

UNITED STATES NAVAL
UNDERSEA
MUSEUM

Annual Report

2024



VALERIE LANGSTAFF
EOD TECHNICIAN

Valerie Langstaff is a Reserve Officer in the U.S. Navy. She is currently assigned to the Naval Air Station, Jacksonville, Florida, where she works as an EOD Technician. She has been in the Navy for over 10 years and has been assigned to various EOD units throughout her career. She is currently assigned to the 1st EOD Squadron, Naval Air Station, Jacksonville, Florida.



SOHNHWA LEE
SUBMARINE SUPPLY OFFICER

Sohnghwa Lee is a Reserve Officer in the U.S. Navy. She is currently assigned to the Naval Air Station, Jacksonville, Florida, where she works as a Submarine Supply Officer. She has been in the Navy for over 10 years and has been assigned to various submarine units throughout her career. She is currently assigned to the 1st Submarine Squadron, Naval Air Station, Jacksonville, Florida.



MICHAEL MCCULLEY
SUBMARINER

Michael McCulley is a Reserve Officer in the U.S. Navy. He is currently assigned to the Naval Air Station, Jacksonville, Florida, where he works as a Submariner. He has been in the Navy for over 10 years and has been assigned to various submarine units throughout his career. He is currently assigned to the 1st Submarine Squadron, Naval Air Station, Jacksonville, Florida.



JOHN MIHALOWSKI
NAVY DIVER

John Mihalowski is a Reserve Officer in the U.S. Navy. He is currently assigned to the Naval Air Station, Jacksonville, Florida, where he works as a Navy Diver. He has been in the Navy for over 10 years and has been assigned to various diving units throughout his career. He is currently assigned to the 1st Navy Diving Squadron, Naval Air Station, Jacksonville, Florida.



SAMANTHA MINCEY
SUBMARINER

Samantha Mincey is a Reserve Officer in the U.S. Navy. She is currently assigned to the Naval Air Station, Jacksonville, Florida, where she works as a Submariner. She has been in the Navy for over 10 years and has been assigned to various submarine units throughout her career. She is currently assigned to the 1st Submarine Squadron, Naval Air Station, Jacksonville, Florida.



ROSEANNE OLIVEROS
SEABEE DIVER/DIVING OFFICER

Roseanne Oliveros is a Reserve Officer in the U.S. Navy. She is currently assigned to the Naval Air Station, Jacksonville, Florida, where she works as a Seabee Diver/Diving Officer. She has been in the Navy for over 10 years and has been assigned to various Seabee units throughout her career. She is currently assigned to the 1st Seabee Squadron, Naval Air Station, Jacksonville, Florida.



ROSCOE PENNINGTON
SUBMARINER

Roscoe Pennington is a Reserve Officer in the U.S. Navy. He is currently assigned to the Naval Air Station, Jacksonville, Florida, where he works as a Submariner. He has been in the Navy for over 10 years and has been assigned to various submarine units throughout his career. He is currently assigned to the 1st Submarine Squadron, Naval Air Station, Jacksonville, Florida.



LAWSON RAMAGE
SUBMARINE OFFICER

Lawson Ramage is a Reserve Officer in the U.S. Navy. He is currently assigned to the Naval Air Station, Jacksonville, Florida, where he works as a Submarine Officer. He has been in the Navy for over 10 years and has been assigned to various submarine units throughout his career. He is currently assigned to the 1st Submarine Squadron, Naval Air Station, Jacksonville, Florida.



HYMAN RICKOVER
NAVAL ENGINEER

Hyman Rickover is a Reserve Officer in the U.S. Navy. He is currently assigned to the Naval Air Station, Jacksonville, Florida, where he works as a Naval Engineer. He has been in the Navy for over 10 years and has been assigned to various engineering units throughout his career. He is currently assigned to the 1st Naval Engineering Squadron, Naval Air Station, Jacksonville, Florida.



ANDERSON ROYAL
SUBMARINER

Anderson Royal is a Reserve Officer in the U.S. Navy. He is currently assigned to the Naval Air Station, Jacksonville, Florida, where he works as a Submariner. He has been in the Navy for over 10 years and has been assigned to various submarine units throughout his career. He is currently assigned to the 1st Submarine Squadron, Naval Air Station, Jacksonville, Florida.



