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SNAME NEWS

October 2024

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PRESIDENT'S CORNER



Rick Spaulding President president@sname.org I'm pleased to announce that last week's SMC 2024 was a huge success. Attendees were treated to relevant/thought-provoking panels and technical papers, and had plenty of opportunities to network with peers and suppliers from 27 different companies. In addition, SNAME held its first annual highschool mentor program where over 60 students from five different local school districts attended a maritime careers information program Monday 14 October 2024. Leaders from Dominion Energy, Newport News Shipbuilding, and the United States Coast Guard and McCallister Towing provided an overview of career opportunities and educational requirements in the areas of ship design, ship construction and repair, vessel operations, and offshore wind. Industry has signaled the need for skilled engineers and production workers. SNAME, with its 20 professional sections and over 4300 members around the globe is in a prime position to reach out to local schools and provide STEM awareness programs and presentations to help encourage students seeking a maritime career. This program is just another method of outreach to local schools to build this interest.

Jennifer Boykin, President of Newport News Shipbuilding spoke during the annual Awards Banquet. Her message was a call to action for all to work on initiatives to build a skilled workforce to support our current and projected industry demand including the supply base. She noted that the workload is growing for ship design, construction, and overhaul over the next couple years and stated that Newport News Shipbuilding's drydocks, piers, and shops are filled to capacity. By now you should have received your October copy of *MT* Magazine. We've changed the format of *MT* starting with the October edition. We will continue to refine all of our journals, publications, and text books as well as this news letter to ensure that the layout makes sense and articles are interesting, relevant, and readable. Please provide us with any comments that you may have. There are a number of exciting SNAME activities between now and the end of the year including section events, webinars, and symposia, all of which are highlighted in this newsletter. I encourage you to check them out. I'm sure that you will find a topic that you find of interest.

Last year I suggested to the Executive Committee that SNAME must be agile and willing to adjust its focus if we are to remain the preeminent source of relevant research, papers, and guidelines for the implementation of emerging technologies and best practices in support of industry needs. I asked the Planning Committee to study association governance best practices and to brief the Executive Committee on actions we should take to improve our operations model. The Executive Committee, Council, and membership have approved a change in our governance model which will result in improved communications, decision making, and create an environment of continuous improvement in SNAME. Stay tuned for the November newsletter where I will provide details of this change and the supporting action plan for its implementation.

ON THE COVER

SNAME Presidents – Past, Present, and Future – at SMC 2024

Left to Right: Edward Comstock; Suzanne Beckstoffer, BayPort Credit Union; Rick Spaulding; Bruce Rosenblatt, Rosenblatt & Associates, LLC; Richard Mueller, NETSCo.

HQ UPDATE

EXECUTIVE DIRECTOR'S MESSAGE

I previously mentioned that one of my goals is getting to know SNAME members. Over the last few weeks, I've had wonderful opportunities to do so and would like to share my thoughts and photos from the events I've attended.

SNAME GREAT LAKES/GREAT RIVERS SECTION FALL MEETING



RELAXING POST-EVENT

Left to Right: Nick Hunter, NETSCo; Graham Gajewski, Duramax Marine; Travis Martin, Bay Engineering Inc.; Rick Spaulding, SNAME; Clayton Spaulding, NX Fuels; Eric Helder, Interlake Maritime Services; Anika K. Szuszman, University of Michigan; Joseph F. Dolder, NETSCo; Richard A. Mueller, NETSCo.

AN IMPRESSIVE AND FUN EVENT!

Held on 18-19 September on the University of Michigan campus, this event was the perfect blend of fact and fun. The papers presented were outstanding, and I was particularly impressed by the student presentations which were not only well done but offered thought-provoking and technical solutions to real-world problems, including through robotics. They were also a testimony to the University of Michigan's strong naval architecture and marine engineering program (over 141 years old) and state of the art facilities, such as the marine hydrodynamics and computational autonomy and robotics labs.

One conversation that I keep thinking about is a long-time SNAME member candidly expressing his surprise, albeit a pleasant one, that SNAME HQ would be present at a Section event. I was equally surprised as it didn't occur to me otherwise. See you all soon!

and the second second

HQ UPDATE

SSI WORLD SHIPBUILDING CONFERENCE 2024-AMERICAS

A True Networking Opportunity!

