guest speaker RDML Spedero addresses members and guests; RDML Spedero presents ET1 Jeff Crebs the ASNE TW Engineer of the Quarter citation, with ET1 Crebs’ wife Michelle and CO Rusty Williamson; Pam Schools thanks RDML Spedero



TIDEWATER
TIMES
FEB 2020

CALLING ALL MEMBERS!

Fill an Open Position

ASNE Tidewater Executive Committee Nominations:

We are in search of eager and enthusiastic individuals to fill two leadership roles within ASNE TW Section's Executive Committee: **Vice Chairperson** and **Secretary**. We will soon be nominating these individuals for the 2020-2021 year and desire your input! Please send in your nominations (for yourself or someone else) to ASNE.Tidewater.Social@gmail.com by **February 29**. See [page 8](#) for descriptions of these positions.

ODU Officer: We would love to get the ODU/ASNE Student Chapter up and running again and we're looking for officers for the current academic year. If interested, please contact Mike D'Amato at Michael.damato@hii-tds.com.

FMMS 2020: We can use your skills and creativity as we plan this very popular event! See details on [page 9](#).

Apply or Recommend a Recipient for a STEM Grant!

Twice a year ASNE Tidewater awards STEM Grant monies to individual or group recipients involved in STEM-related projects! If you would like to apply for the grant or recommend a well-deserving individual or group, please visit our [website](#) to complete the funding application (**due Feb 1, 2020**).



Increase Membership!

It's a brand new year and we're looking for brand new members! Please encourage your colleagues and friends to join ASNE and become part of our Society family. Go [here](#) to join.

Like, Comment, Share and Follow Us on Facebook!

Follow our Facebook page!!

- Like pictures and postings
- Comment on postings in a positive and thoughtful way
- Share with your friends



<https://www.facebook.com/TidewaterSectionASNE/#>

Books Available for Purchase

Professional development books are available for purchase: History of American Naval Drydocks by Richard D. Hepburn \$23; Naval Engineering & American Sea Power by multiple authors \$19; and Marine Casualty Response Salvage Engineering \$55.



Please contact Joe Yurso if interested: (757) 490-5036 // jyurso@qedsysinc.com



American Society of Naval Engineers Tidewater Section

TIDEWATER
TIMES
FEB 2020

ASNE TIDEWATER SPECIAL EVENT: TOUR OF ODU-VMASC

From flight simulation, digital senses immersion, a look into the deep past, diving into a bulkhead on an aircraft carrier, and experiencing the echolocation of a bat in a first person view, ASNE Tidewater members and friends visited multiple simulation labs at ODU's Virginia Modeling Analysis and Simulation Center in Suffolk. Guests learned about various research projects happening throughout ODU-VMASC and were able to experience first-hand some of the virtual reality simulations! As an entity of ODU's modeling and simulation pipeline, VMASC is grounded in the utilitarian principle of improving the human condition and mankind's understanding of the world through innovation and transdisciplinary research and development. Senior Project Scientist and Lab Director **Hector Garcia** explained various ways researchers at VMASC use models, simulations, and visualizations to help create/formulate answers to complex problems, design experiments, analyze data, and interpret results. Guests also visited and learned about ODU-VMASC's Digital Shipbuilding program from Program Manager, **Joe Kosteczko**, and Curriculum Coordinator, **Jessica Johnson**. In the Digital Shipbuilding Lab, guests learned about innovative practices to enhance workforce development, STEM curriculum K-12, and research/development within the maritime industry through an engineering design challenge with virtual reality, augmented reality, and 3D modeling. ODU-VMASC's Digital Shipbuilding team are proud members of the ASNE Tidewater chapter.





TIDEWATER
TIMES
FEB 2020

HRNM HOSTS BRICK BY BRICK LEGO® SHIPBUILDING EVENT

The Hampton Roads Naval Museum (HRNM) is proud to announce the 9th Annual Brick by Brick: LEGO® Shipbuilding event on **Saturday, February 1, from 10:00 am to 4:00 pm**, at the Decker Half Moone Cruise and Celebration Center in downtown Norfolk. This FREE program invites LEGO® shipbuilders of all ages to build and share their creations with fellow enthusiasts and compete for fabulous prizes on one exciting day!