EUGENE FLUC
SUBMARINE OFFICER

Eugene Fluc is a Reserve Officer in the U.S. Navy. He is currently assigned to the Naval Air Station, Jacksonville, Florida, where he works as a Submarine Officer. He has been in the Navy for over 10 years and has been assigned to various submarine units throughout his career. He is currently assigned to the 1st Submarine Squadron, Naval Air Station, Jacksonville, Florida.



JOSEPH CROS
SUBMARINER

Joseph Cros is a Reserve Officer in the U.S. Navy. He is currently assigned to the Naval Air Station, Jacksonville, Florida, where he works as a Submariner. He has been in the Navy for over 10 years and has been assigned to various submarine units throughout his career. He is currently assigned to the 1st Submarine Squadron, Naval Air Station, Jacksonville, Florida.



BRIE COGER
EOD OFFICER

Brie Coger is a Reserve Officer in the U.S. Navy. She is currently assigned to the Naval Air Station, Jacksonville, Florida, where she works as an EOD Officer. She has been in the Navy for over 10 years and has been assigned to various EOD units throughout her career. She is currently assigned to the 1st EOD Squadron, Naval Air Station, Jacksonville, Florida.



GEORGE STREET III
SUBMARINE OFFICER

George Street III is a Reserve Officer in the U.S. Navy. He is currently assigned to the Naval Air Station, Jacksonville, Florida, where he works as a Submarine Officer. He has been in the Navy for over 10 years and has been assigned to various submarine units throughout his career. He is currently assigned to the 1st Submarine Squadron, Naval Air Station, Jacksonville, Florida.



TABITHA STROBEL
SUBMARINE OFFICER

Tabitha Strobel is a Reserve Officer in the U.S. Navy. She is currently assigned to the Naval Air Station, Jacksonville, Florida, where she works as a Submarine Officer. She has been in the Navy for over 10 years and has been assigned to various submarine units throughout her career. She is currently assigned to the 1st Submarine Squadron, Naval Air Station, Jacksonville, Florida.

The U.S. NAVAL UNDERSEA MUSEUM (USNUM)

strives to connect veterans, active-duty Sailors, and our national audience with the history, technology, and operations of the undersea Navy.

Through artifacts, exhibits, and educational programs, we tell the stories of the exceptional people and cutting-edge technology that define the Navy's undersea communities.

Throughout 2024, USNUM focused on amplifying museum visitation, programs, and events, while continuing to address our mission-essential responsibility to serve our Navy and civilian communities. USNUM welcomed 55,768 in-person visitors and offered many educational and public family programs, serving 9,696 students, Sailors, families, and other patrons with educational hands-on programming.

2024 HIGHLIGHTS

6,038,091

virtual views earned through our social media platforms, website, and virtual tour

55,768

visitors welcomed

154

education programs implemented for 9,696 participants

204

artifacts exhibited, 50 at other organizations

308

artifacts added to the collection, for a total of 55,414

303

events hosted for 18,358 Navy and civilian personnel

6,778

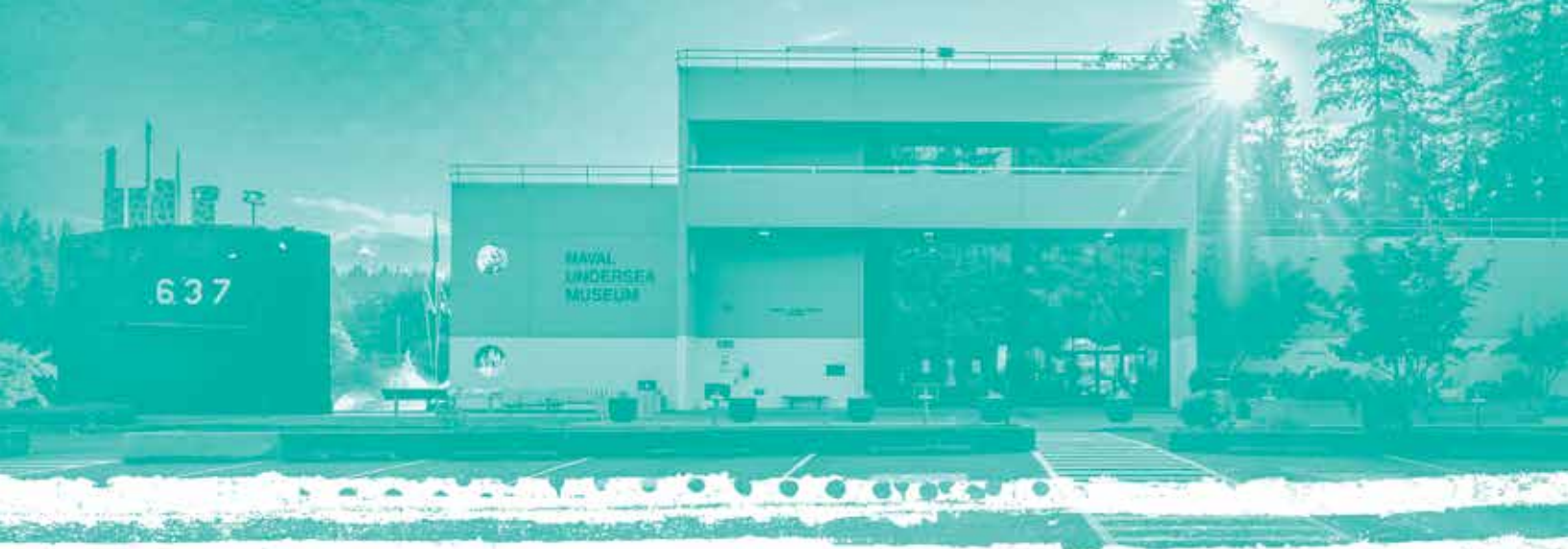
volunteer hours provided by 78 volunteers

