

# Speakers' Abstracts & Bios



## Dr. Anita George-Ares

Anita is a Women Divers Hall of Fame inductee. Her research at the Smithsonian resulted in the discovery of five new fish species. She was a research diver for National Geographic's Sleeping Shark Expeditions, Mote Marine Laboratory, and the Environmental Protection Agency. Anita contributes frequently to X-Ray International Dive Magazine. Anita's two presentations are listed below.



## John Ares

John is a professional photographer and has a Master's degree in Marine Sciences. While he has many photographic specialties, his passion is underwater photography. John's photographs and articles have appeared in many publications. John, an alumni PADI Course Director, teaches numerous Underwater Photography and Photoshop courses.

## Dividing the Fijian Islands of Viti Levu and Taveuni

Divers seeking exciting shark encounters will not be disappointed in Shark Reef National Marine Park, Viti Levu, where we had encounters with five shark species. Fiji is also known as "The Soft Coral Capitol of the World". Our presentation highlights Fiji's shark encounters, soft coral walls and unique fish species.

## Dividing the Maldives

Located in the Indian Ocean, the Maldives comprise 1,192 islands. The Maldives are famous for manta ray and shark encounters. Diverse and prolific fish species make the Maldives a "must dive" destination. We highlight Maldivian marine life, including multiple manta encounters and dives with numerous nurse sharks and moray eels.

## Jonathan Bird



Jonathan Bird is a professional underwater cinematographer and photographer. He has shot and produced over 40 films for broadcast and education. His films have appeared all over the world, on networks such as National Geographic Channel, PBS, ABC, USA Network, Discovery and even the SciFi Channel. He is the host and director of Jonathan Bird's Blue World, a family-friendly underwater science/adventure series on YouTube with over a million subscribers. He has directed three IMAX® films, including Secrets of the Sea, co-produced with legendary underwater filmmakers Howard and Michele Hall. He has won nine Emmy Awards, and published seven books of underwater photography.

## Europe's Scuba Diving Gem: Portugal

Everyone knows that the Azores are one of the world's top exotic scuba diving hotspots. But very few people know about the diving in other parts of Portugal such as Madeira, Porto Santo, Sesimbra, and more! With cold water, warm water, wrecks, kelp, tons of octopuses and even cave diving, Portugal is an absolutely amazing way to combine a fancy European vacation with some fantastic scuba adventures!

## Aquarius Reef Base

Where can you go to live underwater for a week at a time in saturation, enjoying dives to 100 feet with no decompression obligation and 8+ hours a day on the reef? There is only one place in the world: Aquarius

Reef Base in Key Largo, the world's only operating undersea research station. This combined photo/video presentation takes the audience inside life at Aquarius Reef base and shows how the aquanauts eat, sleep and dive in saturation for a week or more at a time.

## Glenn Butler



Founder / CEO, Life Support Technologies Group  
Glenn has more than 50 years' experience in military, commercial diving, as well as clinical hyperbaric medicine / hypobaric aerospace operations and Life Safety engineering for NASA. He has developed and operated thirty (30) plus major hospital-based Wound Care and Hyperbaric Medicine programs internationally. Today, Glenn and his team operate Hospital-based Wound and

Hyperbaric Medicine Centers in the New York Tri-State area. LST also provides advanced Life Safety Engineering services to NASA, DOD, the MTA East Side Access Tunneling Project connecting the LI Railroad with Grand Central station and Marine Rescue and Safety Training to the Tappan Zee Constructors-LLC during the Tappan Zee Bridge construction. He was a founding member of the National Board Certification for Hyperbaric Technologists and is a member of the UHMS Hyperbaric Safety Committee. He has authored 12 U.S. patents and published more than 45 scientific documents.

## The secret Underwater Cold War with the Soviets

In 1961, Kennedy announced the intention to place an American on the Moon before the end of the decade. What he did not disclose was that the US was also creating a super-secret underwater NASA of defensive and offensive weapons systems like atomic submarines with a budget 10 times the amount of money the Apollo 11 moon landing would cost. This unique talk and slide show will explain how this "Underwater NASA" helped save America during the Cold War with the USSR.



