

# TIDEWATER TIMES

## AMERICAN SOCIETY OF NAVAL ENGINEERS TIDEWATER SECTION



### DECEMBER 2022 NEWSLETTER

#### ASNE TIDEWATER “QUICK LOOK”

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Jan. 18, 2023	ASNE TW Dinner/Meeting - RADM Brendan McLane, Commander, Naval Surface Force Atlantic	
Feb. 15, 2023	ASNE TW Dinner/Meeting - TBD	

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## CHAIR'S LETTER TO THE MEMBERSHIP

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Greetings Tidewater Members and Friends,

As we finish off the last turkey sandwich, and before we run full speed into the holiday season, what better time to reflect on all we are thankful for.

High on my list is the number and enthusiasm of our members who volunteer to support our Section, our Communities, our Society, and our Nation. As you read through the newsletter, remember that without these active members, the pages would be blank.

As many of you heard, ODU is taking a leadership role in a coordinated, regional effort to ensure a thriving maritime ecosystem that benefits not only Hampton Roads, but the entire Commonwealth. For our November dinner/meeting, we were excited to hear from **Ms. Elspeth McMahon**, the inaugural Associate Vice President for Maritime Initiatives at Old Dominion University, who is leading that effort. Ms. McMahon shared her vision of how to better align the maritime industries in Hampton Roads. At the end of her talk, our members were lined up to see how we can help in realizing that vision.

Please note the change in our December meeting guest speaker, as we welcome the President of ASNE, **Admiral Mark Hugel**, USN (Ret), on December 14th. We look forward to hearing his remarks on the Society and what the future holds. Be sure to get this one on your calendar.

If you are a student, parent of a student, or know a student interested in pursuing a degree in a field related to naval engineering, be sure to check out the information on [page 10](#) to apply for an ASNE scholarship for the 2023-2024 school year. The deadline to submit your package is fast approaching.

Also, calling all students! Now is the best time to become an ASNE member and start building your network. We have enough pledged free student memberships inside our local section 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.

Be sure to check out the newsletter and our website for future events and get involved! 2023 is shaping up to be a busy year and there is no better time to get involved and join one of our teams.

Thank you again for all you do to support our Section!

Hope to see you all at our next dinner/meeting on Dec 14th.

Renée Reedy  
ASNE TW Section Chair  
[ASNE.Tidewater.Social@gmail.com](mailto:ASNE.Tidewater.Social@gmail.com)





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## ASNE TW DECEMBER DINNER/ MEETING PROGRAM

The ASNE Tidewater Section will hold the next dinner/meeting program on **December 14, 2022**. The program will be an in-person event only. Our guest speaker is **RADM Mark Hugel, USN (Ret.)**, ASNE President. 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 December 12**.

RADM Mark Hugel, USN (Ret.) is the Senior Vice President, Submarine Logistics & Product Lifecycle Campaign for CACI International, Inc. He was commissioned in June 1977 after earning a Bachelor of Science degree in Systems Engineering from the United States Naval Academy. He was accepted into the Navy Nuclear Propulsion Program and was subsequently assigned to sea tours in USS ENTERPRISE (CVN 65), USS MISSISSIPPI (CGN 40) and USS ABRAHAM LINCOLN (CVN 72). While assigned to MISSISSIPPI, he was designated a Surface Warfare Officer and during his tour in ABRAHAM LINCOLN, he was accepted for lateral transfer into the Navy's Engineering Duty Officer Program.

In June 1992, Rear Admiral Hugel completed his graduate education at the Massachusetts Institute of Technology, earning a Master of Science degree in Naval Architecture and Marine Engineering, and a Master of Science degree in Mechanical Engineering. He subsequently served in acquisition, shipbuilding and ship maintenance tours at Supervisor of Shipbuilding, Newport News, Virginia and Norfolk Naval Shipyard, Portsmouth, VA.

In his third tour at Norfolk Naval Shipyard, he was the 100th Shipyard Commander. After promotion to Flag rank, he was Deputy Director for Fleet Readiness on the Chief of Naval Operations staff, and his last active duty assignment was as Deputy Commander, Logistics, Maintenance and Industrial Operations (SEA04), at the Naval Sea Systems Command. After retiring from the Navy in 2009, he began his employment with CACI and was selected to lead CACI's Norfolk, Virginia office. During his tenure at CACI, he was initially the Division Group Manager and Operating Group Manager for Navy Logistics, and subsequently led the initial stand-up of the Logistics and Material Readiness (LMR) market team.

His current assignment is as Senior Vice President and leader of CACI's Submarine Logistics and Product Lifecycle Management campaign team, continuing his lifelong work as a logistics and maintenance professional.





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## ASNE TW NOVEMBER DINNER/MEETING HIGHLIGHTS

Our November dinner/meeting guest speaker was **Ms. Elspeth McMahon**, ODU Associate Vice President for Maritime Initiatives. Elspeth discussed ODU’s future establishment of the School of Supply Chain, Logistics, and Maritime Operations and her role coordinating ODU's programs, outreach, and services that engage with the region's maritime enterprises. These include port logistics and supply chain; shipbuilding and repair; naval sustainment; offshore wind energy; and coastal resilience. Following her presentation there was an excellent Q&A period with the dinner attendees.