8

conservation projects carried out

92

research inquiries answered



DIRECTOR'S MESSAGE

DEAR FRIENDS OF THE MUSEUM,

Thank you for being part of our community for another excellent year! 2024 has been a year of continually improving our professional standards, expanding our reach, and refocusing our goals as a team.

Last year, we joined together as a staff to finalize updates to our Strategic Plan, highlighting the areas in which we excel, and those where we can grow. A key component of this was in discussions surrounding our purpose statement, "We connect you to the U.S. naval undersea experience from yesterday through tomorrow." This focus on connection charts the course for our collections, exhibits, outreach events, and education programming.

Another major focus for the team was completing the Self Study Questionnaire (SSQ) for reaccreditation with the American Alliance of Museums. Our Self Study was submitted in October. The SSQ is a reflection of how much the museum has grown, and how much the staff has accomplished, over the past fifteen years. It is truly remarkable!



We are grateful to see that you also want to connect with us. Our team welcomed 55,786 visitors this year, a 5.3% increase from 2023 and a return to 85% of our pre-pandemic onsite numbers. We also reached more than six million people virtually. Staff and volunteers aspire to make each of these onsite and online visitors feel connected to our mission.

Reflecting on 2024, we are proud to have engaged nearly 9,700 youth participants across our 154 on- and off-site education programs; brought veterans' stories to life through our well-attended Deep Sea Day: Meet the Veterans program; and added more than 308 objects to our artifact collection, focusing on objects representing individuals' connections to their naval undersea experiences.



As we set out in 2025, we look forward to introducing you to the stories of people that have and are shaping the Navy's undersea heritage with our upcoming *Behind the Faceplate* exhibit, as well as highlighting the Navy 250th birthday and the Submarine Force's 125th birthday. Our team will also welcome the reaccreditation peer review team by the American Alliance of Museums in the summer. Accreditation serves as national recognition of our commitment to excellence and the highest professional standards of museum operations and public service. Additionally, we will focus on preparations for a Naval History and Heritage Command Inspector General visit in the summer.

As a staff of nine, we cannot do this all on our own — we are thankful for the full team that makes our successes happen. From our incredible volunteer corps, to our teammates at the Naval Undersea Museum Foundation, our colleagues within the Naval History and Heritage Command, and our key education and active duty partners, together, you help us to maximize staffing and operational resources for the benefit of our Navy and civilian communities. We are one connected community, and we look forward to bringing you new perspectives and stories with every new exhibit, program initiative, and outreach effort.

THANK YOU for your partnership and investment in our wonderful museum.

A handwritten signature in black ink, reading "Lindy Doshier".

LINDY DOSHER,
USNUM Director



HIGH VELOCITY LEARNING



Applying the best concepts, techniques, and tools to accelerate learning as individuals and families, the museum's educational programming explores the knowledge and technology that enable the U.S. Navy's presence underwater. The programs inspire participants to explore the scientific, technological, engineering, and mathematical (STEM) principles that form the foundation of the Navy's daily operations. Participation in the museum's programs and exhibits fosters an interest in and understanding of STEM principles that can (and do!) influence a student's career choices and encourage a lifetime of learning.