## David Charash DO, CWS, FACEP, FUHM

is the owner of Dive Medicine and Hyperbaric Consultants. He has worked in the Hyperbaric, Dive Medicine and Wound Care Space for 30 years. He is a NOAA Dive Medicine Physician, DAN Referral Physician and DAN Instructor. He has lectured Nationally and Internationally on all topics of Dive Medicine, Dive Safety and Dive Technology. He has been recognized for

dedicated teaching and support of the United States Navy Undersea Community. He was recognized as the DAN/Rolux Diver of the Year for 2022. Dr Charash has promoted Diving Safety through his Diving Sciences Symposiums and is the Host of the Podcast "Fitness in Diving" available on Apple and Spotify

## Larry Cohen and Olga Torrey



Larry Cohen's photographs have appeared in many publications internationally, and he is the NY editor of X-Ray Magazine. He is the underwater photo pro at B&H Photo. See his work at [www.liquidimagesuw.com](http://www.liquidimagesuw.com).

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Olga Torrey is a fine artist and a life member of the Art Students League of New York. Her underwater photographs have been published in InVetrum, X-Ray, Northeast Dive News, UK Dive, and The Ultimate Depth. See her work at [www.fitimage.nyc](http://www.fitimage.nyc)

## Mexico Adventure

Mexico offers a variety of underwater experiences for the adventurous scuba diver. Locations, including Cozumel, Riviera Maya, the Sea of Cortez, and Socorro, offer everything from caves to large animal encounters. Larry and Olga will show images from their travels captured on this country's east and west coasts.

## Pom Pom Island Malaysia: Not Just Macro

Pom Pom Island is known for macro life, but there is more to this extraordinary location. Turtles and shipwrecks are just some of the remarkable attractions under the Celebes Sea. Larry & Olga will show images of spectacular underwater sites and Kuala Lumpur.

## Annie Crawley



Annie Crawley has worked around the world with cameras in hand documenting our ocean. Her work has been published and broadcast worldwide. As an underwater explorer, she continues her mission connecting people to the ocean as a filmmaker, motivational speaker, photographer, writer, and a PADI Master Scuba Diving Instructor.

## Malpelo Island, Colombia

Malpelo Island may be the last remaining place on earth that sustains the highest shark biomass in the world including hammerheads, silky sharks, tuna and large schools of fish. Annie Crawley spent three months aboard the Silky catamaran with Biodiversity Conservation Colombia documenting the island and what they do to protect the region from illegal fishing.

## Great Photos in Three Easy Steps

This seminar will get your imagination flowing while sharing images and video from all different lighting situations. Discover how to best photograph your subjects in three easy steps whether you are shooting in green water or blue, macro or wide-angle. Annie has tips and tricks to share from the underwater lighting revolution!

## Christopher Drew

Christopher Drew is the founder of Scuba Tech and videographer with



Dive Voyager Expeditions. He loves instructing and filming on NJ&NY-area shipwrecks, with other research worldwide making use of digital survey. Whether training in archaeology, photogrammetry, or framing the perfect shot, he knows that every dive will uncover history and adventure!

## Stolt3D: Modern Digital Shipwreck Survey

What does it take to digitally map one of the largest popular shipwrecks off our Northeast coast? Join the Stolt3D expedition team and learn for yourself why we're doing a photogrammetric survey of the Stolt Dagali, how we're leveraging a hybrid team of divers and ROVs — then witness the modeling process itself!

## Photogrammetry: A Hands-On Introduction to 3-D Survey

Bring your shipwreck diving and survey skills to the next level by building a 3D model just minutes after your dive. With a camera, laptop, and scaled-site, create your first project. Handouts with files will be provided for convenient reference & practice.

## Louis Deflice, USNR



is a retired US Navy Master Diver with more than 30 years' involvement in military diving operations. He has extensive experience in; SCUBA, closed circuit rebreathers, surface supplied, saturation, salvage and underwater repair. He is currently head of the Naval Submarine Medical Research Laboratory's Diving and Hyperbaric Department.



## Charles George

Charles George is the founder of the George Law Firm LLC - Maritime Law Group - concentrating in Maritime, Corporate, Civil Litigation, and Diving Accidents and is the corporate counsel for Trans Global Auto Logistics, the Shipwreck Exploration Society and is a U.S. Merchant Marine Officer and a Technical Diving Instructor.

## A Primer On Maritime Salvage Law For Wreck Divers, Lake Divers, And River Divers.

What does the Recreational Sport Diver need to know? The laws are inconsistent and confusing in states, territories and countries. The Abandoned Shipwreck Act, Sunken Military Craft Act, Law of Salvage, local customs and practices and the Law of Finds make up modern salvage law. Whether you have found a wreck or a trove of artifacts; having a basic understanding of the local law ensures that the find will be protected from others; including the government.