Held in Biloxi, Mississippi 24-26 September, there is no question that business ties were strengthened at this event. Special thanks to Patrick "Pat" Roberts (SSI VP Sales & Operations and SNAME Fellow) for suggesting that SNAME engage. We were happy to speak at, be affiliated with, and help sponsor the event. We also thank Pat for recognizing SNAME President Rick Spaulding's contributions to the industry and in supporting the conference. Rick was meant to attend and speak at the conference, and I was his substitute.

My presentation focused on the value of SNAME to individuals and their companies. From my perspective, SNAME adds value in four key areas:

- ▶ Technology & Research;
- Publications;
- Educational Programs; and
- > Networking Opportunities.

Our weakness is in telling our story. We are an organization of volunteers that "just do." My goal as Executive Director is to spread the word about the valuable reasearch that is being conducted, the continuing education courses that are offered, and the mentoring and networking opportunities that have the potential to profoundly enrich our professional and personal lives.

The SNAME Gulf Section deserves thanks for working the event. We often don't appreciate the distances our volunteers must travel to help staff our events. So, special thanks to Jourdan Puyau (Chair, Gulf Coast Section), Tom Perrine (Chair, Ship Production Committee), Thalía Krüger, Earl Johnson, Jr., and Jason Albert.

Also, thank you to SSI for taking special pictures of SNAME members present at the event.



Left to Right: Danielle Pinksen, SSI; Matthew Barrett, InnovMarine Inc.; William Champagne, InnovMarine Inc.; Kate Beaumont, Gibbs & Cox; Patrick Roberts, SSI; Elizabeth S. Bouchard, SNAME; Darren Guillory, SSI; Dmitry Kapiturov, Robert Allan Ltd.; Earl Johnson, Jr.; Denis Morais, SSI; Scott Naro-Norman, Austal USA; Nick Danese, Applied Research.



Left to Right: Thomas F. Perrine; Jourdan Taylor Puyau, Baker Marine Solutions; Elizabeth S. Bouchard, SNAME; Earl Johnson, Jr.



Left to Right: Earl Johnson, Jr., and Thalía Krüger, Neko Energy US



David William Males, SSI

Elizabeth S. Bouchard

Elizabeth S. Bouchard Executive Director ebouchard@sname.org

MEMBERSHIP

NEW & REINSTATED MEMBERS SEPTEMBER 2024

JOIN US IN WELCOMING:

Camden Blackson, Texas A&M University - Galveston Griffen Bono, Florida Atlantic University Alexander Charbonneau, SUNY Maritime College Gerard Thomas Coleman, Texas A&M University - Galveston Logan Compton, Webb Institute Daniel Consuegra, Sr., Universidad Politécnica de Madrid Julio Cesar Galiana Cubi, Cegaboats S.L. Thomas Davies, Florida Atlantic University Amanda Lee Dayton, Revere Marine LLC Alexander Detkov, Jastram Engineering Ltd. Jake Dunton, Florida Atlantic University Nuh Elalaoui, FIT Timothy Erickson, Astrion Fernando Espinosa Ramírez, Universidad Veracruzana Christopher Riley Fish, Christopher Riley Fish Parker Lewis Forsythe, California State University Maritime Academy Federico Franciosa, Virgina Tech Kaley Ann Garafola, Austal USA Jarred Lee Gaudineer, United States Coast Guard Milo Greene, Webb Institute Sean Ryan Grimste, Massachusetts Maritime Academy William Matthew Higgins, Massachusetts Maritime Academy Niina Maria Ikonen, Aalto University Mogami R. Kariya, SUNY Maritime College Shane Kaylor, Leidos Gibbs & Cox Molly Kierstead, Massachusetts Institute of Technology Elijah Kim, Webb Institute Roald Erling Krogstad, Oceanetics Ian M. Lawson, Bristol Harbor Group, Inc. Samuel Loving, Florida Atlantic University Kevin Lu, The Candide Group William Macht, Macht Maritime Strategies, LLC Guy E. C. Maitland, International Registries, Inc.