DIGITAL AND ONSITE PROGRAMS

The education department continued its virtual presence by sharing STEM-based web activities for at-home application. The activities are designed for young learners and use common household objects for recreating demonstrations and experiments. Entering its third year, USNUM's STEM partnership with the regional Gold Star (GS) program, the Exceptional Family Military Program (EFMP), and the Puget Sound Navy Museum (PSNM) provided a series of virtual workshops, plus an online activity workbook publication to GS and EFMP families across an 11-state region.

Onsite, the museum continued its partnership with the Puget Sound Naval Shipyard & Intermediate Maintenance Facility (PSNS & IMF), and the Naval Undersea Warfare Center (NUWC) Division Keyport to host the regional public school bridge engineering challenge. Students that participated were able to come to the museum to pressure test their bridge designs and competed to design a structure that could hold the most weight. Between July 4th and Labor Day, our Summer STEAM program



offered science-based workshops and experiments. Audience participation continued to grow with new activities developed by staff and our 2024 summer intern. The museum internship program continues to foster higher education, providing the opportunity to develop expertise and programming skills. Our 2024 intern created an ingenious Summer STEAM activity, focusing on lightwave penetration of the deep sea and the ways marine life use it to camouflage themselves.

NAVY STEM DAYS

Navy STEM Days is an educational program for regional fourth and fifth grade classes, resulting from collaboration between the museum, PSNM, PSNS & IMF, and NUWC Keyport. In its twelfth year, the program adopted updated workshops to correspond to current curriculum standards. At the fourth and fifth grade levels, many students are still coming to the museum for their very first field trip, and teacher feedback has indicated it's a great experience for students to practice their soft skills alongside the academic workshops.

DISCOVER E DAY

In its 25th year, National Engineers Discover E Day continues to grow. The museum's education department partnered with Navy personnel, regional STEM educators, the regional GS program, EFMP, PSNM, PSNS & IMF, NUWC Keyport, and museum volunteers to provide hands-on science experiments and engineering challenges. Not only did the event serve hundreds of participants, but it also continues to affirm our commitment to building community relationships and is a great way to celebrate lifelong learning.

PEOPLE

are (our) asymmetrical advantage. We talk a lot about the Sailors, but it's also the civilians. It's great Americans willing to do the job. **THEY ARE OUR ADVANTAGE.**

—Admiral Jonathan Greenert
(2013/Naval Commandant/2017-2019)

CONNECTING TO THE UNDERSEA NAVY

Facilitating connections to the U.S. naval undersea experience drives our interpretive choices. Through exhibits, programs, publications, and virtual content, we amplify the stories of the Navy's undersea communities, in turn creating meaning and value for our audience. This year, we opened a new exhibit centered on Sailors, hosted a highly successful Veterans Day program, connected more deeply with our virtual community, and served as an extensive resource.

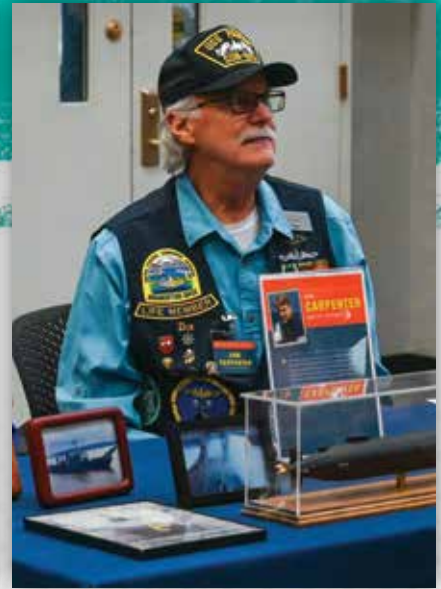


FACES OF THE DEEP

Opened June 3

In June, we opened a new long-term exhibit, *Faces of the Deep*, which shares stories of Sailors and civilians from the U.S. Navy's undersea communities: hardworking, high-achieving submariners, divers, Navy SEALs, engineers, and more. Using digital displays, exhibit content changes every few weeks, highlighting a wide range of exceptional people from different backgrounds and experiences.

- Visitors learn about the service of Brett Jones, a Navy SEAL, in our new exhibit *Faces of the Deep*.