## David Germai



A Seychelles national, who speaks and write French, English, and creole, he is a result driven person who has worked in several challenging managerial positions in the Indian Ocean Islands and on the African continent. He has participated in various ministerial meetings and discussions, including the African Union ministerial meeting group on the tourism sectors strategy for

Africa. David is Tourism Seychelles Regional Director for Africa & the Americas

## The Seychelles Islands Another World

Learn more about Seychelles' pristine waters, sustainability, flights, culture, history and of course, scuba diving.



## Butch Hendrick

With 55 years teaching thousands of sport and public safety divers worldwide, Butch created ground-breaking programs including "Rescue Diver" and "Field Neurological." This father of diving rescue invented the rescue throw rope bag, the do-si-do and in-water mouth-mouth procedures, the right-hand release weight standard, the 90% contingency diver.

## The energy of scuba diving – diving is a life style

We taught people to love scuba diving - to desire experiencing every portion of the underwater world. Divers aren't just looking for an annual 'experience' off a cruise ship, they're looking for excitement and adventure. We need to put excitement, adventure, and challenge back into diving. Together we can succeed!

**Note: Butch will do two WORKSHOPS with Andrea Zaferes. Please see Andrea's listing for detail.**



# Speakers' Abstracts & Bios



**Brian Kakuk**  
Brian Kakuk is the Founder/Director of the Bahamas Caves Research Foundation and Co-Owner of Bahamas Underground Cave and Technical Diving Facility on Abaco Island the Bahamas. He is an author, photographer, Diving Safety Officer, researcher, conservationist, cave and technical diving instructor with 40 years of underwater military, exploration, science, and film experience.

## Exploration, research and conservation of underwater caves in the Bahamas

One of the worlds most beautifully decorated underwater caves lies beneath miles of Bahamian limestone on the island of Abaco. This seminar outlines decade long efforts of the Bahamas Caves Research Foundation and their many partners to explore, research and conserve one of the most significant underwater caves on earth.



**Todd Kelly**  
Todd is an Emmy Award winning, underwater cinematographer for Jonathan Bird's Blue World. He has been diving since 1983. Based in New York City, Todd assists major broadcasters and film productions in editing and post production. He has advised on Super Bowl productions, multiple Olympic Games, and major Oscar winning film productions.

## The Orcas of Norway

Travel with me to the edge of the arctic, the land of Vikings, to visit the annual Orca migration in Norway. We will talk about this land of extremes and diving with the true apex predators of the ocean. Along the way we talk about what makes these pods unique among Orcas and the trials and challenges of filming these animals in the wild.

## First Year Rebreathing: lessons learned, and new expectations

This seminar is straight talk on the pros and cons of getting into rebreathers, from a new user perspective. We get away from the "brochure" and look at a real world transition to learning and using rebreather in the New York area.



**Richie Kohler**  
is an author and shipwreck explorer whose 40 years of underwater research and shipwreck exploration have taken him to all corners of the globe. Detailed in documentary films and in the NY Times best-selling book, *Shadow Divers*, by Robert Kurson. Richie Kohler has reached an international audience, having hosted fifty-six episodes of "Deep Sea Detectives"

and numerous other documentary films on networks such as National Geographic, Discovery, Animal Planet, BBC, Smithsonian and NOVA/PBS. These programs have detailed his exploits and discoveries on some of the most famous shipwrecks in the world, including the Andrea Doria, RMS Titanic, and the HMHS Britannic. Working alongside some of the most talented film makers and screen writers of our time, Kohler has consulted with major film studios such as Twentieth Century Fox, Paramount and Universal Studios on major motion picture projects and scripts, helping to promote recreational scuba diving and the world of underwater exploration.

## "Inside Britannic"

In 2021 Richie Kohler and his team were granted unprecedented access

by the Greek Ephorate to explore and document deep inside Titanic's Sister ship, the HMHS Britannic. Penetrating into areas undisturbed for 107 years, Kohler's presentation brings you where only a handful of people have ever been; 400 feet down and inside the largest intact passenger liner in the world!



**Michel Labrecque  
Julie Ouimet**  
Michel and Julie are seasoned divers who have traveled the world. They are technical trimix divers, rebreather divers, accomplished

dive training professionals, explorers, expedition leaders, dive charter operators and the owners of a dive operation located on the remote island of Anticosti, Qc. They are both Fellows of the Explorers Club and Associate Members of the Boston Sea Rovers. In 2016, Michel was named a PADI Ambassador. Julie is a member of the Women Divers Hall of Fame.

## INDONESIA FOR DUMMIES

The WHAT, WHERE, WHEN AND HOW of diving in Indonesia. Diving is spectacular and there is something for everyone. There is so much to discover in places such as Raja, Komodo and Lembeh, but there can be some timing involved. Learn where to go, when, what to expect and why Indonesia is one of our favorite dive destinations.