Christopher H. Marshall, Marshall Marine Surveying Wyatt Anson McCrary, Penn State Ruairi Charles McElhinney, Massachusetts Maritime Academy Josias Mendez, Escuela Superior Politécnica del Litoral Miska Merikukka, Elomatic Ravmond P. Murphy, Fleetway Inc. Juan Manuel Rodrigo Nava, Universidad Veracruzana Sree Nagendra Pavan Nimmagadda, MODEC International Justin Haold Nixon, Marine Engineers' Beneficial Association Aidan O'Connor, Virgina Tech Annalea Parker, Massachusetts Maritime Academy Ismael Perez Ibarra, Universidad Veracruzana Earl Andrew Powers, DOD NSWCCD Nils Reimer, The Hamburg Ship Model Basin Rohit Shabu, University of British Columbia Aaron Sheer, DESMI Maya G. Sortor, California State University Maritime Academy Aris Chrysostomos Spanos, California State University Maritime Academy Varun Sunder Rajan, University of British Columbia Arseny Tarasov, SUNY Maritime College Sitat Tasnim, Bangladesh University of Engineering & Technology Simon Alexander Trax, Florida Atlantic University Micah Shaun Tucker, Tucker Marine Tsul Vaidu Tzab, Universidad Veracruzana Kristiina Ujueta, California State University Maritime Academv Benjamin Joseph Wolpo, Benjamin Joseph Wolpo Justin Graham LeMoine Wood, California State Lands Commission Eber Zarate Contreras. Universidad Veracruzana

2024 MEDALISTS

Each year SNAME recognizes technical achievements, leadership, and commitment via its peer-driven <u>Medals Program</u>. This year, titans of our industry were nominated for SNAME's prestigious medals, raising the bar high and making the selection process challenging. Despite all nominees' strong credentials, those who stood out with their outstanding accomplishments in Naval Architecture, Marine Engineering, Ocean Engineering, and the maritime industry and were selected as recipients of our medals for 2024 are:



John W. Waterhouse Elliott Bay Design Group LLC 2024 David W. Taylor Medalist



Nicholas J. DelGattoPeter F. McCaHerbert Engineering Corp.Naval Sea Syster2024 Francis T. Bowles Medalists (Tie)



Andrew Kendrick Silvery Consulting Inc. 2024 Vice Admiral Emory S. "Jerry" Land Medalist



Peter F. McCauley Naval Sea Systems Command (NAVSEA) Medalists (Tie)



Yonghwan Kim Seoul National University 2024 Dr. Kenneth S. M. Davidson Medalist



Lothar Birk University of New Orleans 2024 William H. Webb Medalist

Congratulations to all of them!

Interested in nominating a fellow professional for a SNAME medal? Contact Sofia Iliogrammenou at siliogrammenou@sname.org.

Nominations are due on 31 March 2025.

MEMBERSHIP

FALL CYCLE FELLOWS

The Fellows Program is another peer-driven effort to recognize outstanding personal contributions of SNAME members to naval architecture, marine or ocean engineering, or allied disciplines through significant achievements in design, research, production, operation, education, or associated management. To be considered, a member must have ten years of active practice. We are delighted to announce that the following seven members were accorded the honorific designation of SNAME Fellow:

Adam (AJ) Bierbauer, Newport News Shipbuilding Michael L. Bosworth, Abbott On Call (AOC), Inc. Shixiao Fu, Shanghai Jiao Tong University Frans Quadvlieg, MARIN Zac Schramm, Lamalo USA Richard Dow Stewart, University of Wisconsin-Superior Sarah Wickenheiser. Naval Surface Warfare Center Carderock Division

Congratulations to all of them!

For more information on the Fellows Program, visit the dedicated webpage or contact Sofia Iliogrammenou at siliogrammenou@sname.org. Nominations are due on 28 February 2025.

UNDERGRADUATE SCHOLARSHIP RECIPIENTS

Students are an important part of SNAME. Thus, efforts to recognize excellence are not limited to professional members. Via its extensive program of graduate and undergraduate scholarships and members' generous contributions, each year SNAME helps promising young professionals with exceptional credentials to pursue their dreams and turn their passion for the sea into a career. This year we received a record-breaking number of applications for undergraduate scholarships, and we are delighted to present those who stood out both with their academic credentials and active involvement in SNAME.

CONGRATULATIONS TO THE 2024 UNDERGRADUATE SCHOLARSHIP RECIPIENTS!



Hank Wolfe Webb Institute The Mandell and Lester Rosenblatt Scholarship



Brendan R. Falkowski **University of Michigan** The Robert N. and Helen H. Herbert Scholarship



Gordon Fream University of Michigan The Robert N. and Helen H. Herbert Scholarship



Caroline Kahwati University of Michigan The Robert N. and Helen H. Herbert Scholarship



Konstantinos Veronis University of Strathclyde The Bruce and Dorothy Rylander Johnson Scholarship

For more information on the Scholarships Program, visit the dedicated webpage or send an email to scholarships@sname.org. Applications for graduate scholarships are due on 1 February 2025. Applications for undergraduate scholarships are due on 1 June 2025.