DEEP SEA DAY: MEET THE VETERANS

Following the success of our 2023 Veterans Day program, we were thrilled to connect our audience with more veterans in 2024! Nearly 300 visitors joined us for Deep Sea Day: Meet the Veterans, where they interacted one-on-one with veterans from the museum's volunteer corps. Participants delighted in the experience of hearing stories firsthand and viewing memorabilia from the veterans' service years.

VIRTUAL CONNECTIONS

In 2024, we continued sharing stories, artifacts, exhibits, and educational activities with our ever-growing online community. The museum's virtual content earned more than 6 million impressions and drew more than 3,000 new social media followers, growing our collective audience to more than 39,000 followers.

A COMMUNITY RESOURCE

We use our artifact collection and expertise to support inquiries and research projects from Navy organizations, the public, researchers, and other museums, fielding an average of 110 queries each year. Whether we're providing access to artifacts and documents for a Navy sonar textbook, using historical records to help identify a helicopter wreck, or scanning first-hand wartime accounts for a National Parks Service project, every question is an opportunity to facilitate undersea connections.

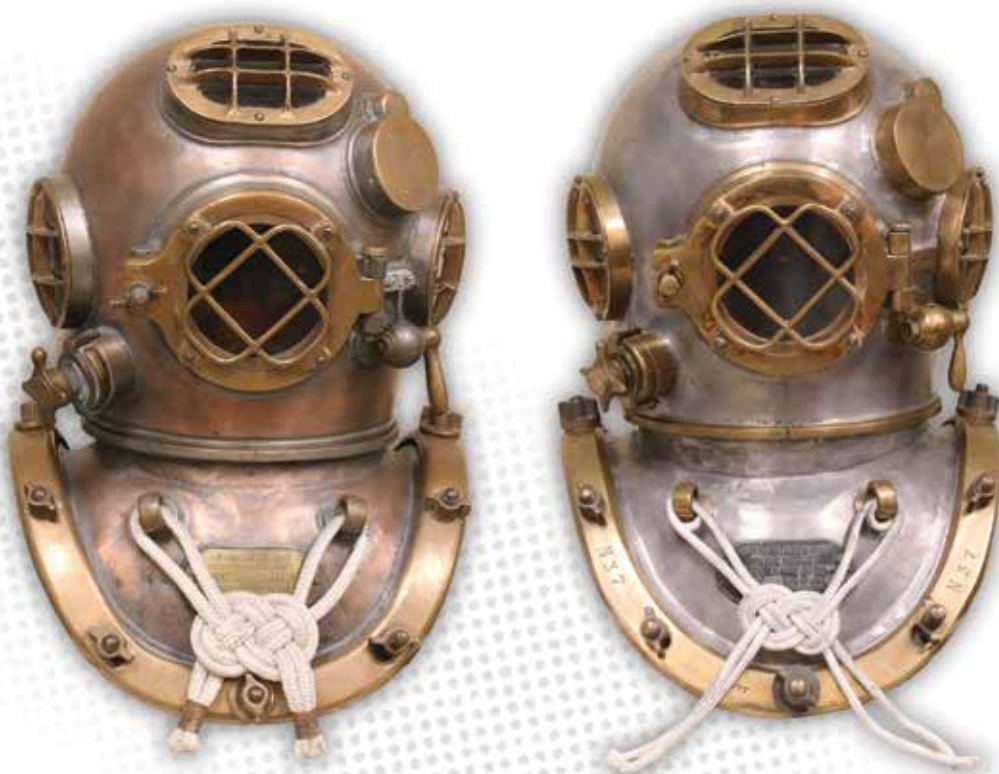


PRESERVING NAVY HISTORY

Our team is dedicated to collecting, documenting, and preserving artifacts related to our mission. With more than 55,000 historically significant objects in our care, our collection is nationally significant in many areas. Each year we work to accession, catalog, inventory, exhibit, and conserve artifacts, ensuring their stories endure for future generations.

NEW ACQUISITIONS

In 2024, we added 308 artifacts to our collection. Notable acquisitions from the year reflected a wide range of undersea activities, from two MK V diving helmets received from the Supervisor of Diving, to a 1918 torpedo boat compass, to a large collection of submersible *NEMO* material donated by the vehicle's inventor.



● *The MK V diving helmet protected Navy divers during deep sea diving operations from 1916 until the early 1980s.*



PRESERVATION

Each year we focus on important conservation and preservation projects. The most significant of 2024 was a month-long preservation project on the *Sealab II* end bell on display outside of the museum. We also conserved four transducers and a historic diving suit, which led to an interesting project testing alternate methods of caring for misshapen rubber artifacts. Additionally, we completed a large-scale photograph re-housing project, bringing a higher level of physical and intellectual control to thousands of photographs in our collection.

