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2-DAY EVENT
OCTOBER 1ST & 2ND
2022

INTERNATIONAL OCEAN SYMPOSIUM & FILM FESTIVAL

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President's Welcome



Welcome to the 68th Boston Sea Rovers show!

I hope you're enjoying the beautiful New England fall season and excited for what we have to offer at this year's show! I'm thrilled to announce that after much thought and consideration, we will be making the move back to the spring for 2024. The fall time show dates were an opportunity to try a new time of year that was prompted by the pandemic but has come with its own set of new challenges. When it comes down to it, we are divers and early October is still a very active time for the NE diving community. Moving back to the spring will allow us to take back our position of kickstarting the dive season and getting all of you amazing attendees amped up for the return of the warmer weather and water to come. With that said, keep an eye out for a special event in 2023! I can't, in good conscience, make you all wait 18 months before getting everyone together again. The Pandemic forced that upon us and I'm pretty sure the separation anxiety was real.

In addition to the news of the show moving back to the spring I have some other exciting news to share with you. Part of my mission in my tenure as the BSR President is to increase the opportunities of diving and the joy and peace that it affords to those that may not typically have the means to do so. In memory of our beloved friend and Boston Sea Rover Jake Duvall, we have created the Duvall Scholarship. This new program provides the recipient a full ride with all costs of training and a full set of equipment to be used while completing their dive training in New England. More information on this new program is in this guide, but the hope is to increase this opportunity to not just one but many applicants from diverse and underserved backgrounds over the following years. If you have interest in helping this new program and helping us expand our reach via connections, sponsorship, or services please don't hesitate to stop me around the show for a quick chat.

It's great to be back and I'm excited to see you all. Welcome, enjoy, and as always, if you see me around the show, please feel free to say hi!

Nick Fazah
President, Boston Sea Rovers

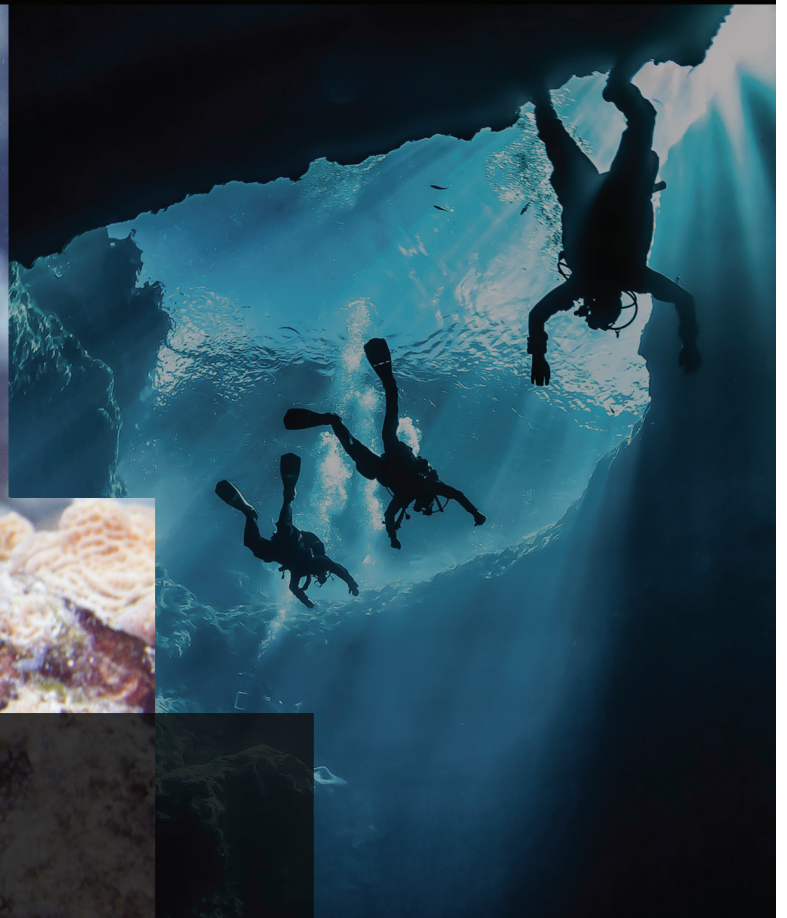


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Save the Date!
 Next year's show will be
March 16th - 17th, 2024
 And keep an eye out for
 a special event in 2023

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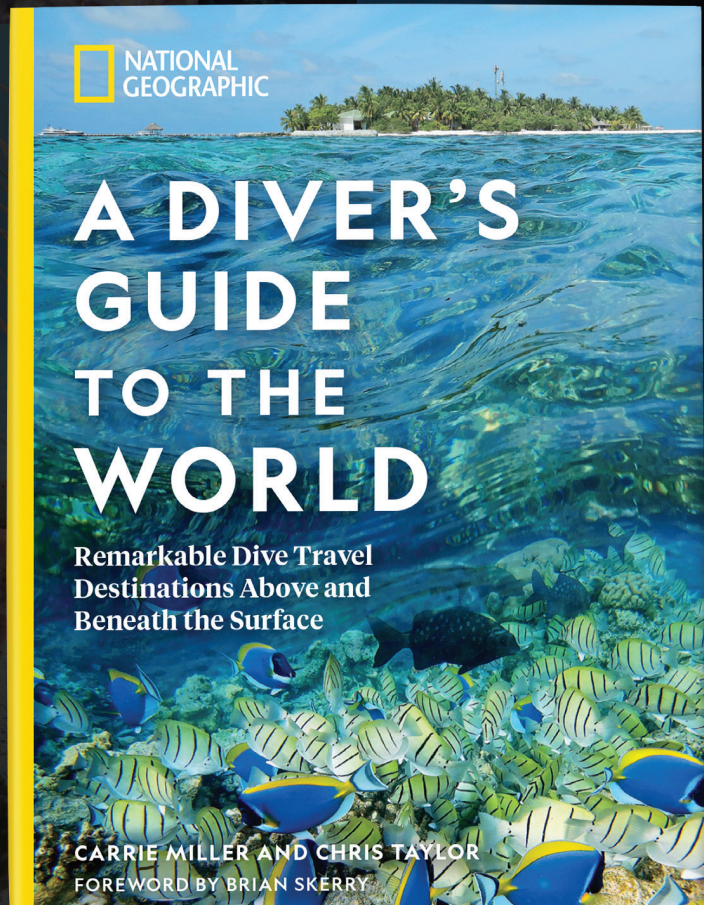
I DIVE IN!

From Okinawa, Japan, to the Outer Banks of North Carolina, find the ultimate travel itineraries to the world's 50 best scuba diving destinations.

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— BRIAN SKERRY



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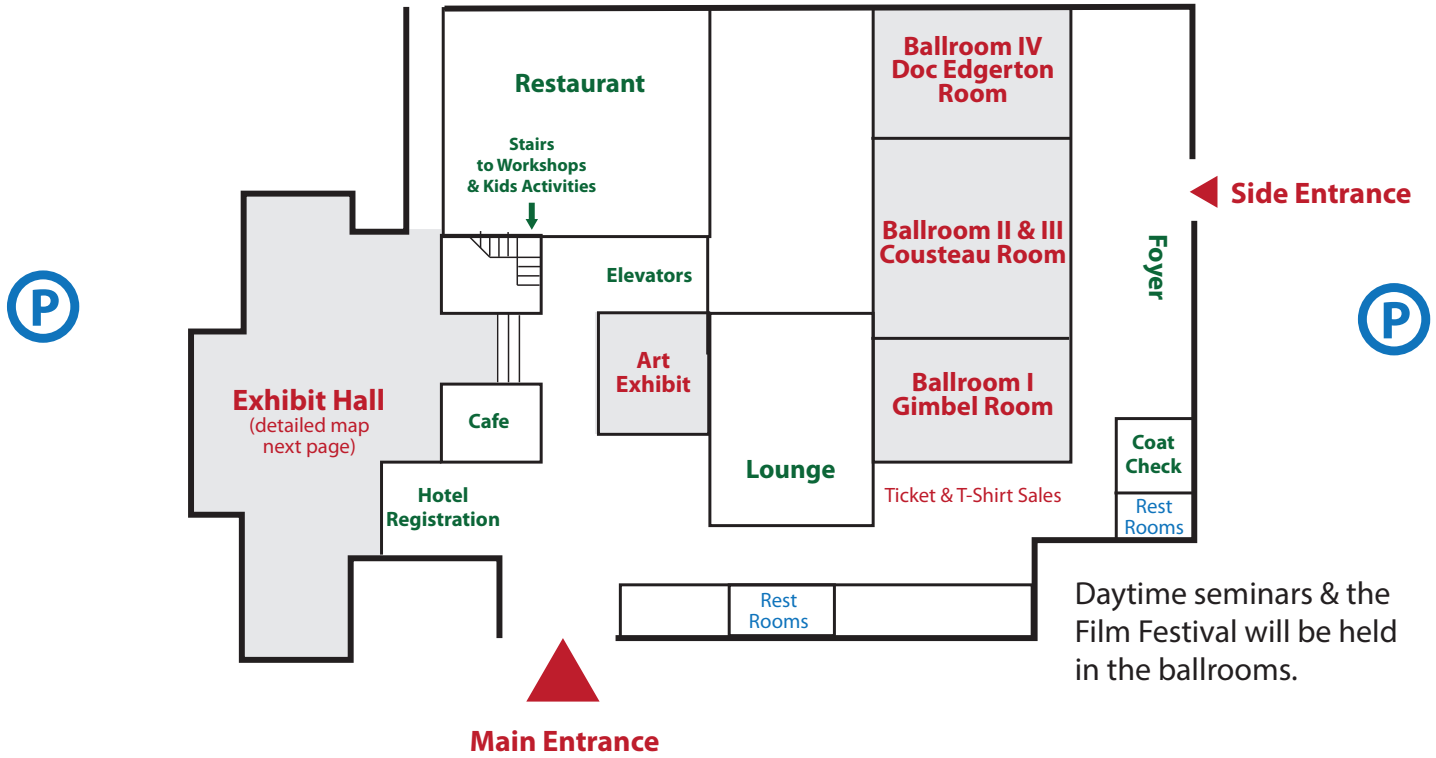
Facility Map - DoubleTree by Hilton Boston North Shore Danvers, MA

Coco Key Water Park



Main Floor

Side Entrance



Workshops are located on the 2nd floor, accessible via elevators, or the grand staircase near the exhibit hall.