Sofia Iliogrammenou Director, SNAME European Office Director, Membership siliogrammenou@sname.org

MEMBER SPOTLIGHT



LCDR IAN OVIATT

When did you join SNAME?

I joined SNAME 18 years ago as a cadet at the U.S. Coast Guard Academy. At the time, I had several professors who did an excellent job promoting SNAME and encouraged maximum student involvement. This gave me the opportunity to see the benefits of a professional society first-hand from the beginning of my career. I remember attending my first SNAME Maritime Convention as a student. I was awestruck by both the depth and range of presentations and left the event inspired. This positive experience set the foundation for my involvement with SNAME throughout the remainder of my career. It is the reason I wanted to become the advisor to the U.S. Coast Guard Academy's student section after coming back as a faculty member earlier this year.

You recently spearheaded an initiative to recruit 74 students to become SNAME members. Tell us about this. Why is SNAME membership important for these students? How have the students responded?

SNAME Student Membership has immense benefits. The broad network of students throughout the world facilitates collaboration both online and in-person. The access to SNAME academic material including textbooks and papers helps support self-learning and research. For these reasons, the U.S. Coast Guard Academy encourages all our Naval Architecture and Marine Engineering major students to join and become involved. Oftentimes, the students see this as a link to the work they will be doing after graduation, so the reception has been overwhelmingly positive. The students are thrilled to become members of a professional society, and as soon as they begin attending events where research and technical accomplishments are on display, they become inspired to continue advancing our field.

What advice would you give to those entering the maritime field?

The more you understand, the more fun it gets! Naval Architecture and Marine Engineering can be technical, but once you are able to comprehend the meaning and practical application behind the math or software, it becomes significantly more rewarding. For that reason, I would encourage those entering the maritime field to find opportunities to spend time aboard ships, boats (big or small), or in shipyards. A day on or near the water, even it is just for recreation, can help solidify understanding of a concept and result in a better appreciation of the work you are doing.

What would you like to say to other professionals who have the opportunity to connect with students?

The learning goes both ways. When preparing for a presentation, lecture, or lab, I find that I need to review and relearn material that I thought I had a superior understanding of. This additional learning enables me to explain concepts in multiple ways that are clear and digestible to students. Not only does this benefit the students in their academic journey, but it also helps me become a more effective and versatile Naval Architect. Every day, I am inspired by the hard work, creativity, and professionalism of our students. It keeps me motivated!

EVENTS



Student Design & Build Competition at SMC 2024

Are you interested in becoming more active in your local section and networking with industry colleagues, while having the chance to earn continuing education credits? The SNAME events calendar is filling up with exciting educational opportunities. Register today to join us!

The following events are open for registration as of press time. To view the full SNAME events calendar <u>click here</u>.

UPCOMING INDUSTRY EVENTS:

29 - 30 October 2024 - Marine Log Ferries Conference and Expo - Seattle, WA

12 - 14 November 2024 - International WorkBoat Show - New Orleans, LA

4 - 6 December 2024 - World Maritime Conference - Chennai, India

UPCOMING SNAME SECTION EVENTS:

25 October 2024-<u>Port of Houston tour on the MV Sam Houston</u>-Houston, TX (Contact: Kim Mercier, kim.mercier@gmail.com)

25 – 26 October 2024 – <u>14th Annual SNAME WES Symposium – Offshore Energy</u> Hybrid Event: <u>In-Person</u> / <u>Virtual</u> – UK (Contact: Keith Lilley, klilley@outlook.com)



30 October 2024 - <u>Ammonia as an Alternative Fuel for Heavy Industry</u>- New York, NY (Contact: Alex Koziol, alekoz47@gmail.com)

5 November 2024 - <u>Wärtsilä Online Services–Digital Platform Offering and Developments Ongoing</u> Hybrid Event: <u>In-Person</u> / <u>Virtual</u> – London (Contact: Keith Lilley, klilley@outlook.com)

6 November 2024 - <u>USS Missouri Grounding</u>- Hampton, VA (Contact: Kristina Matranga, kristina.c.matranga@hii-nns.com)

20 November 2025 - Wind Propulsion for Ships - Athens, Greece

Have you missed a recent webinar? Visit the <u>SNAME Webinar Library</u> to view previously recorded webinars - a SNAME members-only benefit!



Rachael Gass Manager, Events & Digital Assets rgass@sname.org

SMC 2024 PHOTOS

SMC 2024 was a smash success, and we have the pictures to prove it! To view and download photos from our annual convention, use the following link and credentials.

