

TIDEWATER TIMES

AMERICAN SOCIETY OF NAVAL ENGINEERS TIDEWATER SECTION



JANUARY 2023 NEWSLETTER

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CHAIR'S LETTER TO THE MEMBERSHIP

SECTION OFFICERS

Chair: Renée Reedy
328-0030 // renee.reedy@r2solutionsllc.com

Vice Chair: Joe Kosteczko
232-1859 // jkostecz@odu.edu

Secretary: Neil St. Clair
630-4173 // nstclair@fairleadint.com

Treasurer: Chuck Doty
298-9394 // chuckdoty0303@gmail.com

SECTION COMMITTEES

Arrangements & Newsletter: David Jarvis
636-1661 // dj Jarvis79@gmail.com

EOQ Awards: Andy Vasquez
434-8223 // mightymo5@verizon.net

FMMS: Charlie Pfeifer
424-2013 // charlie@cpgfam.net

FMMS: Jessica Galassie
(609) 668-1797 // galassie@gmail.com

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

Membership Chair: LaRue Dickinson
969-0770 // ldickinson@aerotek.com

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

Programs Co-Chair: Juan Orozco
(571) 529-4447 // jorozco@auxsysinc.com

Programs Co-Chair: Garrett Farman
793-8611 // gfarman@tsoln-inc.com

Section Councilor: Vincent Janowiak
534-1904 // vincent.janowiak@hii-tds.com

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

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

(Area code 757 unless specified)

Greetings Tidewater Members and Friends,

Happy New Year! 2022 was a year of coming back! Back to school, back to work, back to traveling, back to in-person Symposia and back to "normal". If you attended our last dinner/meeting, you heard our Society President, **Adm. Hugel**, USN (Ret) talk about how we as a Society weathered the COVID storm and are on the road to regaining our footing both technically and financially, ending the year with a very successful Fleet Maintenance Symposium in Virginia Beach in September. While the Society still has some work to do to fully recover from the "COVID" years, the hard work and dedication of the Tidewater Section members who made FMMS 2022 a success, have paved the way for continuing the important work of the Society as we kick off 2023.

Part of that work, as stated in our Mission, is to "advance the art, science, and practice of naval engineering." To do that we need to invite and recruit young engineers to join us. That said, I am happy to announce that the Tidewater Section was awarded the 2021-2022 Recruiting Award as the Section with the highest percentage gain in section members (no easy feat since we are also one of the largest sections!). Bravo Zulu to our Membership team and all those who brought someone new to the group!

Congratulations to all of the ASNE Annual Section Award Winners:

ASNE 2021-2022 Section Awards

Section of the Year: San Diego
Runner-up: Central Gulf Coast
Recruiting Award: Tidewater
Productivity Award: Central Gulf Coast
Runner-up: Metropolitan
Most Improved: San Diego
Runner-up: Northern New England

Looking forward to the New Year, it promises to be a busy one in Tidewater with a robust dinner program kicking off January 18th with **RADM Brendan McLane**, USN, Commander Naval Surface Force Atlantic, and two Symposium scheduled in Tidewater in June (MegaRust June 13-15 and MACC June 26-28.) Be sure to check out the newsletter and our website for future events so you don't miss any!

A few quick reminders....

- **January 23** is the deadline to submit annual award packages. Check out the Society website for more info on the [ASNE Annual Awards](#).
- **February 6** is the deadline for submission of ASNE Scholarship packages. If you are a student, parent of a student or know a student interested is pursuing a degree in a field related to naval engineering, be sure to check out the information on [page 9](#) to apply for an ASNE scholarship for the 2023-2024 school year.
- Finally - calling all students! Now is the best time to become an ASNE member and start building your network. We have enough funds pledged so that no student should have to pay anything. Pass it on to any student you know and point them in our direction. We'll get them signed up.

As you finalize your New Year's Resolution list, consider adding ASNE TW to your list to bring a new member to the group – you will be helping them both professionally and personally, ...and get involved! There is no better time to volunteer and join one of our teams. Thank you again for all you do to support our Section. I hope to see you all at our next dinner/meeting on January 18th!

Renée Reedy
ASNE TW Section Chair
ASNE.Tidewater.Social@gmail.com



American Society of Naval Engineers Tidewater Section

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ASNE TW JANUARY DINNER/ MEETING PROGRAM

The ASNE Tidewater Section will hold the next dinner/meeting program on **January 18, 2023**. Our guest speaker is **RADM Brendan McLane**, Commander, Naval Surface Force Atlantic. We look forward to seeing you!