This popular signature event is presented in partnership with the Hampton Roads Naval Historical Foundation. Participants can build a variety of kits ranging from easy to expert, and participate in other activities. Children and adults alike can also bring their pre-constructed LEGO® ships to enter in a contest prior to 2 p.m. on February 1st.

There are two separate contests: one for those who make ships at HRNM, and one for those who built their ships at home. There is no need to register your home built LEGO model; just show up to the event. HRNM will award prizes for five age-based categories in each competition, along with the fan favorite, voted on by YOU!

This FREE family event features:

- STEM-based design plans (easy to expert) to build ships from the keel up in our shipyard of 200+ dry docks
- Hands-on robotic demonstrations and professional LEGO display models
- Free play areas for all ages (LEGOs and Duplos), and crafts for all ages
- A sensory (quieter space) room for alternative-need children

ASNE Tidewater recently awarded a STEM Grant to the Foundation for their LEGO® Shipbuilding STEM-based program and we're excited they included the ASNE logo on their Volunteer tee shirts! A number of our ASNE members will be volunteering at the event. We hope you'll consider being a part of this very special day. For more information about the event, please visit HRNM's [Facebook page](#).



The poster features a background of colorful LEGO bricks. On the left is a LEGO minifigure of a woman in a brown uniform and cap. On the right is a LEGO minifigure of a man in a green camouflage uniform and cap. The text on the poster reads: 'BRICK BY BRICK: LEGO SHIPBUILDING FREE LEGO EVENT! Saturday, February 1st, 2020 10am-4pm Join us at 1 Waterside Drive, Norfolk VA 23510 (Inside the Decker Half Moone Cruise Terminal) AWESOMENESS AND FUN INCLUDE: Use STEM-based design plans to build ships from the keel up in our shipyard of 200+ dry docks! Enter your LEGO ship in the builders' contest Sensory room (quiet space for kids with a diagnosis of Autism Spectrum Disorder) Hands-on robotic demonstrations and professional LEGO display models'. At the bottom left is the Naval Museum logo, and at the bottom right is a photograph of a large, detailed LEGO model of a ship. Contact information is provided at the bottom: 'For information visit: www.facebook.com/HRNavalMuseum or call (757) 322-3106'.



TIDEWATER
TIMES
FEB 2020

NOMINATIONS FOR ASNE TIDEWATER'S EXECUTIVE COMMITTEE

As you may know, each ASNE Section's Executive Committee is comprised of a group of members who work together to implement ASNE's mission:

- Advance the knowledge and practice of naval engineering in public and private applications and operations,
- Enhance the professionalism and well-being of members, and
- Promote naval engineering as a career field.

The **ASNE Tidewater Section** is seeking nominations to fill two officer positions for 2020-2021 (July 1 to June 30). Below is a list of the open positions and responsibilities:

Vice Chair

- Uses and maintains the Section's "Section of the Year" spreadsheet and point totals
- Fills in for the Chair at events and will fleet up to Chair after one-year term
- Writes blurbs, takes pictures, and outlines articles for the newsletter

Secretary

- Coordinates meetings, updates agendas and meeting minutes
- Uses and maintains the Section's Google account for emails, document archive, and calendar
- Writes and publishes monthly newsletter
- One-year term

Please submit your nomination(s) to ASNE.Tidewater.Social@gmail.com by **February 29**. You may nominate yourself or someone else. Elections will be held in March, and elected members announced in April.

A non-elected Executive Committee position is also available. If you are interested in this position, please submit your name to ASNE.Tidewater.Social@gmail.com.

Education and STEM Development Committee Chair

- Coordinates STEM activities with collegiate chapters and local school organizations
- Organizes local short courses and establishes continuing education credits for each meeting
- Point of contact for ODU, local high schools, and organizations for communication with the Chapter on events, STEM grants, and other opportunities

We look forward to hearing from you!





TIDEWATER
TIMES
FEB 2020

FMMS 2020 - VIRGINIA BEACH, VA

Hello Members and Friends,

We are in the planning stages for the Fleet Maintenance and Modernization Symposium (FMMS) 2020 which will be here before we know it! The Committee would love your input and involvement.