2nd Floor

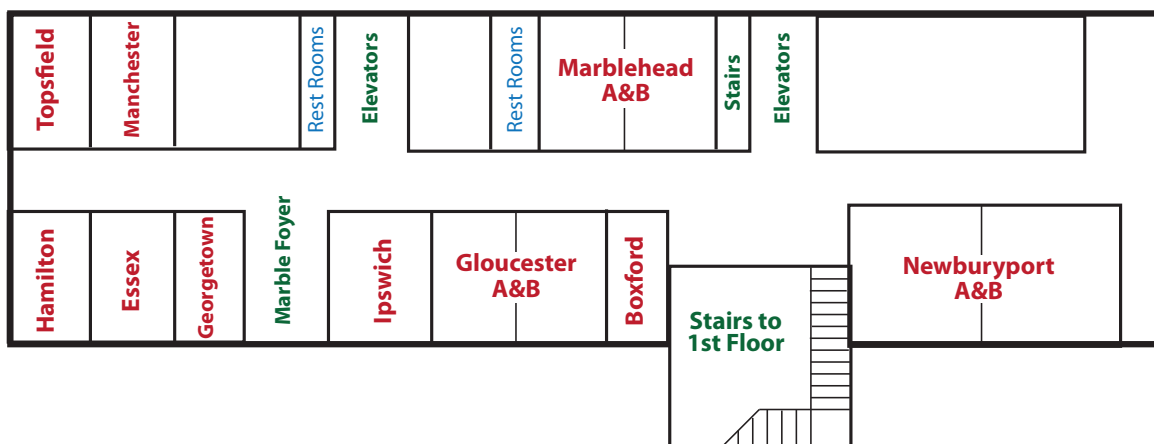
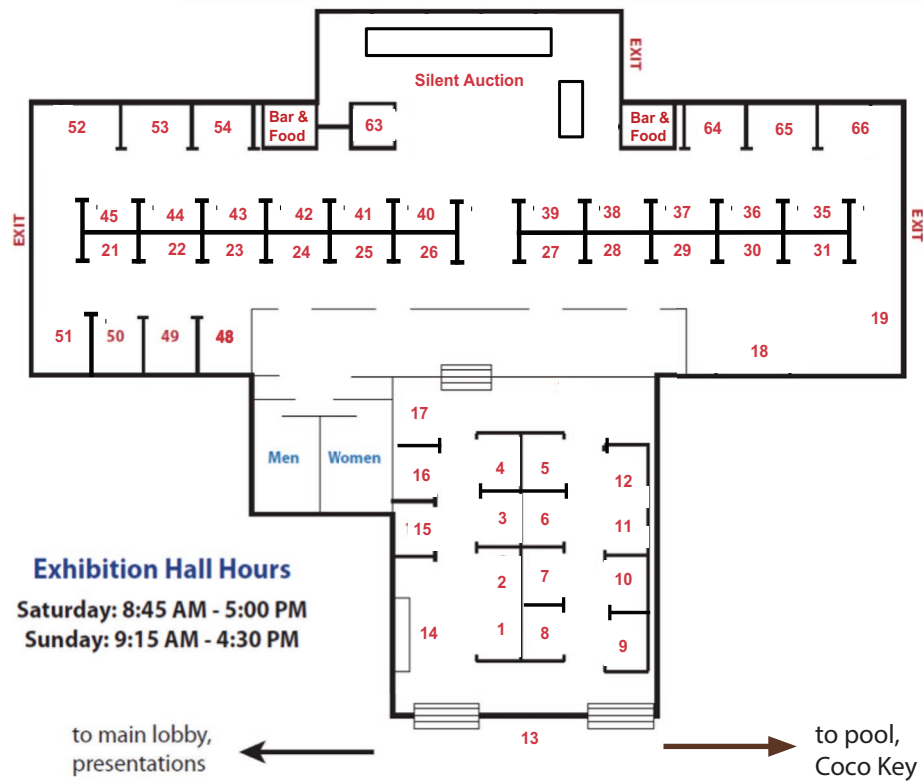


Exhibit Hall Map



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Area9 Mastery Diving Research Center	24	MA Division of Marine Fisheries	65
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Show Sponsors

The Boston Sea Rovers would like to extend a hearty thank you to those companies who have supported our mission with their generosity. Please be sure to support them by visiting: www.bostonsearovers.com/sponsors and following the links to their websites.

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**Blue Green
Expeditions**

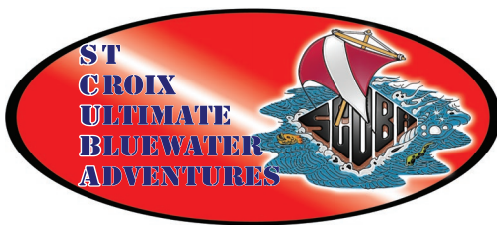
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The following Sea Rovers and friends have made a donation to help our organization bring you this program guide and in support of the Sea Rovers' mission: Education, Conservation and Exploration of the Underwater World.

Geroge Buckley

In Honor of Sam Raymond, Ocean Technology Pioneer

Valerie Gould

In Honor of Joann Zighan, Ocean Education Leader

If you'd like to help support the Sea Rovers mission, go to www.bostonsearovers.com/donate/



Door Prizes, Auctions & Raffle Items

This is a banner year for incredible prizes for you to win. Winners will be drawn throughout both days of the show and the winners list will be updated regularly, so be sure to keep checking. In addition, be sure to purchase raffle tickets and check out the silent auction for a chance to win more great prizes. **All daytime prizes must be picked up in person no later than Sunday at 3PM, or they will be forfeited. Some of these special prizes will be awarded off the Film Festival stage on Saturday night. You must be present to win.**

Proceeds from the Sea Rovers raffles and silent auction support our mission "Raising the knowledge of the underwater world through education, exploration, and conservation". Funds are used to help produce the show each year and for special programs like the Boston Sea Rovers Summer Internship and the Boston Sea Rovers Dive Training Scholarship. Please continue to support these important programs and our sponsors.

2022 Film Festival Drawings!

Winners must be present at the Film Festival to win. The winners will be selected at the end of intermission and must come up to the stage at the end of the Film Festival to claim their prizes.

7 nights accommodation on any luxury Dive Damai vessel - only 3 divers per guide!
Courtesy of Dive Damai and Reef & Rainforest.
Approximate value \$4,585.

Sherwood SR2 Regulator and Octo, computer console, and BCD. Courtesy of Sherwood and Bill O'Malley
Approximate value \$1,500

1-Dive in the New England Aquarium's Giant Ocean Tank. Courtesy of NEAQ
Approximate value - priceless!

2022 Raffle

\$10 per ticket, 3 for \$20

*Here's a sampling of some of the amazing gear and travel prizes**

MV Ambai summer cruise in Halmahera. Courtesy of Reef & Rainforest and Wallacea Dive Cruise
Approximate value \$3800 *

7 night deluxe ocean view with 5 Days diving at Volovoli Beach Resort Fiji. Courtesy of Reef and Rainforest

5 day package for 2 (10 Tanks) Included gear. Courtesy of St. Croix Bluewater Adventures
Approximate value \$1800*

7 nights aboard Maldives Blue Force 3. Courtesy of Blue Force Fleet.
Approximate Value \$3580. *

Dan Emergency Trauma Bag. Courtesy of Divers Alert Network
Approximate Value: \$300

2022 Super Raffle

\$60 per ticket, 3 for \$150



A trip for one aboard one of Indonesia's most experienced dive vessels. Courtesy of Pindito
Approximate value \$5,600 *



Wallacea Dive Cruise MSY Seahorse summer cruise in NTT (area of Wakatobi, Alor, Komodo)
Courtesy of Reef & Rainforest.
Approximate value \$4200 *



7 nights aboard Maldives Blue Force 3. Courtesy of Blue Force Fleet.
Approximate Value \$3580 *

A Shearwater Teric computer limited Journey's edition with Swift transmitter. Courtesy of Shearwater
Approximate value \$2,100 *

Mares XR Rec Trim Single Backmount Set. Courtesy of Mares
Approximate value \$700 *



Your chances of winning in the
Super Raffle: 1 in 30!
A maximum of 200 tickets will be sold!

* For full item list and descriptions, see the rules and regulations sheet where the **Raffle & Super Raffle tickets are sold.**



The Boston Sea Rovers is an all-volunteer non-profit organization. Your support helps us achieve our mission of promoting education, exploration and conservation of the underwater world.



2022 67th Boston Sea Rovers Show (Front Row Kneeling, L to R): Michele Hall, Amy Malkoski, Holly Martel-Bourbon, Patricia Morton, Nick Fazah, Rob Robison, Evelyn Dudas; 1st Row (L-R): Jake Stout, Jennifer Penner, Tom Packer, Steve Gatto, Randy Barron, Amy Mauer, Dawn Guglielmo, Mike Zappala, Faith Ortins, George Buckley, Becca Boring, Bill Buckley, Erin Quigley, Kim Malkoski, Dee Malkoski, Joy Marzolf, Patrick Madden, Michel Labrecque, Julie Ouimet, Pat Stayer, Nancy McGee, Vin Malkoski; 2nd Row (L-R): Joel Penner, Laura Gallagher, Joe Mazraani, Ted Maney, Jim Stayer, Rick Simon, Charles Mazel, Roger Hanlon, Mike Guglielmo, Ed Hayes, Bill VanderClock, Howard Hall, Mike Lodise, Keith Kelly, Mark Dixon, Robbi Laak, Rob Weintraub, Woody Tinsley, Greg Skomal; Back Row (L-R) Paul Leonard, Paul Cater Deaton

The 2020 Boston Sea Rovers

Board of Directors

Dave Morton, Chairman
 George Buckley
 Nick Fazah
 Keith Kelly
 Pat Morton

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Nick Fazah, President
 Kim Malkoski, Vice President
 Keith Kelly, Treasurer
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Active Roster

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 Alex Dulavitz
 Laura Gallagher
 Ethan Gordon
 Dawn Guglielmo
 Mike Guglielmo
 Ryan Hunter
 Paul Leonard
 Dee Malkoski
 Vin Malkoski

Ted Maney
 Joy Marzolf
 Amy Maurer
 Uma Mirani
 Rob Robison
 Jake Stout
 Woody Tinsley
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Peter Besgen
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Ali Borowski
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Glenn Butler
Cynthia Butts
Nick Caloyianis
Bernie Campoli
Paul Cater Deaton
Bob Cembrola

Chuck Davis
Fred Dion
Mark Dixon
David Doubilet
Evelyn Dudas
Bill Dworet
Sylvia Earle
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Ken Lavigne
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Mike Lodise
Pat Madden
Joe MacInnis
Amy Malkoski
Matt Marcoux
Andy Martinez
Charles Mazel

Oedipus
Betty Orr
Dan Orr
Faith Ortins
Julie Ouimet
Tom Packer
Jeff Pagano
Frank Panaccio
Jennifer Penner
Joel Penner
Wes Pratt
Erin Quigley
Joe Romeiro
Pat Rooney

Peter Symasko
Eric Takakjian
Neil Tassel
Susan Tunis
Terrence Tysall
Bill VanderClock
Dave Wagstaff
Barrie Walden
Berkley White
Andrea Zaferes
Mike Zappala
Zachary Zevitas

The Boston Sea Rovers Mission

The Boston Sea Rovers is an all-volunteer non-profit organization "Dedicated to Raising the Level of Knowledge of the Underwater World" since 1954. It is our mission to organize this yearly event designed to engage you, the public – divers, nature enthusiasts, photographers and filmmakers. In addition, we are graced by speakers who travel from the far corners of the planet to present at our show. They're a mix of the world's best and brightest professionals focused on the underwater world. Beyond engaging the public, their presence here has also forged many long-term professional relationships that have changed the face of diving and underwater exploration. For more information on the Boston Sea Rovers, go to: www.bostonsearovers.com.

Diving with the Rovers

Diving has continued to increase, and people are traveling again. Dive travel is still more of an adventure than it used to be, but at least we are getting out there again. Along those lines, here are a few stories from the Rovers.

One group of Rovers - **Pat** and **Dave Morton**, **Kim Malkoski**, **Joe Mazraani**, and Jenn Sellitti - rang in the new year in Bonaire. By all accounts, it was a major shock to Joe's system to discover that there are other kinds of diving besides wrecks, but all is well. Turns out he likes seeing fish when diving in a place where he can actually see them. Kim's year of travel continued with a trip to Florida with **Vin Malkoski** for technical training with **Terrence Tysall**, and another trip with Vin to the Cornwall region of England for CCR training. Upon their return, both have started a petition drive to get a diver lift installed on the CAD II. As anyone who has been diving in the UK knows, this is a very civilized way to dive. Kim rounded out her year with the usual schedule of training and project dives for WHOI.

Reporting in from island of Borneo, **Fred Dion** has been staying local and diving in the South China Sea. A trip to the eastern part of the island to dive Sipadan is planned in November. Continuing the Pacific theme, **Joy Marzolf** resumed leading trips for the Oceanic Society, visiting and filming in Palau and Baja, Mexico, as well as Belize in the Caribbean. A major highlight was photographing whale sharks off Baja. On a show-related note, Joy will have several of her animals on display during Kid's Day, including a live alligator. For those concerned about safety, **Woody Tinsley** and **Rick Simon** are not allowed in the room during this portion of the exercise.

Holly Bourbon and husband Billy started their 2022 season with a trip to Curacao. No dive trip for Holly would be complete without time spent conducting REEF Fish ID surveys and she did not disappoint. In October, she will be diving in Bonaire

with the National Aquarium's 1st Mission Based Conservation trip. Toward the end of the year, Holly will begin prepping for an expedition to the Antarctic in March of 2023 with some dry suit diving with Kim and Vin Malkoski. That should be fun to watch...