Place: Holiday Inn Virginia Beach-Norfolk at 5655 Greenwich Road, Virginia Beach

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

Cost:

- Members: \$33 in advance / \$35 at the door
- Non-members: \$38 in advance / \$40 at the door
- Military: \$20 in advance / \$25 at the door
- Students: \$10 in advance / \$15 at the door

Please register on our [website](#) by **noon Monday January 16**.

Rear Adm. Brendan McLane is a 1990 graduate of the U.S. Naval Academy with a bachelor's degree in History. He earned a master's degree in Public Administration from Troy University and graduated with highest distinction from the Naval War College with a master's degree in National Security Affairs. He completed the Massachusetts Institute of Technology's Seminar XXI and the Naval Operational Planning Course (now Maritime Advanced Warfighting School).

At sea, he served aboard USS Lewis B. Puller (FFG 23), USS Vicksburg (CG 69), USS Moosbrugger (DD 980), Destroyer Squadron 14, and USS Simpson (FFG 56). While in command of USS Carney (DDG 64), his ship won the Battle E & Battenberg Cup and deployed with the Eisenhower Carrier Strike Group to U.S. 5th Fleet. In major command, he served as commodore of Destroyer Squadron 50; and commanded Task Force 55 and Coalition Task Force 152, U.S. 5th Fleet. As a flag officer, he led Navy Recruiting Command and Carrier Strike Group Ten.

McLane serves as the 60th commander of Naval Surface Force Atlantic.

Ashore, he served on the staff of the U.S. Naval Academy, the OPNAV N3N5 Staff, and as the chief of staff, Naval Surface Force Pacific. Overseas, he deployed to Iraq with the U.S. Army's 354th Civil Affairs Brigade, and ran the Israel Desk in the J5 of the U.S. European Command, and directed the U.S. 6th Fleet Maritime Operations Center.





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ASNE TW DECEMBER DINNER/MEETING HIGHLIGHTS

We were honored to have **RADM Mark Hugel, USN (Ret)**, ASNE President, speak at our December meeting. Mark updated the dinner guests with 2022 ASNE activities, highlighting ASNE TW’s very successful Fleet Maintenance and Modernization Symposium held in Virginia Beach this past September. Mark also promoted two major ASNE events happening in June 2023 also in the Hampton Roads area – Mega Rust 2023 and the Multi-Agency Combatant Craft Conference (MACC).

An additional highlight at the dinner was recognition of **EN1 Lujain Conroy, USN (SW/IW)** as ASNE TW’s Engineer of the Quarter. EN1 Conroy is assigned to USS Fort Lauderdale (LPD 28) and had several of her shipmates in attendance. The sailor was recommended for the award due to her “consistently demonstrating superior performance in the execution of her duties.” She “tremendously enhanced the overall readiness of Fort Lauderdale’s Engineering Department and crew,” according to her Commanding Officer, **James A. Quaresimo**. “As the ship’s Oil King, her technical expertise and leadership are unparalleled.” Congratulations to EN1 Conroy!



L to R: Admiral Hugel, Commanding Officer Quaresimo, EN1 (SW/IW) Lujain Conroy, Renée Reedy



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2023 HAMPTON ROADS MATE ROV COMPETITION

We want to inform our ASNE TW members to SAVE THE DATE for the 2023 Hampton Roads Marine Advanced Technology Education (MATE) Remotely Operated Vehicle (ROV) competition.

More information will follow, but here is some information from our ODU contacts:

Date: **12th-13th May 2023**

Where: **ODU Campus Pool**

POCs: **Jessica Johnson**, j17johnso@odu.edu

Jennifer Renne, jrenne@odu.edu

“The MATE ROV Competition is an underwater robotics challenge that engages a global community of learners each year. This year, the MATE ROV Competition is highlighting the United Nations Decade of Ocean Science for Sustainable Development and inspiring our global community to embrace environmental, social, and governance (ESG) efforts to create a sustainable future on our ocean planet. The competition is challenging its community to design and build an ROV and the necessary sensors and tooling to support work to combat climate change, provide clean energy, feed our growing global population, monitor ocean health, preserve our maritime history, and ‘deliver, together, the ocean we need for the future we want!’”

The event coordinators will be reaching out to industry and partners in the new year. They will be looking for volunteers (adults and students) and sponsorship (specifically industry sponsorship). They would like ASNE members to share their [website](#) information with the companies they own or work for.

Benefits to consider:

- An opportunity to connect with the future workforce.
- A venue for outreach by industry.