Symposium Details:

- ◆ Date: September 14-17, 2020
- ◆ Location: Virginia Beach Convention Center, Virginia Beach, VA
- ◆ Theme: *From Sailor to Shipyard, Improving Fleet Readiness*

Call for Papers:

If you are interested in writing and submitting a technical paper, here are some of the details:

- ◆ Important dates:
 - * March 15, 2020: Abstracts Due
 - * May 17, 2020: First Draft Papers Due
 - * July 27, 2020: Final Draft Papers Due
- ◆ Suggested Topical Areas:
 - * Readiness: On-Time Delivery, Current Operational Readiness and Availability of our ships, systems and sailors
 - * Future Capability: In-Service Modernization, New Platforms, Technology Refresh, & R& D investment Plans, strategies and challenges to achieve force structure requirements
- ◆ For more information on submission requirements, please visit our [website](#).

Next Committee Meeting:

- ◆ Thursday, February 13
- ◆ 11:30am – 12:30pm
- ◆ HII Technical Solutions:
5701 Cleveland Street 4th Floor
Virginia Beach, VA

Cheers,
Charlie Pfeifer
Chair, FMMS 2020
Charlie@cpgfam.net



Fleet Maintenance & Modernization Symposium
FMMS





TIDEWATER
TIMES
FEB 2020

ASNE 2020 EVENTS VISION

The American Society of Naval Engineers is delighted to share the 2020 Events Vision. We have a very exciting calendar of events with even more coming. Stay tuned! For now, check out what's in store and envision your future with ASNE.

Email meetings@navalengineers.org for more information or visit www.navalengineers.org to register today!

Advanced Machinery Technology Symposium (AMTS)

Event Date: April 1-2, 2020
 Event venue: Philadelphia 201 Hotel, Philadelphia, PA
 Sponsorships: OPEN
 Exhibits: OPEN (table tops only)
 Registration: OPEN, Early bird deadline February 21
 Hotel Block: OPEN (until Feb 25)
 Learn more at: <http://www.navalengineers.org/Symposia/AMTS2020>



**Advanced Machinery
Technology Symposium**

**April 1-2, 2020
Philadelphia, PA**

MegaRust

Event date: May 19-21, 2020
 Event venue: Marriott Mission Valley, San Diego, CA
 Sponsorships: OPEN
 Exhibits: OPEN (selling quickly!)
 Call for Papers: Abstracts due February 20
 Registration: OPEN, Early bird deadline April 10
 Hotel Block: OPEN (until April 20)
 Learn more at: <http://www.navalengineers.org/Symposia/MegaRust-2020>



Technology, Systems & Ships (TSS)

Event date: June 16-18, 2020
 Event venue: Sheraton Pentagon City Hotel, Arlington, VA
 Sponsorships: Coming SOON
 Call for Papers: Abstracts due February 7
 Registration: OPEN, Early bird deadline May 1
 Learn more at: <http://www.navalengineers.org/Symposia/Technology-Systems-and-Ships-2020>



**ASNE TECHNOLOGY,
SYSTEMS & SHIPS**
 JUNE 18-20, 2019
 FHI 360 | Washington, DC

Multi-Agency Craft Conference (MACC)

Event date: July 15-16, 2020
 Event venue: USCG Yard, Baltimore, MD
 Sponsorships: Coming SOON
 Exhibits: Coming SOON
 Call for Papers: Abstracts due April 17
 Registration: OPEN, Early bird deadline June 5
 Hotel Block: Coming later
 Learn more at: <http://www.navalengineers.org/Symposia/MACC-2020>



AT THE U.S. COAST GUARD YARD
 ★ ★ ★
**July 15-16, 2020
Baltimore, MD**

Fleet Maintenance and Modernization Symposium (FMMS)

Event date: September 14-17, 2020
 Event venue: Virginia Beach Convention Center, Virginia Beach, VA
 Sponsorships: OPEN
 Exhibits: OPEN
 Call for Papers: Abstracts due March 15
 Registration: Coming soon
 Hotel Block: OPEN
 Learn more at: <http://www.navalengineers.org/Symposia/Fleet-Maintenance-and-Modernization-Symposium-2020>