Username: **SNAME2024** Password: **45289**

http://www.enjoyphotos.com



NEW PODCAST FOR YOUNG PROFESSIONALS

The SNAME Canadian Atlantic Section has launched a new podcast focusing on young marine professionals.

Join hosts Danielle Pinksen and Pranaya Chakraborty from the Young Professionals Committee as they dive into the journey of young marine professionals and share insights, tips, and stories from their own careers.

A new episode will be released on the last Friday of each month. A special thanks to Yousra Anwar and the Canadian Atlantic Section leadership for supporting this initiative.

TECHNOLOGY & RESEARCH



THIS IS SNAME T&R!

October is another busy month for the T&R Program and this is just the tip of the iceberg!

SHIP DESIGN COMMITTEE PANEL SD-6 ICEBREAKER DESIGN

The Icebreaker Design Panel is back! The icebreaker production process must ensure that these special vessels are designed to meet the challenges of their unique operating environments. This includes ensuring that they are designed for operating at very low temperatures and fabricated with heavy steel with a shape configuration to break through 2.5 to 3 meter ice. Heavy icebreakers are required to operate in very low temperatures. Most specifications will include an operation low range of -50° Celsius. These requirements are extremely important in the early design process to properly develop the power generation requirements for the ship.

The SD-06 panel will be preparing technical papers associated with early design, including power requirements, impacts, and winterization. Initial membership response has been phenomenal, but anyone interested in contributing to the preparation of the papers, or just learning about the fascinating design challenges that go with vessel operations in Arctic/Antarctic conditions, is welcome to join us! For more information contact Panel Chair, George Sidney at gsidney@mchship.com

T&R AT SMC 2024 IN NORFOLK, VA

Once again, T & R made a significant contribution to SMC. Special thanks goes to our 2024 SMC Technical Program Committee members: Bryan Andrews, Rick Ashcroft, Jeffrey Bowles, Robert Conachey, Dimitrios Dikos, David Hansch, Ahmed Ibrahim, Andrew Kendrick, Paul Miller, Richard Mueller, Susan Partin Noste, Thomas Perrine, Kevin Prince, and Rick Spaulding.



PANEL SESSION 1: SEAWAY LOADS INITIATIVE CURRENT STATUS AND THE ROAD AHEAD

An example of collaboration between Committees (Hydrodynamics and Hull Structure), this panel session kicked off the SMC 2024 technical program by updating attendees on the Seaway Loads Initiative that began in the Spring of 2023. This initiative is comprised of a series of monthly webinars designed to inform the ship design and shipbuilding community in the state-of-art of predicting seaway loads and their crucial impact on ship design and construction. The goal of this Panel Session was to foster active involvement and constructive discussions between SNAME members from commercial, naval, regulatory, and academic backgrounds, and lead to better knowledge for early-stage structural design.



PANEL SESSION 2: OVERLY DENSE SHIP DESIGNS – THE ROOT CAUSE OF U.S. NAVY SHIPBUILDING PROBLEMS

The potential impact of a ship's outfit density on the labor hours required for production, sustainment, and upgrade has been discussed within the domain of warship design and Panel SD-8 Naval Ships for decades. As a ship's size

TECHNOLOGY & RESEARCH

varies, required production labor hours are impacted in two ways – first by change in work content and second by change in worker productivity with available space. Because these impacts are inversely related, there exists an optimum ship size and outfit density that minimizes required labor hours. This panel will discuss an analysis of optimum outfit density to minimize production labor hours for complex modern surface combatants. The key relationship between available space and worker productivity is defined based on data from multiple industries. This relationship is then used along with knowledge of surface combatant design and shipbuilding processes and production labor requirements to identify an optimum range of overall outfit density to target during ship design.

PANEL SESSION 4: MANEUVERING PREDICTION METHODS IN EARLY STAGE DESIGN

The purpose of this panel was to give an overview of the available prediction techniques and latest developments, and interactively discuss the needs of attendees in a fast-paced design environment. The panel considered:

The criteria and specifications of controllability provided by shipbuilders, operators, and regulators. The merits and limitations of the most common criteria were discussed, as were defined methods for non-standard maneuvers.

Assessments were made of current simulation methods and available

 benchmarks for researchers, engineers, and designers. Also addressed was how early assessments influence the overall design.

Documentation and guidelines for students and educators. Many current capabilities are dependent on a level of expertise that is not automatically available. This panel asked what the needs are for non-expert

users to develop a robust ship maneuvering prediction methodology, best practices, and guidelines that can help facilitate the development of efficient and valid ship maneuvering prediction models faster.