Nick Fazah spent a good amount of time teaching CCR on the Prism 2, including a few CCR Deco and Trimix classes in Bonaire. He is also back teaching Freediving again, both locally and internationally with some freediving camps and instructor programs later in 2022. While on the subject of teaching, we got a report from **Dan** and **Betty Orr** who continue to set the bar for how to stay active in retirement. Since the beginning of the pandemic, Dan has conducted 45 free diving safety webinars, they released a new e-book, *101 Tips for Recreational Divers* (wisedivers.com), and continue to consult on all aspects of diving. Dive travel included a trip to Tasmania, close encounters with grey whales in San Ignacio Lagoon, and field testing the new Avelo diving system in Maui. Along the way, Dan celebrated his 75th birthday diving at the Southern Cross Club in Little Cayman. It's good to be the Orrs.

Bill Buckley Update – Day 1,825. Still no diving to report. By now, it is widely believed that Bill has not only forgotten more than what the average diver knows, but also whatever he knew about diving. Accordingly, we have registered him for the Try Scuba event on Saturday morning.

On her first trip to Hawaii with Amy and Vin, **Margaret Malkoski** visited the island of Maui. She enjoyed seeing turtles on every dive and discovered her new favorite fish - the humuhumunukunuaipua'a. Admittedly, these are beautiful fish but it should be noted that this is a name that she can pronounce as there are no "r"s. With the lessening of the pandemic, **Amy** was back at work diving and running boats in the polar regions, Alaska, and the Pacific Northwest. **George Buckley** worked in Bonaire on a Lac Bay ecology project about mangroves and seagrasses and completed a film about coral reef management and protection for Caribbean TV.

Michel Labrecque and **Julie Ouimet** were busy with the launch of their new dive operations off the remote island of Anticosti, QC., located in the heart of the Gulf of St. Lawrence. They greeted their first ever guests in June and July and hosted BSR intern **Hailey Springer** in August. Julie was invited to preside the video jury of the World Championships of Underwater Images in Porto Santo, Portugal. Michel gave numerous online presentations and captained their dive boat LIMITLESS while they continue to explore the virgin waters of the Gulf.

Enjoy the show!

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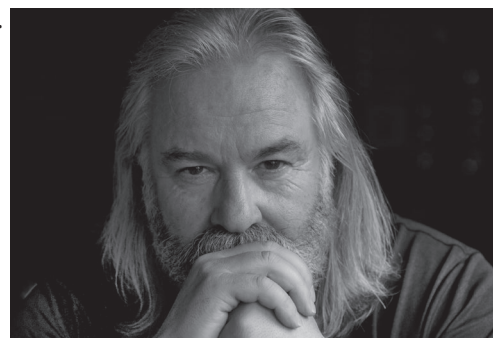
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Chuck Davis– 2022 Walter Feinberg Diver of the Year Award

Chuck Davis is a world-renowned artist, natural history photographer, and filmmaker. In a career that spans over 40 years, he has filmed in worldwide locations, including Arctic Alaska, Greenland and the frigid waters of the Antarctic, as well as the humid climate of the Amazon. Earning degrees from UMass Amherst and Brooks Institute in fisheries biology and filmmaking, respectively, Davis has combined his love and knowledge of art and science to bring the underwater world to people in a more artistic way, one that gives them a new appreciation and understanding for the majesty of the underwater world.



His filming credits include work on several IMAX productions, including two Academy Award-nominated films, *Alaska: Spirit of the Wild* and *The Living Sea*. Davis also worked as a cinematographer and still photographer on numerous expeditions with the Cousteau filming teams aboard vessels *Alcyone* and *Calypso*, working with the late Jacques-Yves Cousteau and his son Jean-Michel on a variety of projects over the years. Davis' still photography has been widely exhibited in museums and galleries and published in magazines such as *LIFE*, *Lenswork*, *B&W*, *Silvergrain Classics*, *National Geographic*, *ORION*, and *BBC Wildlife*, and he is the author/photographer of *California Reefs* (Chronicle Books).

Widely known for his analog still imagery, Chuck Davis brings complexity and nuance to each subject he photographs. A master of light, line, and tone, Davis brings viewers to a deeper understanding of environments and subjects such as California kelp forests, smacks of sea nettle jellyfish, or migrating mobula rays. In addition to his excellence behind the lens, Chuck is also a master of the darkroom, known for spending hours perfecting single prints. Utilizing a variety of advanced developing techniques, he masterfully adjusts the tonal and granular compositions within his images, creating visual art that challenges what we think we know about the underwater world, and illuminating those beliefs to truly artistic levels. Recently, Davis' work was included in a groundbreaking exhibition, *Vital Waters*, curated by Ansel Adams' daughter-in-law Jennean F. Adams, that also featured images from other acclaimed and revered photographers, including Ansel Adams, Ernie Brooks and Ryuji Douglas. One of Chuck's images was a humpback whale as it breached off the shore of Monterey Bay, in which Davis expertly interpreted the available light and, as the sun settled beneath the clouds, captured an image that is more reminiscent of moonlight rather than daylight.

Chuck Davis is a true pioneer of the underwater world, creating visual masterpieces that not only capture the magnificence of the ocean and its inhabitants, but also conjure spiritual refuges that inspire all of us to better understand, and protect, this delicate ecological habitat for the health of our planet.

Chuck is a member of the Boston Sea Rovers, and we are honored to present him with our highest award.
The inscription on the Paul Revere silver bowl reads:

Chuck Davis
Passionate Master Image Maker
Majestically Capturing & Preserving
The Mystique of the Underwater World

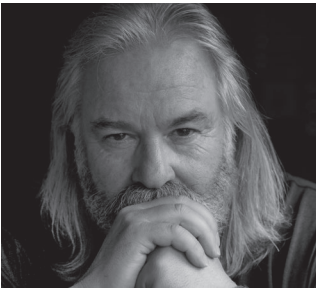
1956 Edward Pansewitz
1957 Peter Gimmel
1958 James Cahill
1959 James Dugan
1960 George Bond
1961 Harold Edgerton
1962 Hans Keller
1963 Pablo Bush Romero
1964 Alan Krasberg
1965 Kip Wagner
1966 Scott Carpenter
1967 Stan Waterman
1968 Joseph MacInnis
1969 Al Giddings
1970 Melville Bell Grosvenor
1971 George Benjamin
1972 Paul Tzimoulis
1973 Smokey Roberts
1974 Jack McKenney
1975 David Doublet
1976 Luis Marden
1977 Rick Frehsee

1978 Eugenie Clark
1979 Sylvia Earle
1980 Robert Ballard
1981 Larry Emmerson
1982 Elga Andersen
1983 Frank Scalli
1984 Don Stewart
1985 Walt Hendrick, Sr.
1986 Rusty Murray
1987 Argo/Jason Jr.
1988 Emory Kristof
1989 Stan Waterman
1990 John Stoneman
1991 Walt "Butch" Hendrick, Jr.
1992 Ruth Dixon Turner
1993 Dee Scarr
1994 Nick Caloyianis
1995 Bill Curtsinger
1996 Wes Pratt
1997 Bill Hamilton
1998 Frank Fennell
1999 Jordan Klein

2000 John Cronin
2001 Sam Raymond
2002 Peter Benchley
2003 Howard & Michele Hall
2004 The Boston Sea Rovers
2005 Mike DeGruy
2006 Phil Nuytten
2007 Ernie Brooks
2008 Bob Talbot
2009 Brian Skerry
2010 Wes Skiles
2011 Marty Klein
2012 Jill Heinerth
2013 Bob Boyle
2014 Greg Stone
2015 Rick Rosenthal
2016 Dr. Greg Skomal
2017 Don DeSantis
2018 Berkley White
2019 Joe Romeiro
2020 Joe Hohmann
2021 Victoria Stone & Mark Deeble



68th Annual International Film Festival



Chuck Davis

Our Master of Ceremonies, Chuck Davis is a freelance cameraman, photographer and director of photography, who specializes in underwater photography. During a career spanning over 40 years, he has filmed in worldwide locations, including Arctic Alaska, Greenland and the Antarctic. His filming credits include work on several IMAX productions, including two Academy Award-nominated films, *Alaska: Spirit of the Wild* and *The Living Sea*.

Davis also worked as a cinematographer and still photographer on numerous expeditions with the Cousteau filming teams aboard vessels *Alcyone* and *Calypso*, working with the late Jacques Yves Cousteau and his son Jean-Michel during production of the *Rediscovery of the World* TV series and later on Jean-Michel Cousteau's award-winning *Ocean Adventures* PBS series. His feature film experiences include underwater 2nd unit filming for films such as Warner Brother's *Sphere* and Walden Productions' *Chasing Mavericks*.

Davis' still photography has been widely exhibited in museums and galleries and published in magazines such as LIFE, Lenswork, B&W, Silvergrain Classics, National Geographic, ORION, and BBC Wildlife; he is the author/photographer of *California Reefs* (Chronicle Books). In 2017, Davis was awarded the prestigious NOGI Award for Arts by the Academy of Underwater Arts and Sciences.



Jim & Pat Stayer

The Stayers, Boston Sea Rovers Associate Members and Explorer Club Fellows, are well-known underwater filmmakers dedicated to sharing shipwrecks, animal behavior, and remote dive destinations around the world. Jim & Pat have discovered several historic shipwrecks, co-authored 3 books, produced hundreds of multimedia presentations, and their footage has appeared on numerous major networks worldwide. They have directed several evening film festivals and are popular presenters across North America. The couple has been diving for 47 years and ran a charter boat on the Great Lakes. Jim is a USCG Captain and Pat is in the Women Divers Hall of Fame. Together they have led an amazing life of adventure.



Joel Penner

Joel is the founder of Newmediasoup, LLC, a multimedia and event coverage company based in Northern California. Joel creates underwater images that captivate an audience and conveys the beauty of what lies beneath the waves. His love for the ocean is limitless; if he could, he would be in the water everyday with his camera. By sharing his passion for the ocean through video, his hope is to increase awareness of the importance of ocean conservation and preserving marine habitats for future generations to enjoy.

As a regular contributor to many scuba diving publications, he also regularly tests products for Backscatter Underwater Video & Photo and assists with video editing features related to new products. As a licensed commercial Drone Pilot, Joel also likes to capture aerial cinematography for use within his videos. Joel is proud to be Associate Member of the Boston Sea Rovers.



Tara Roberts

Tara Roberts is a National Geographic Storytelling Fellow and the host and executive producer of the National Geographic-produced podcast, *Into the Depths*. She spent the last few years following, diving with and telling stories about Black scuba divers as they search for and help document slave shipwrecks around the world. Her goal is to reimagine and reframe the origin story of Africans in the Americas and to tell stories that humanize and bring empathy, nuance and complexity to their human journey. Tara is featured on the cover of the March 2022 issue of National Geographic magazine.



Tara was also a Fellow at MIT's Open Documentary Lab. She has also worked as an editor for CosmoGirl, Essence, AOL, EBONY and Heart & Souland edited several books for girls. She founded her own magazine for women 'too bold for boundaries.' And Tara spent an amazing and fulfilling year backpacking around the world to find and tell stories about women social entrepreneurs. This journey led to the creation of a social enterprise that supported and funded the big ideas of those female change agents, a stint running communications for Ashoka and time coaching social entrepreneurs for Red Bull's Amaphiko Academy.

Keith Ellenbogen

Keith Ellenbogen is a celebrated underwater photographer working with conservation-based organizations to showcase the visual complexity of underwater environments from inshore coastal waters to the wild open sea. Through his photography Keith seeks to evoke a sense of discovery of fantastical creatures to captivate our imagination and create intimate, personal connections that inspire positive social change.



Keith is an Associate Professor of Photography at SUNY/Fashion Institute of Technology; Visiting Artist at Massachusetts Institute of Technology / MIT Sea Grant; Senior Fellow, The International League of Conservation Photographers; Fellow, The Explorers Club, and is Affiliated with the New England Aquarium's Anderson Cabot Center for Ocean Life. Keith was the recipient of an Ernest F. Hollings Ocean Awareness Award, U.S. Fulbright Fellowship and a TED Residency. He is honored to be an Associate Member of the Boston Sea Rovers.

Currently Keith has an outdoor public photography exhibition at the New England Aquarium highlighting Stellwagen Bank National Marine Sanctuary from June 22 - November 1, 2022. For more information visit his website.