FUTURE DINNER/MEETING PROGRAM DATES	
DECEMBER 14	2022
JANUARY 18	2023
FEBRUARY 15	2023
MARCH 15	2023
APRIL 19	2023
MAY 17	2023





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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](mailto: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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## STEEL AMERICA'S OPEN HOUSE AT COLONNA'S SHIPYARD

Some of our members and guests attended the Open House at Steel America last month. **Jessica Galassie** noted “the new technology and machinery is amazing. This would be a great tour for High School and College students...to see the industry using manufacturing machines and how the trades now need to know the hands on work and control the machines helping them.”

**Vance Hull**, Director of Business Development at Colonna's, said he thought it was a successful event, well attended, and lots of interest shown. **Chris Chapman**, Director of IMS, Steel America, thanked the visitors who attended their Open House: “On behalf of all my colleagues here at Steel America, we appreciate your attendance at our open house. We thoroughly enjoyed showing off the new buildings, expanded fabrication and machining capabilities with you! With our advanced capabilities, the Steel America team is ready and willing to assist with your future projects.”





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### STEM GRANT AWARDED TO LOCAL ELEMENTARY SCHOOL

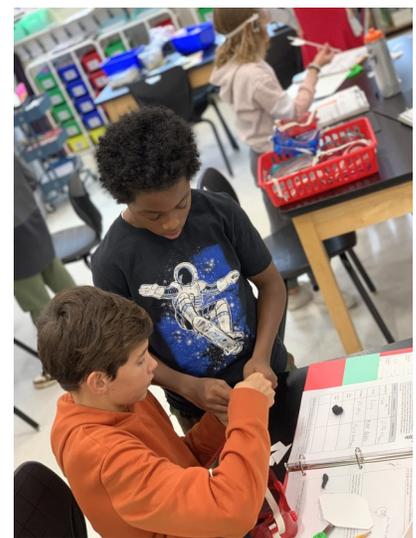
Atlantic Shores Christian School's (ASCS) STEM Academy in Chesapeake exists to encourage creativity, perseverance, and problem solving in their students, igniting a love for learning as they grow. The students are exposed to scientific concepts with real world applications in a fun and exciting environment. The STEM program at ASCS is a unique educational program designed to engage students in exploratory learning and help the students develop necessary critical thinking skills. Instruction is inquiry-based, process-focused and student-centered. Teamwork, collaboration and communication is a major focus, in addition to providing students the opportunity to have ownership of their own learning. Technology provides creative and innovative ways to solve problems and apply what has been learned.

The military, particularly the Navy, is well represented in ASCS's student population and they like to expose the students to the various branches of engineering that our servicemen and women are involved in.

For those reasons and more, ASNE Tidewater was excited to provide a STEM grant to ASCS in October 2022. The school's STEM teacher and students were very grateful! Below is a message from the teacher and pictures of the students engaging in their STEM activity with the equipment purchased with the awarded funds.

From **Ms. Jessica Sallee**, STEM/Science Lab Teacher, ASCS:

"Thank you so much for the grant. My students are already enjoying the rocket purchases I was able to make! I'm attaching some pictures of my fifth graders creating and testing straw rockets with the launcher I bought. This week and next they will be building the model rockets I purchased with the grant money. We will launch those after Thanksgiving."

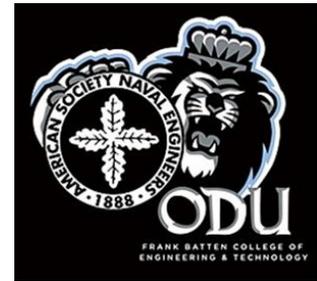




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## ASNE TW ODU STUDENT CHAPTER

The ASNE Tidewater ODU Student Chapter has had an eventful semester. It began with the ODU Organization Fair where they had 20 students join the Chapter! They had their first tour of the year at the Virginia Modeling, Analysis & Simulation Center (VMASC) at ODU. It was an interesting and engaging tour of the facility (see pictures below). Next, the Chapter invited **James Deputy** to come and give a presentation about the ASNE scholarship opportunities. Mr. Deputy is on the ASNE National Scholarship Committee and a member of the Tidewater Section. The students really appreciated his informative presentation about scholarship program.



The ASNE TW ODU Student Chapter is now gathering nominees for a new ASNE ODU Student Chapter Chairperson. For more information about the Chair position or about the ODU Chapter in general, please contact ODU Student Chapter President **Daniel Erdogan** at [derdo001@odu.edu](mailto:derdo001@odu.edu).





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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](mailto:awards@navalengineers.org) by close of business, **Monday, January 23, 2023!**

For further information, please email [awards@navalengineers.org](mailto: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](mailto:scholarships@navalengineers.org)

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

[WWW.NAVALENGINEERS.ORG/SCHOLARSHIPS](http://WWW.NAVALENGINEERS.ORG/SCHOLARSHIPS)



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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](mailto:sponsorships@navalengineers.org)**