The goal of this panel was to foster active involvement and constructive discussion between SMC attendees from commercial and academic backgrounds, and lead to better knowledge and tools for controllability design.



Rick Ashcroft Director, Technology and Education rashcroft@sname.org



PUBLICATIONS

NEW BOOK SPOTLIGHT

AN INTRODUCTION TO MARINE MATERIALS AND STRUCTURES: FOR ENGINEERING STUDENTS AND PRACTICING ENGINEERS

By Paul H. Miller and Yvonne M. Traynham

Starting in ancient times with hollowed out log canoes and continuing today with carbon fiber composite hydrofoils and sustainable materials, the relationship between materials and structural design in the marine industry is of complementary necessity. Without a basic understanding of materials and fabrication, an engineer will be challenged to develop an acceptable structural design. Similarly, without a fundamental understanding of analysis methods and structural design approaches, an engineer will find it hard to select appropriate materials.

In this first-of-its-kind approach, two widely experienced professors present an introductory book that combines marine materials and structural design for marine structures. Intended as an undergraduate text suitable for semester-long courses in materials science for engineers and marine/ship structural design, this book will also be a valuable reference for practicing engineers and for those engineers moving into the marine industry.



The Journal of Sailing Technology (JST) is seeking paper submissions on all areas of sailing, from small yachts to wind-assisted ships. There is no charge for authors to publish and readers to access the papers in JST.

Prospective authors can access the Journal's full scope, paper template, and submission website for more information.

Maggie O'Brien Director, Publications

Maggie@sname.org

To submit content for SNAME's monthly newsletter, please email publications@sname.org by the 15th of the month.

CAREER CENTER



DID YOU KNOW THAT THE CAREER CENTER HAS A RESUME BANK?

Job seekers, add your resume and get noticed by employers looking to hire! For more career resources such as job postings, to submit your resume, and read relevant articles visit the <u>SNAME</u> <u>Career Center</u>.

Are you an employer looking to fill a role? Search the SNAME resume bank to find the ideal applicant!

FEATURED JOBS

Naval Systems Lead

Member Company: Sentiont Location: Mobile, Alabama, United States (On-Site)

aluminul 40

Senior Engineer

Company: UR Energy Location: Casper, Wyoming, United States (On-Site)

READ MORE

READ MORE

In Memoriam

William S. Vorus John H. Klose Richard J. Baumler David J. Reichl Petros A. Lalangas Jaideep Sirkar James Paul Weingart Barry Tibbitts F. Tim Pease Thomas C. Banwell Elizabeth Lindstad Tom Mackey

CORPORATE AFFILIATES

Thank you to all of our Corporate Affiliates for their support. Together we are building the future of the maritime industry.

LEARN MORE about the Corporate Affiliate Program.



2023 LISNYK AWARD PROJECT FEATURED IN VANGUARD CANADA



Left to Right: Tia Button, Alexis Benjamin, Robert Caulfeild, Andrew Parsons

The first-place team from the 2023 Dr. James A. Lisnyk Student Ship Design Competition was recently featured in Vanguard Canada. Team members Tia Button, Robert Caulfeild, Alexis Benjamin, and Kevin Wall from the Memorial University of Newfoundland authored the article, "<u>A Young</u> <u>Professionals Perspective: The Importance of Marine Industry Involvement in the Development of Naval Architecture Students.</u>"

The Lisnyk Student Ship Design Competition challenges groups of young people to design theoretical but practical cutting-edge vessels. Open to the world's colleges and universities supporting maritime careers, the program has fostered teamwork and learning through competition.

The first-place prize for the 2024 Dr. James A. Lisnyk Student Ship Design Competition was presented at SMC 2024 to Lukas Bridgeman, Thomas Giannuzzi, Jared Smith, and James Sullivan from SUNY Maritime College for their project "Preliminary Design of a 90m Ro-Pax Ferry."

HELP US SOLVE THESE HISTORY MYSTERIES!

Deep in the basement at SNAME HQ in Virginia, there's a treasure trove of historical publications, documents, and artwork that we brought with us during the move from New Jersey.

We need your help to identify – and hopefully re-home – items of historic or artistic value that we can't display or store in the SNAME office due to limited space.

So please take a look at these photos and let us know if you recognize anything, can tell us their stories, or can suggest a place where they may best be enjoyed.

Please contact Ebonei White: e.white@sname.org



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