Join us after the Film Festival for our renowned

Meet the Speakers Party

This is your opportunity to meet the speakers up close and personal, see the famous Sea Rovers dunking ceremony and dance until the wee hours of the morning. The party will be in the ballroom adjacent to the Film Festival presentation.



2022 Summer Internship Sponsors & Donors

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&
Pat Madden

Ted & Mary Maney

Robbi Laak

The following Sea Rovers and friends have made a donation to help support the Boston Sea Rovers Summer Internship.

Corporate Sponsors



2021 Film Festival Participants:
(L to R) Michel Labrecque, Dr. Greg Skomal, Juile Ouimet, Howard Hall, Michele Hall, BSR President Nick Fazah, Jennifer Sellitti, Rick Simon, Jennifer and Joel Penner

2022 Boston Sea Rovers Summer Intern

For 18 years, the Sea Rovers' Summer Internship has played a major role in our mission to produce the next generation of diving leaders. Following the spring semester, the 2024 Intern will partner with members of the Boston Sea Rovers and associates located throughout the United States to experience a wide variety of jobs and career choices. Based in part on the personal interests of the Intern, the Internship will provide advanced dive training courses and ample opportunities to dive and train with a variety of dive professionals in a broad cross-section of diving environments. Opportunities can include hands-on work with professional under water photographers and filmmakers, educational specialists, marine engineers and scientists, equipment manufacturer's representatives, and dive shop owners. In addition to the unique time spent with some of our most distinguished members, the Sea Rovers Intern will be outfitted with dive equipment (provided by Sea Rover corporate sponsors) for their use throughout the summer and will receive the necessary financial support to ensure travel and living expenses. To be considered for the Sea Rovers Summer Internship, the candidate must be a certified diver living in New England, a graduating high school senior, college freshman or sophomore, have outstanding scholastic grades and extra-curricular activities, and be committed to an underwater career. Applications for the 2024 Internship must be received by November 15, 2023. See our website - www.bostonsearovers.org – for more details.



Boston Sea Rover Intern Alumni, 2021

Brady Watson, 2023 Intern



The Sea Rovers proudly announce that Brady Watson of East Greenwich, Rhode Island is the 2023 Boston Sea Rovers Annual Summer Intern. Brady will be a freshman at the University of Rhode Island in the fall, majoring in geological oceanography. He is a certified divemaster and plans to pursue technical diver training. His interests outside of diving include gardening and serving as the sports photographer for his high school yearbook. He works for a pool company and as a divemaster.

Applications for the 2024 Internship must be received by November 15th, 2023:

Please see our website
www.internship.bostonsearovers.com
for details

2022 Boston Sea Rovers Dive Training Scholarship

In 2020, the Boston Sea Rovers announced the start of the Jake Duvall Memorial Diving Scholarship. The intent of this annual scholarship is to provide scuba lessons and full sets of scuba gear to be used by one or two Boston-area high school students that have a passion for the ocean and a desire to learn to dive, but who may lack the financial ability to achieve such a goal.

The Sea Rovers and the Scholarship Committee are extremely grateful to our corporate sponsors, Henderson Aquatics (www.hendersonusa.com) and the Sherwood Genesis Group (www.sherwood-scuba.com) for their generous support of this endeavor.

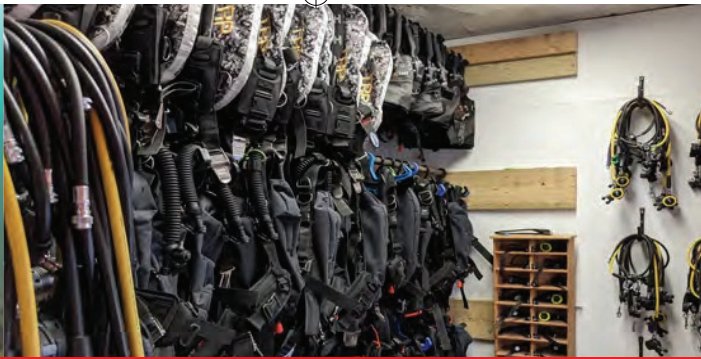
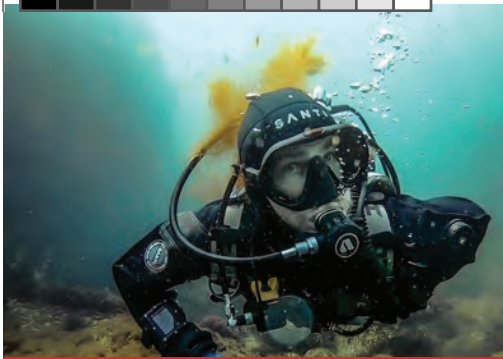
In 2022, diving instruction is being donated by East Coast Divers. Information on this program and the application process, as well as an opportunity to donate to this scholarship may be found on our website - www.bostonsearovers.com.



Gabriella Thomas-Arbaje, 2022 Duval Scholarship Recipient



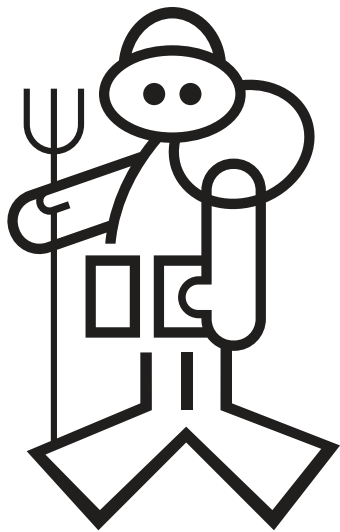
The Sea Rovers proudly announce that Gabriella Thomas-Arbaje of Boston, Massachusetts is the first Jake Duvall Memorial Diving Scholarship recipient. Gaby is a rising senior at Boston Latin School. Her passion for marine science began in middle school during a snorkeling trip with her parents. Since then, Gaby has sought opportunities to learn more about the aquatic world, aiming to make science a more inclusive and diversified field where women and people of color feel they can belong. Gaby was recipient of a scholarship for Girls in Science program on Cape Cod, and was supported by her high school for a 3-week science program in Palma de Mallorca, Spain. Gaby was also selected to work as a teen Intern for the New England Aquarium. During the Aquarium internship, she was chosen as a spokesperson for the ClimaTeens Summit and she gave an outstanding presentation about invasive green crabs and their effects on the New England ecosystem. Gaby's interests expand beyond marine science and she is very committed to supporting women in leadership roles. She hopes to stay in Boston for college and intends to major in marine biology.



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Saturday – Daytime Seminar Schedule 2022

	Gimbel Room	Cousteau Room	Doc Edgerton Room
Room Topic	<i>Wrecks & Maritime History</i>	<i>Creature Feature</i>	<i>Potpourri</i>
9:00 am - 9:45 am	Thomas Easop <i>The Four Turrets of The Bayern - The Most Unique Shipwreck in the World (and its still there*)</i>	Roger Hanlon <i>My Octopus Teacher "Amplified"</i>	Amy Giannotti <i>Life on the high seas with Cape Cod shipmaster, Captain Samuel F. Knowles</i>
10:00 am - 10:45 am	Charles Lagerbom <i>High Risk, High Reward: The Wreck of the Maine-built Downeaster St. Mary</i>	Joy Marzolf <i>Oceans of Reptiles</i>	Kramer Wimberley <i>Diving With a Purpose</i>
11:00 am - 11:45 am	Matt Cinciripino <i>Crossroads of Commerce – Shipwrecks of the Great Lakes</i>	Shayne Sanders <i>The Art of Photographing Exotic Locations</i>	Hailey Springer <i>2022 Boston Sea Rovers Summer Internship</i>
<i>Be sure to visit all of the exhibitors and exhibits during the lunch break.</i>			
Room Topic	<i>Wrecks & Maritime History</i>	<i>Photo & Video</i>	<i>Exotic Locations</i>
1:00 pm - 1:45 pm	Erik Petkovic <i>The Hunt For U-111</i>	Thomas Gaitley <i>Disaster Prevention and Recovery for the Underwater Photographer: "Years to acquire and moments to lose."</i>	Michael Salvarezza & Christopher Weaver <i>Tubbataha: Coral Kingdom of the Sulu Sea</i>
2:00 pm - 2:45 pm	Jennifer Sellitti & Joe Mazraani <i>Discovery of the R-8 and the History of Aerial Bomb Testing Off America's Coast between WWI and WWII</i>	Becca Boring <i>Underwater Photography for Wreck Divers: 10 Tips for New Photographers</i>	Michel Labrecque & Julie Ouimet <i>Anticosti – Quebec's Mythical Island</i>
3:00 pm - 3:45 pm	Brandi Mueller <i>The Airplane Graveyard of Kwajalein Atoll</i>	Jake Stout <i>Methods to the Madness of Photography</i>	Jim & Pat Stayer <i>Island Hopping in Indonesia</i>
4:00 pm - 4:45 pm	John Stella <i>Ancient Byzantine Shipwreck in Greece</i>	Hergen Spalink <i>Field Tested Tips for Better Still and Moving Images</i>	Nancy McGee <i>Last Best Place</i>

**Note that participants scheduled to speak at any Sea Rovers Clinic event are subject to last minute travel and work emergencies inherent when pushing the boundaries of filmmaking, exploration and discovery. Please understand that the participant list is subject to change at the last moment.

Sunday – Daytime Seminar Schedule 2022

	Gimbel Room	Cousteau Room	Doc Edgerton Room
Room Topic	<i>Stellwagen Banks NMS Wrecks & Maritime History</i>	<i>Sharks, Sharks, Sharks</i>	<i>Marine Conservation NGO's</i>
9:30 am - 10:15 am	Calvin Mires <i>Archaeology and Anthropology of 1898 Steamship, Portland</i>	Todd Essick <i>Saving Our Sharks Foundation: The Isla Mujeres Initiative</i>	Dr. Alex T. Vai <i>To Protect and Enjoy: Recipes from the Front Lines of Environmental Advocacy in Massachusetts</i>
10:30 am - 11:15 am	Evan & Maryann Kovacs <i>3D modeling of the Steamship Portland</i>	Greg Skomal <i>Sharks of New England</i>	John Mandelman PhD <i>The New England Aquarium and Anderson Cabot Center for Ocean Life</i>
11:30 am - 12:15 am	Kirstin Meyer-Kaiser <i>Biological communities on shipwrecks in Stellwagen Bank National Marine Sanctuary</i>	Keith Cowley <i>A Brief History of Sharks</i>	Kristen Kibblehouse <i>Awareness Inspires Conservation, An Overview of the Atlantic White Shark Conservancy</i>
<i>Be sure to visit all of the exhibitors and exhibits during the lunch break.</i>			
Room Topic	<i>Dive Medicine & Technology</i>	<i>Sharks & Exotic Places</i>	<i>Marine Conservation NGO's</i>
1:00 pm - 1:45 pm	David Charash <i>Medications and Diving: Is it safe to dive on my medication?</i>	Paul Cater Deaton <i>The Only Good Shark</i>	Sandra Whitehouse <i>The Ocean Conservancy</i>
2:00 pm - 2:45 pm	Michael Lombardi <i>Oxygen Treatment Hoods: How a Diving Technology Pivot Breathed Life into the Covid-19 Pandemic Response</i>	Faith Ortins <i>Exploration: The Challenges and the Rewards</i>	Paulette Durazo <i>Center For Coastal Studies Marine Animal Entanglement Response</i>
3:00 pm - 3:45 pm	Robert MacAleese <i>Public Safety Diving & SONAR use</i>	Pat Madden <i>Iceland – Home of Black Smokers and Gas Station Hot Dogs</i>	Laura Parker Roerden <i>The Surprising Ways Youth and the Ocean Matter</i>

Please scan to complete a survey of our Boston Sea Rovers Seminars, Speakers, and Workshops. We appreciate all feedback to create the best possible program for all.



2022 Daytime Speaker Bios & Seminar Descriptions

Saturday Morning:

Gimbel Room Morning - Wrecks & Maritime History

Tom Easop is a professional photographer, writer, and publisher. His latest book *The Guns and Armor of Scapa Flow* was photographed using custom-made large format cameras of his own design and manufacture. Tom travels the world shooting for various projects, in addition to lecturing and teaching.