“MATE's mission is to inspire and challenge students to learn and creatively apply science, technology, engineering, and math to solving real-world problems in a way that strengthens critical thinking, collaboration, entrepreneurship, and innovation.”





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LEGO® SHIPBUILDING EVENT 2023

The Hampton Roads Naval Museum is having their annual LEGO® Shipbuilding event on **Feb. 4, 2023!** The event will take place at the Half Moone Cruise Terminal, 1 Waterside Drive, Norfolk, VA. The event is completely FREE of charge and runs from 10am to 4pm. ASNE Tidewater is excited to once again be a sponsor of the event!

The graphic features a background of colorful LEGO bricks. On the left is a white LEGO minifigure of a sailor. On the right is a black LEGO minifigure of a captain. In the center, the text reads: **BRICK BY BRICK: LEGO SHIPBUILDING FREE LEGO EVENT!** **Saturday, February 4th, 2023 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 are logos for the Naval Museum and Navy League, and a QR code. On the right is a large, detailed LEGO model of a ship's hull.

This event includes a LEGO® shipbuilding contest (either bring a ship that you built at home or build one on-site), build-a-ship activities with designs made by Hampton Roads Naval Museum staff, crafts, robotics, ship displays, free-play areas for both Legos and Duplos, and much more!

Also, **HRNM is looking for volunteers for the event!** There are ample volunteer opportunities along with volunteer trainings on the following dates/times:

- Tuesday, January 10, 2023 at 1500
- Saturday, January 15, 2023 at 0900
- Wednesday, January 18, 2023 at 1500
- Saturday, January 21, 2023 at 0900

All volunteer training sessions will last approximately 1.5 hours. There will be a walkthrough of the building and details provided of the volunteer opportunities. If you are interested in volunteering, please complete the [Volunteer Interest Form](#). If there are specific volunteer related questions about LEGO®, contact Zac Cunningham at zachary.a.cunningham2.civ@us.navy.mil or call (757) 322-2985.



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ASNE MEMBERSHIP RATES SIGNIFICANTLY REDUCED!

ASNE NEW MEMBERSHIP RATES



Active-Duty Military / U.S. Gov't Personnel. Rate: ...	\$60 { Auto-Renew: \$48 }
ASNE Annual Member. Rate:	\$96 { Auto-Renew: \$72 }
Young Engineer Member. Rate:	\$60 { Auto-Renew: \$48 }
Student Membership. Rate:.....	\$24 { No Auto-Renew }
Spouse Member. Rate:	\$35 { Auto-Renew: \$24 }
Digital (e-membership). Rate:	\$72 { Auto-Renew: \$60 }
Emeritus Members. Rate:	\$50 { No Auto-Renew }

CONNECT WITH SUCCESS, BECOME A NEW MEMBER TODAY!

ASNE is excited to announce *significantly reduced* rates for all membership categories available to naval engineers and STEM advocates who support providing the best technology, education, and resources available to the naval community they serve.

ASNE has also launched a new auto-renew program that provides discounted rates (some categories at one-third to one-half the previous rate) for those who opt in.

New Membership Rates:

Active-Duty Military / U.S. Gov't Personnel. Rate:	\$60 { Auto-Renew: \$48 }
ASNE Annual Member. Rate:	\$96 { Auto-Renew: \$72 }
Young Engineer Member. Rate:	\$60 { Auto-Renew: \$48 }
Student Membership. Rate:.....	\$24 { No Auto-Renew }
Spouse Member. Rate:	\$35 { Auto-Renew: \$24 }
Digital (e-membership). Rate:	\$72 { Auto-Renew: \$60 }
Emeritus Members. Rate:	\$50 { No Auto-Renew }

New Lifetime Membership Rates:

Current age 59 and under. Rate:.....	\$1,980
Current age 60-79. Rate:.....	\$990
Current age 80+. Rate:.....	\$96

We hope that, if you are able, you will consider adding a contribution to ASNE so we can continue and expand our scholarship, professional development and STEM educational resources to active-duty personnel, veterans, young professionals and students.

Visit our website to view more information on our benefits and our new auto-renew program. Questions? Please email membership@navalengineers.org or call us at 703-836-6727.

For information on registration, sponsorships, tabletops, and more please visit:
<https://www.navalengineers.org/Membership/Membership-Application>



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CALL FOR ASNE 2022 AWARD NOMINATIONS IS NOW OPEN!

The call for ASNE's Annual Awards Program Nominations is now Open!
There is no award more meaningful for a true professional than that given by one's peers.