Digitization played a major role in our preservation efforts of 2024, as we digitized 40 artifacts on obsolete video and audio formats, along with more than 2,000 slides, photographs, and new object acquisitions. The museum also acquired an archival model book scanner, vastly increasing our capacity for digitizing and sharing our significant technical manual collection.

ARTIFACTS ON DISPLAY

USNUM artifacts continue to be displayed both inside and outside our building, including at museums around the world, veterans' memorials, and other Navy facilities. In 2024, the museum had 50 artifacts on loan to 30 organizations and displayed 204 objects in our galleries.



VOLUNTEER ENGAGEMENT

Knowledgeable and dedicated volunteers, 78 in all, provided 6,778 hours of essential support to the museum as they welcomed and greeted visitors, tended the store, processed collections, supported education programs, and maintained exhibit and event spaces. With thanks to the following people who volunteered their time and energy to the museum in 2024:

GOLD PRESIDENTIAL VOLUNTEER SERVICE AWARD (500+ HOURS):

Frank Luce

SILVER PRESIDENTIAL VOLUNTEER SERVICE AWARD (250+ HOURS):

Doug Anderson, John Gerten, Cathy Wedelstaedt

BRONZE PRESIDENTIAL VOLUNTEER SERVICE AWARD (100+ HOURS):

Rachel Benedict, Carl Bowers, Tony Carbó, Shawn Carlton, Don Carpenter, Dolly Coss, Jerry Coss, Rich Dixon, Douglas Crinklaw, Patty Dionne, Charles Gibbs, Amanda González, Steve Grether, Charles Gundersen, Rick Gunderson, Joseph Lawlis, Kathy Luce, Randy McNary, Robert Paul, Mike Peterson, Bruce Riggins, Ed Seal, Faryn Seal, Mary Jo Tharp, Bonnie Thomas, Walt Van Dyke, Robyn Weimer

SUSTAINING VOLUNTEERS

Dave Anderson, Carson Bryant, Aida Carbo, Andrew Clark, Mike Collier, Floyd Crow, Harry Gilger, Nathan Hwang, Lynn Hyman, Darlene Iskra, Don Jasek, RuthAnn Jasek, William King, Steve Leach, Shayla Lewis, Pam Love, Jarrett Martin, Brian Nyquist, Cathy Palermo, Cloie Rosas, Ted Ross, Roger Shi, Larry Snyder, Jill Teglovic, David Williams, Clete Wood



DISCOVER E DAY:

Single-Day Volunteers: Crispian Addington, Jennifer Bekeny, Joshua Butler, Brittany Chasteen, Jolene Dixon, Bailey Evenson, Edward Gingras, Marilyn Hawks, Josh Jones, Kimberly Knapp-Foltz, Cat McDaniel, Viveka Patterson, Marcia Patty, Rahul Petrie, James Taylor, Poryee Xiong, Jacob Yakawich,

Navy Exceptional Family Member Program &

Gold Star Program: Melinda Sauder

Puget Sound Naval Shipyard and Intermediate Maintenance Facility,

STEM Outreach Program: Erin Guizetti, Dianna Palermo



STRENGTHENING THE NAVY



The museum is proud to support Navy commands, Sailors, civilians, and families by providing physical space and intellectual resources at the museum for important ceremonies (retirement, change of command, promotion, commissioning) and for trainings and meetings. In 2024, the museum hosted more than 18,000 people for 303 onsite events, including 35 retirements, 14 change of command ceremonies, 80 meetings, and 98 trainings. Free use of the facility for the Navy to conduct ceremonies, trainings, and meetings promotes fleet and mission readiness.



STAFF

LINDY DOSHER

Director*

JARROD GAHR

Exhibit and Graphic Designer

STEVEN HARVEY

Exhibit Fabricator

VALERIE JOHNSON

Educator

MARY ROGERS

Volunteer and Events Coordinator

MARY RYAN

Curator

BETH SANDERS

Collections Manager

LORRAINE SCOTT

Collections Manager

OLIVIA WILSON

Operations Manager

**Staff shared with the Puget Sound Navy Museum*



- *Submersible pilots Martin Snoey and Ed Briggs dive Naval Experimental Manned Observatory (NEMO) on sea trials in the Bahamas, 1970.*