The Four Turrets of The Bayern - The Most Unique Shipwreck in the World (and it's still there)*: This 'shipwreck' is unlike any other. The SMS Bayern was the largest German battleship to see action in WWI, with the largest guns at sea at the time, save for its British counterpart, HMS Repulse. But Bayern never fired its guns in anger. After the war, it was scuttled, then raised and scrapped, but not without putting up a fight. Several factors including the design of the Bayern, the salvage technique used, and impatience led to it being uncontrollably raised and then catastrophically dropped, which created a unique, diveable shipwreck. Its similar gunned compatriot, the HMS Repulse, was sunk by the Japanese in WWII and suffered a very different fate.

Charles Lagerbom has an MA in History/Archaeology from University of Maine. He organized surveys of ship remains in Maine lakes, the 1779 Penobscot Expedition and 17th century galleon Angel Gabriel off Pemaquid. Two field seasons were spent in Antarctica with University of Maine Quaternary Institute, now Climate Change Institute. Author of Maine Whaling and Maine to Cape Horn: A Most Dangerous Journey, he writes a column Half Seas Over: Interesting Research Related to Maritime Maine for The Camden Herald. Charles frequently speaks on Antarctica, Cape Horn, Maine whaling and New England colonial and maritime history. He lives in Northport.

High Risk, High Reward: The Wreck of the Maine-built Downeaster St. Mary: Captain Jesse Thayer Carver of Searsport gambled everything he owned on a single ship and one voyage, one that would make or break him. The ship was the Downeaster St. Mary, her destination San Francisco, and Carver's big challenge was to get her around Cape Horn. What followed is a tale of storms, shipwreck, tragedy, and loss, but also one of redemption and return. Captain Carver and St. Mary represent an important chapter of Maine maritime history, when ambitious men challenged the seas with wooden sailing ships in high risk, high reward ventures.

Matt Cinciripino Since being certified in 2004, the sport of diving quickly grew from a hobby to a passion for Matt. Diving has since opened various areas of interest from marine ecology to sub-aquatic history to underwater photography. Matt has been one of the owners of Scuba Shack since 2017, and has been privileged to dive in many locations from Hawaii, across the Caribbean and the Great Lakes

Crossroads of Commerce – Shipwrecks of the Great Lakes: A video presentation shot during a technical diving trip to the Mackinaw and Michigan's upper peninsula area. The video features the history and current condition of the brig Sandusky (Lake Michigan), the steamship Vienna (Lake Superior), and the bulk carrier Cedarville (Lake Huron).

Cousteau Room Morning - Creature Feature

Roger Hanlon is a diving biologist who studies rapid adaptive coloration in cephalopods. He has conducted detailed field studies worldwide with the aid of diving citizen scientists and film crews, and has published 250 scientific papers, several dozen

of which involve two dozen octopus' species worldwide. He is a Senior Scientist at the Marine Biological Laboratory in Woods Hole and was trained at Florida State University, the University of Miami, and Cambridge University. Active public outreach includes TED 2019, BBC, NOVA, Discovery, National Geographic, TEDx 2015, New York Times, and others.

My Octopus Teacher "Amplified": Roger will carefully review and reiterate this spectacularly popular Netflix program and analyze the filmmaking while simultaneously adding additional facts about the unique attributes of this octopus species.

Joy Marzolf has been doing animal-related education programs for over 20 years, now with The Joys of Nature (thejoysofnature.com). One of her favorite things is to challenge misconceptions about animals that people fear, including reptiles. She has worked with a wide range of reptiles in field research, rescue/rehab and live animal education programs. In addition to decades of work with crocodylians, snakes and other reptiles in captivity, she has been volunteering with the Crocodile Research Coalition in Belize since 2018. She is also a Naturalist Trip leader for the Oceanic Society, educating groups about a wide variety of ocean creatures.

Oceans of Reptiles: We often think of reptiles as land animals, but what about sea turtles? While we love seeing these animals underwater, they are ever under threat from human impacts. Many people fear reptiles, especially those they do not understand, like sea snakes and crocodiles. These animals have much more to fear from humans than we do from them. Learn about the work being done by the Oceanic Society to educate about sea turtles, and other wildlife, as well as the research and public education by the Crocodile Research Coalition to help conserve crocodiles in Belize.

Shayne Sanders began his love for wildlife when his father took him on his first 24-hour bird-a-thon at just three years old. He grew up exploring a variety of ecosystems and began his career in professional photography, photographing in National Parks and doing product photography but wanted to set his sights higher. He is a Certified Photography Instructor with Lindblad Expeditions/National Geographic and travels to the most remote places on the planet. When he is not traveling, he still leads Audubon Birding trips sharing his love of birds with others. Exploring new places allows him to further his knowledge of culture, wildlife, and different ecosystems around the world. He also loves the underwater world and is an avid diver with his fiancé Amy.

The Art of Photographing Exotic Locations: This talk will explore the art of storytelling in exotic locations through photography. Shayne travels to some of the most remote corners of the world and will take you on a journey of these locations through his own photos and the tools he uses to bring them to life. He will teach you the lessons he has learned through his assignments to bring your photography to the next level. These concepts can be used by smartphone users or with a professional camera and will teach you the way to utilize these devices to capture remarkable photos. Bring your sense of adventure and let's take a journey through the lens.

Doc Edgerton Room Morning - Potpourri

Amy Giannotti is a marine ecologist and proudly represents Schoolyard Films as their Director of Development. Amy's love of the sea spans generations, as her great-great grandfather was a prominent captain of sailing ships from Cape Cod during the 1800s. Amy has a B.S. in biology from Marietta College and a M.S.

in environmental sciences from the University of Virginia. She has extensive experience in freshwater and marine environments, including underwater caves and problems with invasive species.

Life On the High Seas With Cape Cod Shipmaster, Captain Samuel F. Knowles: This presentation will trace the fascinating life & adventures of my great-great-grandfather, Capt. Samuel F. Knowles. Born in Orleans, MA, in 1855, Capt. Knowles commanded barks, schooners, & clipper ships in an exhilarating career where he & his family met the challenges of life on the high seas head-on.

Kramer Wimberley is a board member and lead instructor for Diving With a Purpose, and is the founder of the organization's CARES program. Kramer has been diving for 37 years and is a Master Scuba Diver Trainer with PADI. Kramer was featured in Samuel Jackson's six-part Series "Enslaved", where they told the stories of the Transatlantic slave trade through the lens of shipwrecks. He's partnered with NOAA, Florida Keys National Marine Sanctuary, Coral Restoration Foundation, Florida Sea Grant and many others in helping to preserve our coral ecosystem. Kramer spent 29 years in the Fire Service in Newark, New Jersey as a Fire Captain, Executive Officer for their Arson Investigation Unit, Deputy Municipal Emergency Manager and Acting Fire Director. He attained his Juris Doctor at City University of New York.

Diving With a Purpose: Diving With a Purpose Collective Approach to Restoring our EcoSystems (CARES) is a citizen science-based coral ecosystem monitoring program that trains recreational scuba divers to document the current condition of the coral ecosystem by identifying key indicator species.

Hailey Springer is very excited to be the Boston Sea Rovers 2022 Summer Intern! She grew up in York, Maine and is currently a freshman at University of California, Santa Barbara. She hopes to continue the double major path of aquatic biology and communications! She is a part of the UCSB Scuba and Freedive club and has loved exploring the kelp forests off the west coast. Hailey started getting into photography in high school and practiced by taking photos for local businesses in southern Maine. She also completed a year-long research paper exploring the marketing aspect of marine conservation, where she was able to converse with many underwater photographers and learn about their work.

2022 Boston Sea Rovers Summer Internship: Hailey will present highlights from this summer as the 2022 Boston Sea Rovers Summer Intern.

Saturday Afternoon:

Gimbel Room Afternoon - Wrecks & Maritime History

Erik Petkovic is an explorer, author, maritime historian, shipwreck researcher, and technical wreck diver. Erik is the author of multiple wreck diving and maritime history books. He has been featured in publications worldwide and is a consultant for various production companies. Erik regularly presents at the largest dive shows and museums and is a sought-after presenter due to his unique storytelling and in-depth research. He currently lives in Southern Maryland with his wife and sons.

The Hunt For U-111: In 1922, the last World War I U-boat was sunk in American waters. For one hundred years, the U-111 was lost to history. In June 2022, after years of extensive research, a team led by Erik Petkovic, discovered the U-111. This is the remarkable tale of the history of one of the Kaiser's U-boats and the discovery

of this lost grey wolf told through never-before-seen archival documents and underwater footage.

Jennifer Sellitti is Marketing Director of Atlantic Wreck Salvage and a crew member aboard the company's vessel, D/V Tenacious. She manages topside operations during dive expeditions, conducts historical research, and leads the team's effort to educate the public about the importance of shipwreck discovery and salvage. A criminal defense attorney by trade, she is also a diver and a U.S.C.G. licensed ship captain. Since childhood, **Joe Mazraani** has been fascinated by the he underwater world. Growing up in Lebanon, Joe spent his summers by the Mediterranean. He immigrated to the U.S. at age 15 and became a certified diver in the mid-90s. Joe quickly took to diving sunken wrecks off the Northeast U.S. coast. Shipwreck exploration is a way of life for Joe. He is president of Atlantic Wreck Salvage and operates the dive vessel Tenacious, which was specifically acquired and outfitted to accomplish several projects, including locating and exploring U-550 and other deep, uncharted wrecks in the North Atlantic. A criminal defense attorney by trade, Joe is also a U.S.C.G. licensed captain.

Discovery of the R-8 and the History of Aerial Bomb Testing Off America's Coast between WWI and WWII: In December of 2020, a team that includes Associate Sea Rovers Garry Kozak, Eric Takakjian, Joe Mazraani, Tom Packer, and Steve Gatto announced the discovery of the wreckage of the R-8 (S.S. 85), an American submarine dispatched by experimental aerial bomb testing in 1936, off the coast of the Delmarva Peninsula. The discovery is historically important because R-8 is one of few American submarines resting in diveable East Coast waters that had yet to be located. This presentation will focus on the history of the R-8, previous searches for the wreckage, the story of our team's discovery, and the history of aerial bomb testing and demonstrations off the East Coast between WWI and WWII. The wreck is in extremely deep but diveable waters.

Brandi Mueller is a photographer and writer obsessed with diving, traveling and WWII wrecks. In an attempt to dive as much as possible, she's been a scuba instructor for 18 years and a boat captain for 15. In non-Covid times she captains the M/V Truk Odyssey liveaboard in Chuuk (Truk Lagoon) for a part of the year and travels to other dive locations to conduct freelance work on her time off.

Brandi has won several awards and is widely published and has a book called *The Airplane Graveyard*. She is an Ikelite Ambassador, part of the Ocean Artists Society and a Platinum Pro 5000 recipient.

The Airplane Graveyard of Kwajalein Atoll: At the end of WWII, military goods that were no longer needed were dumped into the ocean around the Pacific. In the lagoon of Kwajalein Atoll more than 150 perfectly good American Warbirds were dumped and now rest in the sand. Douglass Dauntless, Avengers, Wildcats, PBJs, plus a Corsair and C-46 can be seen across a two square mile area. What was the significance of these places in the Pacific Theater and why were they left behind? Images and stories about the planes are included in this presentation.

John Stella is a well-known dive industry professional and experienced wreck diver. His involvement with a Greek dive team as a senior dive team member and technical advisor has changed his life. John has been a member of the Explorers Club since 2017, and he carried the Explorers Club Flag #69 to the Fournoi Greece mission in 2021. John was also a recipient of the Explorers Club Discovery grant in 2021.

Ancient Byzantine Shipwreck in Greece: 58 ancient shipwrecks dated as early as 600 BCE have been found in one location in Greece! National Geographic has called this area in Greece "The ancient shipwreck capital of the world". After five years and

hundreds of dives around the island of Fournoi, Greece, the expedition has moved to a new phase of excavating an ancient Byzantine shipwreck. In 2021, a team of 30 technical divers, support staff, and a commercial diving barge began excavating this ancient shipwreck. Dozens of ancient artifacts were removed, and its cargo was analyzed. John Stella will return to Greece in September 2022 to continue the excavation phase of the mission and will share his latest experience with us.