ASNE Annual Awards

Each year the American Society of Naval Engineers (ASNE) celebrates excellence in our profession by recognizing individuals who have demonstrated exceptional achievement in one or more facets of naval engineering. The prestigious ASNE Annual Awards Program honors professionals engaged in any of the many aspects of naval engineering, including government employees, members of the uniformed services, and those employed in the defense industry, in academia, or elsewhere in the private sector.

Society Awards

ASNE Gold Medal Award (Engineering)
Solberg Award (Research)
Harold E. Saunders Award (Lifetime Achievement)
Frank G. Law Award (Service to ASNE)
Claud A. Jones Award (Fleet Engineering)
Frank C. Jones Award (Intermediate/Depot Maintenance & Alterations)
Rosenblatt "Young Naval Engineer" Award
"Jimmie" Hamilton Award (Best Technical Paper)
Clifford G. Geiger Award (Naval Logistics)

Student Awards

Student awards are given by ASNE at the following academies and universities for outstanding performance in a particular area.

U.S. Naval Academy
U.S. Coast Guard Academy
U.S. Merchant Marine Academy
Brand Award--MIT Naval Construction & Engineering Course (2N)
Surface Warfare Officer School Command--Senior Officer School Material Readiness Course "Top Snipe"

Review the [2022 ASNE Award Nomination Guidelines](#)

To submit a nomination, please download the [2022 Nomination Template](#). Email your nomination package to: awards@navalengineers.org by close of business, **Monday, January 23, 2023!**

For further information, please email awards@navalengineers.org or call ASNE HQ at (703) 836-6727.



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ASNE 2023-2024 SCHOLARSHIP PROGRAM

SCHOLARSHIPS

ASNE has awarded more than **600** scholarships totaling **\$1,600,000+** to undergraduate and graduate students interested in pursuing an education and career in naval engineering.

Eligibility:

Undergraduate students during their junior and/or senior academic year and graduate students pursuing a degree related to:

- Naval Architecture
- Ocean Engineering
- Mechanical Engineering
- Marine Engineering
- Civil Engineering
- Aeronautical Engineering
- Electrical Engineering
- Systems Engineering
- Computer Science
- Engineering Technology
- Applied Mathematics and Physics
- Other related fields as accepted by the ASNE Scholarship Committee

Application submissions are now OPEN for the 2023-2024 academic year!

Here is a [link](#) to the Scholarship Application, general information, and instructions.

The application deadline is February 6, 2023.

Candidates must be U.S. citizens.

For application information or to donate to the scholarship fund, email:
scholarships@navalengineers.org



Application submissions are now OPEN for the 2023-2024 academic year

WWW.NAVALENGINEERS.ORG/SCHOLARSHIPS



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MEGARUST 2023 CALL FOR PAPERS!



ASNE is hosting MegaRust at the Hampton Roads Convention Center June 13-15, 2023, and the Call for Papers is officially open!

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.

Submissions of both presentations and technical papers are welcomed. Presentations are sought that will provide participants the latest information and status of corrosion control programs and efforts, implementation of recently approved processes, tools and materials, best practices and lessons learned, and unmet needs looking for near term solutions. The goal is to assist those responsible for corrosion control by providing new, affordable products, processes, and solutions.

Important Dates:

- **March 15, 2023** - Deadline to Submit Abstract
- **April 6, 2023** - Authors Notified of Selection
- **May 5, 2023** - Draft Papers/Presentations Due
- **May 23, 2023** - Final Presentations Due

For more information, submission guidelines or to submit an abstract, please visit:

<https://www.navalengineers.org/Symposia/MR2023>



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MACC IS COMING TO PORTSMOUTH!

Multi-Agency Craft Conference **MACC**

June 27-29, 2023 ★ Portsmouth, VA

Anchor down with ASNE at MACC!

Join us **June 27-29** in Portsmouth, VA to experience cutting-edge craft in the in-water demos as well as a thoughtful exchange of operational and technical information on small boats and craft. This conference always brings together a wonderful cross section from government agencies, universities, corporations, and the entire maritime community.

Plus! See the 25 university-built craft race in the five-mile Promoting Electric Propulsion competition in the Elizabeth River. Cheer on your alma mater!

Sponsor, exhibitor and attendee registration is now open! Early Bird registration rates sail away quickly, so register today!

Current ASNE Corporate Support members receive priority Exhibitor / In-Water Demo location selection, and significantly discounted rates for exhibiting and sponsoring at MACC!

For all MACC details and registration, please visit our website:

<http://www.navalengineers.org/Symposia/MACC2023>

Interested in sponsorship or exhibit opportunities? Email sponsorships@navalengineers.org