Coasteau Room Afternoon - Photo & Video

Thomas Gaitley is a juried, award-winning fine art landscape and underwater photographer. For over 30 years, he has been both a fine art photographer and scuba instructor. Tom conducts photography workshops and classes and his work has been exhibited throughout New England in galleries, and other venues, and printed globally in journals and magazines. He is a juried Exhibiting Artist Member of the prestigious Rockport Art Association & Museum and the Needham Art Association. When he is not out playing with his two dogs, you will find him road-tripping and diving to find that one perfect image...which still eludes him.

Disaster Prevention and Recovery for the Underwater Photographer: "Years to acquire and moments to lose." Think of all the time, expense, and emotions you have invested in your photography. Yet, disaster is always waiting at the edges: a camera flood, corrupted images, or stolen gear. The simplicity of "My images are "backed up" or are "in the cloud" provides a false sense of security. This presentation will cover disaster prevention and recovery strategies, tools and techniques to minimize the risk of losing your hard-won images and what to do should the inevitable disaster happen. Perhaps not the most thrilling topic, but a critical one that is analogous to eating our vegetables as a child. We knew it was good for us, but it wasn't our favorite thing to do. Tom will present the steps and actions necessary to protect our valuable images a bit more palatable.

Becca Boring is the Operations Manager of Backscatter Underwater Video & Photo and an Associate Member of the Boston Sea Rovers. As an avid wreck diver and camera system nomad, she has experience with numerous cameras and photo techniques and has shot hundreds of thousands of bad, to mediocre, to pretty okay images from which to learn.

Underwater Photography for Wreck Divers: 10 Tips for New Photographers: Plunging into underwater photography can be daunting, particularly when you're a wreck diver and not a photographer at heart. We face a unique set of challenges in an unusual environment. Being able to document history in an active state of decay is a remarkably rewarding endeavor – and quite possibly easier than you think. Get a jump start with 10 underwater photography tips for wreck divers and new photographers.

Jake Stout is a wildlife photographer specializing in natural history photojournalism. A native of Cambridge, Massachusetts, Jake has been sharpening his photography skills since 2009 and has worked across many genres of the medium. Jake began his SCUBA journey in 2017 and never looked back. A year later, he was the recipient of the Boston Sea Rover's internship in which he traveled around the world doing underwater photography with marine scientists, BBC and National Geographic photographers and filmmakers. In 2019 Jake had the honor of presenting his work at the Boston Sea Rovers Film Festival, the longest continually running dive show in the world, and was inducted as a full active roster member in 2020. He is currently developing underwater camera technology in the Red Sea at the Derya Akkaynak COLOR lab.

Methods to the Madness of Photography: Whether you're a professional photographer or just having fun, the formula you use to make photos will greatly impact the success of your imagery. Learn from Jake Stout as he discusses four separate processes and approaches to any given photographic shoot. Delve deeper into understanding your own mindset and how it impacts your imagery and gain a greater appreciation for the relationship between you the photographer, your subject and your viewer.

Hergen Spalink is a Nauticam Ambassador who lives and works at the forefront of underwater imaging. Since 2010, Hergen and his partner Kerri Bingham have been leading exclusive underwater photography safaris and workshops in the world's best dive destinations, where guests benefit from the couple's deep passion for the underwater world and twelve years of experience managing dive businesses in Indonesia and the Caribbean. Hergen is also the co-author of the Underwater Photography Series, along with Photoshop guru Deke McClelland, at Lynda.com. Hergen is both a PADI-certified scuba diving instructor and an Adobe Certified Expert in Lightroom.

Field-Tested Tips for Better Still and Moving Images: Dive into some of Nauticam ambassador Hergen Spalink's top tips to help you capture better underwater images and videos. This presentation is for both beginner and experienced shooters looking to improve their skills.

Doc Edgerton Room Afternoon - Exotic Locations

Michael Salvarezza and Christopher Weaver have been diving in the waters of the world since 1978. They have presented their work numerous times at the Boston Sea Rovers Underwater Clinic, and at all of the major dive conferences, and have published more than 200 articles in numerous magazines, including National Geographic Adventure. Their work has been used to support a variety of research and educational programs. Their expeditions have taken them from the Arctic to the Antarctic and many places in between.

Tubbataha: Coral Kingdom of the Sulu Sea: The Tubbataha Reefs lie 93 miles from the nearest land in the Philippine's Sulu Sea and are at the epicenter of global marine biodiversity in the region known as the Coral Triangle. Journey to these hard-to-reach atolls with Eco-Photo Explorers and dive the spectacular reefs of this Marine Protected Area. Explore lush coral reefs teeming with life and descend into the depths along sharp drop-offs to encounter schooling Barracuda and Trevally, massive Marbled Rays and the giants of the sea, the Whale Shark. Learn about the successful management program that has been established to keep these reefs healthy and protected. Tubbataha is, in many ways, a surviving example of what healthy coral reefs should look like in the world's oceans.

Michel Labrecque & Julie Ouimet are seasoned divers who have traveled the world. They are technical trimix divers, rebreather divers, explorers, and the owners of a new dive operation located on the remote island of Anticosti, Quebec. Michel is a photojournalist and Julie is a videographer and filmmaker. They are both Fellows of the Explorers Club and Associate Members of the Boston Sea Rovers. They have twice been bestowed the honor of carrying the Explorers flag, contributed to the creation of an MPA and received the Explorers Club Citation of Merit. In 2016, Michel was named a PADI Ambassador. Julie is a member of the Women Divers Hall of Fame.

Anticosti – Quebec's Mythical Island: Your heart beats fast, you

are charmed and overwhelmed. It's love at first sight! The island of Anticosti has this effect. Located in the Gulf of St. Lawrence in Quebec, Canada, its 300 miles of coastline are virgin and unexplored. Follow us on what may very well be our biggest project yet! Join us for a behind-the-scenes look at what's involved in exploring this remote island's mythical waters.

Jim & Pat Stayer are Boston Sea Rovers Associate Members and Explorer Club Fellows, are well-known underwater filmmakers dedicated to sharing shipwrecks, animal behavior, and remote dive destinations around the world. Jim & Pat have discovered several historic shipwrecks, co-authored 3 books, produced hundreds of multimedia presentations, and their footage has appeared on numerous major networks worldwide. They have directed several evening film festivals and are popular presenters across North America. The couple has been diving for 47 years and ran a charter boat on the Great Lakes. Jim is a USCG Captain and Pat is in the Women Divers Hall of Fame. Together they have led an amazing life of adventure.

Island Hopping in Indonesia: Join Jim and Pat as they share their latest trip to Indonesia. Visit 11 islands and many of their favorite dive sites including some dives near the now active Mt. Agung Volcano. From fantastic macro to magnificent oceanic mantas, this trip provided some incredible diving experiences, along with some interesting land creatures, such as the Komodo dragon. The program also includes dives on the Liberty Shipwreck and underwater temples. The highlight of the trip was the dive with the MolaMola. Come see how this amazing trip unfolds.

Explorer and filmmaker **Nancy McGee** lives a life of adventure and diversity. Known as Ms. Exosuit, AKA the Pachyderm Princess, she is the first female Exosuit pilot as well as a magazine centerfold, next to a 3000 lb. swimming elephant. An Explorers Club Fellow, Nancy currently serves as Texas Chapter Chair and Vice President of Chapters. She was inducted into the Women Divers Hall of Fame. Nancy's expeditions have opened several new regions to responsible eco-tourism, including the Andaman Islands and the Forgotten Islands. She has dived seven continents in a marine career spanning more than 40 years.

Last Best Place: One question I am frequently asked is, "where is your favorite place to dive"? In a career spanning 40+ years, tens of thousands of dives, and seven continents, I have a well-informed answer for that question. Join me as I show images and discuss my Last Best Place.

Sunday Morning:

Gimbel Room Morning - Stellwagen Bank NMS Wrecks & Maritime History

Dr. Calvin Mires has over 20 years of experience in maritime archaeology. He has led and worked on more than 40 maritime archaeology projects around the world. He currently is a Research Associate III at Woods Hole Oceanographic Institution. He was the Chief Archaeologist for a multi-year deep-sea documentation of shipwrecks in Stellwagen Bank National Marine Sanctuary, and for a mapping project for the Bureau of Ocean and Energy Management on shipwrecks in the Gulf of Mexico. He is also involved in research into the viability of eDNA recognition in cooperation with WHOI and DPAA.

Archaeology and Anthropology of 1898 Steamship, Portland: This talk is designed to be part of a larger panel organized by Stellwagen Bank National Marine Sanctuary as it prepares for the 125th anniversary of the sinking of the steamship, PORTLAND, which was lost in 1898 with all 200 people onboard. This talk

includes new archaeological findings, artifacts and analysis. It will also include a discussion of the role and challenges of 3D modeling for shipwreck sites in the mesophotic zone and highlight the impacts and heritage of the Portland's sinking.

Evan and Maryann Kovacs own and operate Marine Imaging Technologies, a Pocasset-based underwater company that specializes in imaging the underwater world. Together and separately they have surveyed and filmed sites around the planet using a variety of underwater diving and filming platforms. More importantly, they often process the data and create beautiful models and images that are both artistic and instructive in nature.

3D modeling of the Steamship Portland: During 2019 and 2020, researchers collected hours of video and still images from the steamship Portland to create the most detailed 3-D representation of the shipwreck. This talk is a behind-the-scenes look at how the data was collected, and the many challenges it presented both in the field and ultimately in processing the data. This will be the first time the model is revealed to the general public.

Dr. Kirstin Meyer-Kaiser is a marine biologist at Woods Hole Oceanographic Institution. Her research focuses on the colonization and connectivity of isolated, island-like habitats, including shipwrecks. She is an avid technical SCUBA diver and has ongoing projects in the Arctic, Gulf of Mexico, and Palau.

Biological Communities on Shipwrecks in Stellwagen Bank National Marine Sanctuary: After a ship sinks, it takes on a new life as an ecological habitat. Shipwrecks host colorful and diverse communities of anemones, sponges, crabs, and fish. In 2019-2020, I led an interdisciplinary team investigating three shipwreck sites in SBNMS. Our research showed diverse and abundant communities and highlighted the role that shipwrecks play as "unplanned artificial reefs". Shipwrecks provide large, complex structures that are not mirrored by natural hard-bottom reefs, but they are also vulnerable to entangled fishing nets.

Cousteau Room Morning - Sharks, Sharks, Sharks

Executive Director **Todd Essick** brings a lifetime of experience to the Saving Our Sharks Foundation. He has been a scuba diver for more than four decades working as a photojournalist and a fine arts photographer. Beginning as a photojournalist, he eventually transitioned to the underwater realm to create an underwater fine art project, resulting in his book *Goddesses Sirens and Mermaids*, leading to several awards and honors. His travels inspired him to photograph and write about nature, including the world's first shark sanctuary in Palau. To stop the shark fisherman from catching and killing sharks, he helped establish a 501(c) 3 public charity that could fund shark conservation projects including the Isla Mujeres shark initiative.

Saving Our Sharks foundation: The Isla Mujeres Initiative: Isla Mujeres, Mexico, just northeast of Cancun, is the home of one of the biggest shark fishing communities in the Yucatan peninsula. Every year an average of 18,000 sharks of 24 different species are caught for the fishing industry. This practice has existed more than 60 years and some of the families involved have been devoted to this activity for over three generations. Saving our Sharks Foundation is supporting a local strategy to provide these fishermen with the opportunity to find alternative ways to support themselves and their families while giving thousands of sharks the opportunity to live and thrive.

Dr. Gregory Skomal is an accomplished marine biologist, photographer, and author. He has been a senior fisheries

biologist with the Massachusetts Marine Fisheries since 1987 and currently heads up the Massachusetts Shark Research Program, where he has been actively involved in research on the life history, ecology, and physiology of sharks. He has written dozens of scientific research papers and his work has been highlighted in several film and television documentaries including programs for National Geographic, Discovery Channel, and PBS.

Sharks of New England: About a dozen species of sharks migrate into New England waters each year. This presentation will showcase the diversity of these species and what scientists have learned about their natural history, ecology, and unique physiology that allows them to thrive in our temperate waters.

For over 20 years **Keith Cowley** has recovered, prepared and preserved prehistoric sharks for exhibitions and private collectors. He has tracked down historical artifacts from around the world that detail the story of the shark, culminating in his development of America's first shark history museum, the Living Sharks Museum. As a shark historian and museum curator he aims to change the negative narrative that leads to the plight of sharks and give a stage to those working to protect them. He is on the Advisory Board with Shark Research Institute (SRI) and part of the R/V Warfish team with Joe & Lauren Romeiro (333 Productions).

A Brief History of Sharks: Sharks have existed for over 400 million years, but we are only just getting to know them. With the aid of original artifacts from the Living Sharks Museum, learn how our interactions with sharks over time continue to influence our perceptions of their role from commodity to necessity for our planet's future.

Doc Edgerton Room Morning - Marine Conservation NGO's

Dr. Alex T. Vai volunteers as the Campaigns Coordinator and Treasurer for the Surfrider Foundation Massachusetts Chapter, leading policy and advocacy for the organization at the state and local level. He has been personally involved in over 20 campaign victories since starting with Surfrider MA in 2018. In his day job, Alex is a chemist and product development lead at a Boston-area cleantech start-up. What time remains is spent finding ways to enjoy the outdoors, including as a New England diver, hiker, and orienteer.

To Protect and Enjoy: Recipes From the Front Lines of Environmental Advocacy in Massachusetts: The Surfrider Foundation is an environmental non-profit dedicated to helping all people protect and enjoy the ocean through public advocacy and education. While personal choices matter, the major challenges facing our ocean – from plastic pollution to unequal ocean access to climate change – are big, systemic problems that need big, systemic solutions. Recent campaign victories and ongoing efforts from the local Massachusetts Chapter provide useful insights on how volunteers can meaningfully advance effective, science-driven policy solutions at the state and local level, offering both inspiration and practical guidance for anyone seeking to magnify their own positive environmental impact.

John Mandelman PhD. is Vice President and Chief Scientist of the Anderson Cabot Center for Ocean Life, the Aquarium's solutions-based ocean research, policy, and technical advising institute. Dr. Mandelman has resided at the Aquarium in various capacities since 2004. In collaboration with various colleagues around the globe, John's scientific research has focused on better understanding and reducing negative effects of human-induced disturbances on vulnerable ocean species, including sharks in the North Atlantic. The research has also been routinely used to inform fisheries management, industry practices and ocean

policy.

The New England Aquarium and Anderson Cabot Center for Ocean Life: The Anderson Cabot Center for Ocean Life at the New England Aquarium is a groundbreaking initiative designed to expand the Aquarium's cutting-edge applied marine research and data-driven conservation solutions. Through the work of the Anderson Cabot Center, our researchers offer practical solutions to mitigate human impacts on our oceans. We promote these science-based solutions in New England and beyond, building on the Aquarium's nearly 50-year legacy of protecting our blue planet and advocating for vital and vibrant oceans.

Kristen Kibblehouse works as the Community Engagement Manager for the AWSC. She has been involved in education, outreach and research related to the white shark work being conducted off of Cape Cod since 2016.

Awareness Inspires Conservation, An Overview of the Atlantic White Shark Conservancy: This program provides an overview of the natural history of the white shark in the northwest Atlantic, and how that history coincides with the origin and work of the Atlantic White Shark Conservancy (AWSC). This program will touch on the public perception of white sharks and their role in our marine ecosystem. The ongoing white shark research taking place off Cape Cod is explained, as well as how that research is connected to public safety and white shark conservation.

Sunday Afternoon:

Gimbel Room Afternoon - Dive Medicine & Technology

David Charash is a Dive Medicine Physician who is Board Certified in Undersea and Hyperbaric Medicine, and Emergency Medicine. He has been a hyperbaric physician for 30 years. He is also a DAN Referral Physician, DAN Instructor and founder of Dive Medicine and Hyperbaric Consultants. As a consultant, he works with the diving industry, divers, and with medical facilities on all aspects of Dive Medicine, Hyperbaric Medicine and Wound Care-related issues. He is also the producer of the podcast Fitness In Diving, which can be found on Apple and Spotify.

Medications and Diving: Is it safe to dive on my medication?: This may not be the best question to ask. This presentation will give you the necessary information to better understand the many issues related to medications and diving. Directly connected to safe diving is understanding your Fitness to Dive. The nexus between Fitness to Dive and Medications will be discussed. There will be opportunity to ask questions!

Michael Lombardi is a career diving contractor based in Rhode Island who has amassed more than 5000 working dives in very challenging conditions - ranging from inshore marine construction to deep mesophotic coral reefs. He Co-Chairs the Marine Technology Society's Diving Committee and is widely published in the field. His company design/builds closed circuit rebreathers, CCTV systems, portable habitats, specimen collectors, and recently medical device appurtenances. His work has been funded by the National Geographic Society, and recently featured on Discovery Channel's Shark Week.

Oxygen Treatment Hoods: How a Diving Technology Pivot Breathed Life into the Covid-19 Pandemic Response: Covid-19 has impacted all of us, and remains difficult to manage in low and middle income communities (LMICs). Early in the pandemic Lombardi teamed up with Subsalsve USA to rapidly gain FDA Emergency Use Authorization and bring to market a lifesaving oxygen treatment hood that had previously not been used

extensively outside of Europe. Numerous successful use cases from within the US and as far as Bangladesh, Nigeria, Bolivia, and other areas will be presented, along with future directions for this exciting technology and technique which has its roots in diving - a true gift from the sea!

Tpr. Rob MacAleese is a Master Diver with 20 years dive experience. He is a graduate of Mass Maritime Academy and has served for 7 years on the Massachusetts State Police Underwater Recovery Team.

Public Safety Diving & SONAR Use: This Presentation with Sgt Jost of the Massachusetts State Police Underwater Recovery Team will highlight what we do as a team and the manner in which it benefits the public including with recovery, evidence recovery and port security. We will highlight a search that we completed off of Chatham for a downed airplane and a missing pilot. This search encompasses many of our tools including using sonar and diving. Photos and video of the effort will be included.

Cousteau Room Afternoon - More Sharks & Exotic Locations

Paul Cater Deaton is an award-winning Writer, Producer, Director and Cinematographer who has shot on six continents for film, TV, music video, magazine and documentary projects. Credits include The Travel Channel, NatGeo Wild, The Discovery Channel, HBO Documentaries and The Amazing Race. He is a member of the Television Academy, The Explorers Club, Boston Sea Rovers, Historical Diving Society, and Rotary Club. Paul has been a SCUBA diver for over 30 years. He is certified in Global Shark Biology, Biodiversity and Conservation by Cornell University and the University of Queensland, Australia.

The Only Good Shark: Will humans undo that which nature has taken 400 million years to perfect? Based on his highly rated TEDx Talk, this film by Paul Cater Deaton outlines many of the dire threats facing shark populations, including overfishing, pollution, and finning. We learn about some of the many people and entities taking the lead in shark conservation, the benefits of preserving the majestic beasts, and why "The Only Good Shark" is a live one.

Faith Ortins has spent her life educating people about diving through her love and enthusiasm for the ocean. She inspires people and instills in them a passion for diving in all its forms. In the early 1990's, she worked with DUI to develop the first women's drysuits before becoming DUI's VP of Sales and Marketing for 20 years. She created the DUI DOG Rally and Demo Tour Program which promoted local diving facilities across the US, teaming dive retailers together while divers test-dive DUI products. She is now the co-owner of Blue Green Expeditions, which leads expeditions to all of the oceans on the planet including multiple polar expeditions.

Exploration: The Challenges and the Rewards: Faith has spent much of her life exploring the least-visited parts of the planet. In this presentation, she will discuss some of the unique challenges and incredible rewards of going to such remote places.

Boston Sea Rover, **Patrick Madden** has been diving since 1968, becoming a Certified Master Instructor/Instructor Trainer. He is a retired 26-year Veteran of the Royal Canadian Mounted Police (RCMP) and was the dive supervisor and instructor of the RCMP Underwater Recovery Team in Manitoba Canada for 7 years. Pat is a member of the College of Fellows of the Royal Canadian Geographical Society, the International of The Explorers Club and recipient of the SSA Platinum Pro 5000 Dive Award. He was the Project Leader for the successful search and recovery of a historic

1928 Fokker aircraft from a lake in Northern Canada. Pat has also made underwater discoveries in the Connecticut River, such as the remains of a historic bridge, and artifacts from the turn of the century log drives.

Iceland – Home of Black Smokers and Gas Station Hot Dogs: When one thinks of exotic dive locations, Iceland is not normally the first place to come to mind...but once you visit, it will be. Join me in a photographic adventure highlighting Iceland's wild undeveloped geography which includes diving at the location where you can touch both the North American and Euro-Asian tectonic plates, view countless waterfalls and geothermal springs, glaciers, moonscapes, whale watching, diving on black smokers, and of course the famous wall – "Winter is Coming". Not to be outdone by sightseeing, are the wonderful Icelandic culture and cuisine appealing to divers and non-divers alike.

Doc Edgerton Room Afternoon - Marine Conservation NGO's

Dr. Sandra Whitehouse has served as an ocean policy advisor on a consulting basis to multiple organizations, utilizing her expertise as a marine scientist to advance policies and programs related to ocean health, marine ecosystems and sustainable coastal economies.

The Ocean Conservancy: Ocean Conservancy is working with you to protect the ocean from today's greatest global challenges. Together, we create evidence-based solutions for a healthy ocean and the wildlife and communities that depend on it.

Paulette Durazo is originally from Mexico. She has a Master's degree in Oceanography in addition to 10 years of experience working with marine mammals. Paulette spent much of this time in the Baja California Peninsula, Mexico working on research projects ranging from the feeding ecology of harbor seals to population studies of gray whales. She also worked as a naturalist in Cabo San Lucas and the San Ignacio Lagoon. Paulette joined the Center for Coastal Studies in 2019 working as research assistant with the Humpback Whale Studies Program and as a rescue assistant for the Marine Animal Entanglement Response team.

Marine Animal Entanglement Response: Marine animal entanglement is a leading cause of mortality in large whales. This presentation will cover an overall explanation of the entanglement problem, and the history of the formation of the Atlantic Large Whale Disentanglement Network (ALWDN). We will be sharing some of our latest disentanglement efforts and demonstrate how to identify and report an entangled animal.

Laura Parker Roerden has a passion for the ocean and what it can teach us. She is the founder and executive director of Ocean Matters, a nonprofit that supports teenagers in being stewards for the marine environment through service projects performed on scuba. Laura has over 25 years of experience nurturing and supporting social responsibility in young people including educational outreach projects she developed for the Corporation for Public Broadcasting, Ben & Jerry's, the NBA, Frontline, Pokemon, Operation Respect and others. She has served on the boards of Women Working for Oceans (W20), Earth, Ltd., The One Flower Project, and is a judge for the Bow Seat Ocean Awareness Program.

The Surprising Ways Youth and the Ocean Matter: What does successful youth engagement in scuba and ocean conservation look like and why does it matter? Drawing on 20 years of diving with teens in programs all over the world, Laura will outline some of the surprising ways that teens can rise on behalf of the sea and how it benefits both them, the scuba industry, and our oceans.

2022 Featured Exhibit

Boston Sea Rovers Intern Showcase!

Boston Sea Rovers Interns are known for their interest and love of the underwater world. While their specific interests may vary from photography & videography to field science, commercial diving or even a combination of underwater related interests, they have all had the unique opportunity to learn from many different Boston Sea Rovers and other top experts around the world.

Learn more about the experiences of Boston Sea Rovers Interns who have continued to chase their dreams of a career in the marine world. How did the internship help them find or direct their interests? What are they doing now and how did they get there? Come find out!

Know a teenager with an interest in the underwater world? Check out the Intern Page! Boston Sea Rovers weekend will also give the public a chance to talk to recent interns and learn more about the application process for future Internship years.

Exhibit Hours: Saturday 9am-5pm and Sunday 9:30am-3pm



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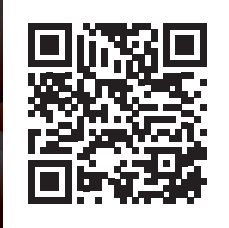
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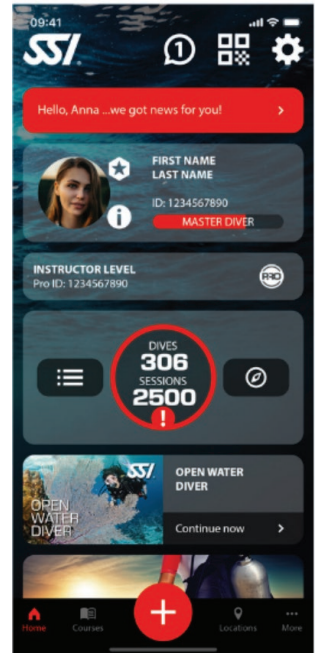
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2022 Kids Day Activities | 10:00AM - 2:00PM

Sunday is Kids Day! Kids 12 and under are FREE at the Boston Sea Rovers Show. Activities and presentations will be hosted on the second floor where the workshops are located, accessed by ballroom stairs. All programs, excluding the tidepool touch tank, will last approximately 30 minutes each. Please note that children must be accompanied by an adult at the times.

Activities Include:

10:30am - 2:00pm | Get Up Close and Personal with Sea Creature Touch Tanks
Travel Tidepools Courtesy of the *Sea Coast Science Center*

Kids Day Interactive Presentation Schedule:

10:00am - 10:30am | *The Joys of Nature: Sensational Sea Snakes (With Live Animals!)*
10:45am - 11:15am | *Atlantic White Shark Conservancy Sharktivities event: Shark Myth Busting*
11:30am - 12:00pm | *Mass Audubon's Joppa Flats Wildlife Sanctuary: The World of Penguins!*
12:30pm - 1:00pm | *The Joys of Nature: Working with Alligators & Crocodiles (With Live Animals!)*
1:15pm - 1:45pm | *Atlantic White Shark Conservancy Sharktivities Event: Shark Myth Busting*



Joy and alligator friend!

**** Please Note: Sunday Kids Day events are FREE!! However tickets are still required for regular Boston Sea Rovers Daytime Seminars and the Evening Film Festival**

2022 Careers In the Marine Sector (COMS)

The Career Opportunities in Marine Sectors (COMS) Symposium offers a series of dynamic presentations about the world's oceans as well as discussion of Career Opportunities in the Marine Sector including Science, Technology, Engineering and Math (STEM) and the Arts. This will be a Hybrid format with in-person attendance or via Zoom to your classroom. It is free to area students and teachers with confirmed reservations. In-person Symposium took place on Friday September 30, 2022, 8:30 AM - 12:30 PM at Salem State University Veterans Hall.

This year's Presentations Included:

Amy Giannotti - Marine Ecologist - Schoolyard Films

Jennifer Sellitti - Shipwreck Diver, D/V Tenacious - Criminal Defense Attorney

Joe Mazraani- Shipwreck Diver, D/V Tenacious - Criminal Defense Attorney

Amy Malkoski - Naturalist and Expedition Diver - Lindblad Expeditions

Dave Morton - Marine Acoustical Engineer - Ocean Acoustical Services and Instrumentation Systems (OASIS)

The recorded Symposium will be available on our web site in the near future.

68th Boston Sea Rovers Outreach

The Boston Sea Rovers are active members in the community, attending many ocean and dive events throughout the New England. Here are some they participate in during the year.

Women Divers Day - July 16, 2022

Stage Fort Park, Gloucester

Great Annual Fish Count - July 23, 2022

Stage Fort Park, Gloucester

East Boston Maritime Beach Festival - August 12, 2022

Constitution Beach

Coastsweeps Costal Beach Cleanups** - September 25, 2022

Stage Fort Park, Gloucester



Great Annual Fish Count 2022

**In conjuncture with Bay State Council Treasure Hunt and North Shore Frogmen/Metro West Dive Club Annual Picnic

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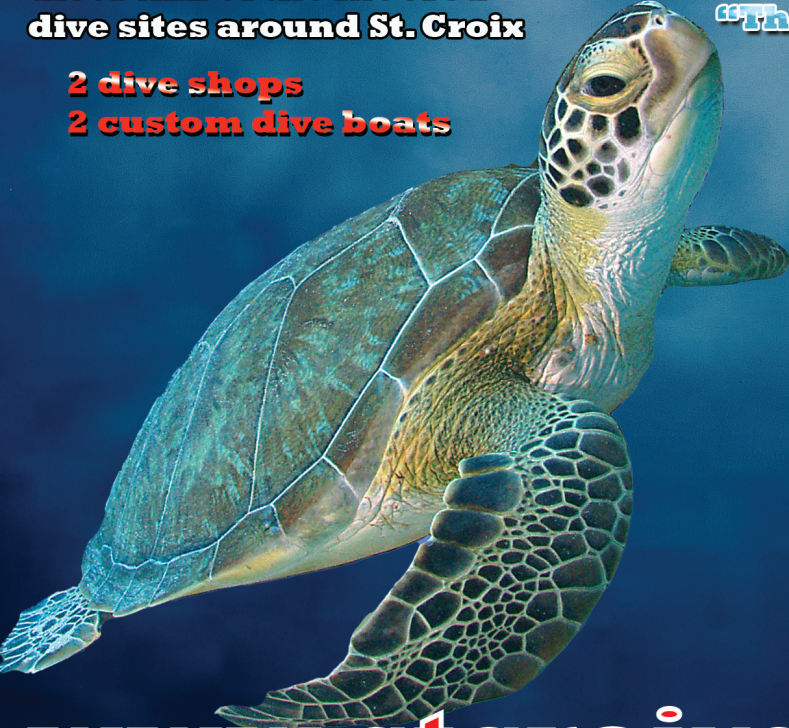
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2022 Workshop Schedule

Find full details and descriptions online at: bostonsearovers.com and get room locations from signage at the show.

****All workshops required pre-registration prior to this weekend**

Friday:

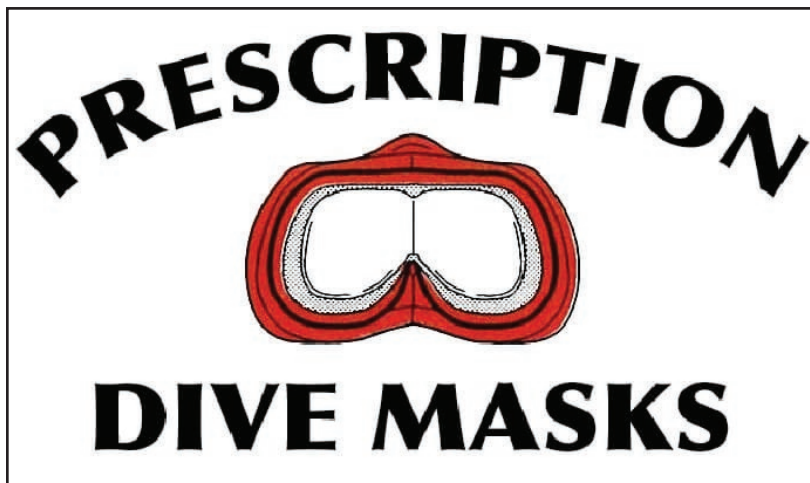
- 8:00am - 5:00pm | PSI Training: Visual Cylinder Inspection
- 8:00am - 5:00pm | PSI Training: Visual Cylinder Inspection (Refresher)
- 9:00pm - 4:00pm | 2022 Boston Sea Rovers Public Safety Workshop

Saturday:

- 9:00am - 10:00pm | PSI-PCI Annual Update
- 9:00am - 12:00pm | Lifesaving Techniques For Divers
- 9:00am - 12:00pm | Everything You Always Wanted to Know About Dive Computers, But Were Afraid To Ask
- 9:00am - 5:00pm | Seashells Around the World
- 10:00am | Discover Scuba (in Pool)
- 11:30am | Discover Scuba (in Pool)
- 11:30am - 1:30pm | PSI Training: Oxygen Cylinder Cleaning Technician
- 1:00pm | Discover Scuba (in Pool)
- 1:00pm - 4:00pm | Northeast Regional Diving Safety Officer Meeting
- 1:00pm - 4:00pm | Beyond Good Dive Practice, Beyond Good Photo Technique and Beyond Good Image Workflow: A Lifetime's Worth of U/W Photographic Cardinal Rules and Core Concepts.
- 2:30pm - 4:30pm | PSI Training: Valve Repair Technician

Sunday:

- 9:00am - 12:00pm | Diving In New England - How to Plan and Prep to Dive Local
- 9:00am - 12:00pm | You Can Do It! Writing and Publishing Your First Book
- 9:00am - 1:00pm | Boy Scouts Oceanography Merit Barge Workshop
- 9:00am - 3:00pm | Seashells Around the World
- 9:30am - 4:00pm | Kids Day Activities
- 1:00pm - 4:00pm | Aerial Drone 101 for Scuba Divers



In Memoriam



JoAnn Zighan

A former showroom model in Manhattan, JoAnn's career in the diving industry began when she met and married Armand "Zig" Zighan while earning her college degree. She became a scuba diver in 1972 and would later create fashion shows to raise funds for Beneath the Sea. While an administrator at the Albert Einstein College of Medicine, JoAnn sharpened the skills used to set the foundation for Beneath the Sea to become a driving force in the dive industry. She started the family-oriented Ocean Pals program, which featured an ocean environmental art program and international poster contest for grade school children across the world. JoAnn later initiated the Beneath the Sea Marine Careers program and created a Scholarship Program to support the same young people seeking marine careers. She was inducted into the Women Divers Hall of Fame in 2001 and received the Wyland Icon Award in 2012. Later that year, JoAnn and husband Zig were honored by the International Scuba Diving Hall of Fame in recognition for their many contributions to the world of scuba diving and scuba travel. Back at home in Westchester County, JoAnn provided tremendous support to the Maria Fareri Children's Hospital and Westchester Medical Center. JoAnn's warm and caring presence in the diving community will be sorely missed.



Tom Mount

As the owner of the International Association of Nitrox and Technical Divers (IANTD), a founding member of the National Association for Cave Diving (NACD), and a cave diving pioneer, Sea Rover Associate Member Tom Mount was well-known within the technical diving community. The U.S Navy taught him how to dive in 1957 and he served with the Underwater Demolition Teams and was attached to the Army Corps of Engineers. After the Navy, Tom worked as the diving officer for Lockheed at Cape Canaveral and as the director of Scientific Diving Programs for the University of Miami/RSMAS. Tom also pioneered the application of visualization techniques to diving and dive preparation. He was a prolific author, licensed pilot and boat captain, photojournalist, and photographer. Tom's contributions to technical diving, diver training and safety helped guide divers all over the world and will live on for many years to come.



Sam Raymond

A long-time Boston Sea Rover, Sam is one of a very few to earn the prestigious designation of Honorary Sea Rover. He attended MIT in the late 1940s and while working with Dr. Harold Edgerton, eventually headed the ocean products division at EG&G. In 1962, Sam founded Benthos Undersea Systems in North Falmouth, MA. Benthos became a leader in designing and manufacturing equipment for ocean science and underwater photography, contributing to many important oceanographic research expeditions for organizations including Woods Hole Oceanographic Institute and the National Geographic Society. Benthos equipment was used to capture the first photographs of the wreck of RMS Titanic on the sea floor, as well as in filming underwater sequences for James Cameron's movie Titanic. From diving under the ice at the North Pole with the National Geographic Society to exploring the ancient culture of Tibet with his daughter, Sam led a life full of adventure, world travel, endless curiosity, and innovation. He is pictured here with fellow Rover, Marty Klein.

Remember to Raise a Toast To All of the Rovers Past

Elga Andersen	Chip Cooper	Walter Gaudet	Joe Linehan	Bob Price
Gimbel	Jacques Yves	Peter Gimbel	T. Walker Lloyd	Glen Reem
George Benjamin	Cousteau	Harold Goodwin	Luis Marden	Smokey Roberts
George Bond	Mike deGruy	George Gorman	John McAniff	Tony Salerno
Bob Boyle	Don DeSantis	Bill Hamilton	Jack McKenney	Don Scalli
Ernie Brooks	Norm Despres	Walt Hendrick Sr.	Jim "Buzz" Milligan	Frank Scalli
Jim Brown	Craig Douglas	Peter Hess	Robert Newbury	Harry Shanks
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