**Maureen & Steve Langevin**  
are instructors, USCG licensed Captains and own Dive Voyager Expeditions, a company specializing in scuba instruction and documentaries. Christopher Drew, also a PADI OWSI Instructor is a key member of the team. Together they educate divers, non-divers and young people about maritime

history and our amazing undersea world

## NJ Wreck Diving – a tour of our favorite wrecks

NJ Wreck Diving is an adventure and our favorite!. Some wrecks just offshore in 60 feet, hold an ecosystem of mussels, fish and other unexpected visitors, and sometimes artifacts. Further and deeper wrecks can offer the best visibility and diving.

## Egypt - The Red Sea

Egypt is a mystical experience above and below. The endless desert, pyramids, and rare Egyptian tombs are just some of the amazing sights surrounding the Red Sea. Below the surface the healthy coral marine ecosystem is also an amazing sight.



**Dan Lieb**  
Dan Lieb has participated in dozens of underwater archaeological investigations. He has given dozens of presentations throughout the region on New Jersey shipwreck history. He has identified 14 shipwrecks and appeared on the History Channel's program *Deep Sea Detectives* featuring two old, sunken locomotives investigated by NJHDA.

## Shipwreck Site Disruption or Destruction

This presentation discusses eight shipwrecks off the coast of New Jersey that have been impacted by mechanized fishing and other practices. While all shipwrecks will eventually collapse, deteriorate or rust away, could these practices be causing the premature demise of a valuable economical, recreational and educational resource?

# Speakers' Abstracts & Bios



## Barry Lipsky

Long Island Divers Association President Barry Lipsky has been diving since 1968. Having been committed to the world of diving for over 5 decades, Barry has always felt that diving should not be for a select few, but for all who have the desire to see the underwater world. Recently, under his guidance as President of LIDA, he has been able to procure and preserve new diving opportunities off the shores of Long Island, New York for all divers into perpetuity.

### Long Island Divers Association – Mission Accomplished:

Beneath the Sea 2020 Diver of the Year Barry Lipsky and officers of the Long Island Divers Association describe the accomplishments they have prevailed on from town beach restrictions lifted for divers-only access, to saving the most precious marine structures on Long Island set to be destroyed, and lastly to working with big government officials in securing and placing a pair of 100-foot tug boats for the creation of artificial reefs.



## Andrew Martinez

has been diving and photographing marine life for over 50 years. His work has been used in many magazines and books and aquaria. His popular app, Marine Life North Atlantic, is a necessary resource for anyone wanting to know the critters from this area. He has led many

diving groups to the Philippines, Indonesia and many islands in the Caribbean

### Diving Cuba, the Caribbean gem

Join Andy to see the natural beauty of Cuba. The national park, Gardens of the Queen has been protected for over 25 years and is rich in marine life. The island and its people make visiting it a delight

### The biodiversity of the Gulf of Maine

Come see why this region is well known for its rich biodiversity. Much of the beauty can be seen diving from the shore. From wolfish to little spiny lumpsuckers this ever-changing region is a treat to explore.



## Dr. Aurel Miha

Dr Mihai is Board Certified in Family Medicine and Undersea and Hyperbaric Medicine. He has completed fellowship training in Undersea and Hyperbaric Medicine at the State University of New York Upstate Medical University. He has completed the NOAA Dive Medicine Physician Training, and works as a Wound and Hyperbaric Physician at the Concord Hospital New Hampshire. Dr Mihai is a recreational diver.



## Richard Morris

Filmmaker, Explorer, Diver and conservationist, Rick Morris has been producing and shooting films, around the world for more than 40 years. The past 20 have been dedicated to Marine Science and the aquatic world. Rick was a 2015 Scuba Diving Magazine Sea Hero and has won numerous awards for his films and photography

### Hero to Heroes: replanting the reefs of the world

Most of the world's coastal communities and the ocean will cease to exist without coral reefs. Join Rick Morris as he dives into the world of Reef Renewal in the Florida Keys and Philippines where recreational and professional divers raise and replant corals on depleted reefs. A new twist, all the underwater footage and stills are captured with a cell phone! Demonstrating that everyone can document the sea.



## Dan Orr

Dan Orr, President of Dan Orr Consulting and retired President of Divers Alert Network. Dan speaks at international diver conferences and conducts webinars on a variety of diving safety subjects. He has published more than a dozen books and manuals including 101 Tips for Recreational Divers and Scuba Diving Safety.

### SAFETY CONSIDERATIONS FOR THE OLDER DIVER

This seminar is a review of the normal aging process and how the normal aging process may affect diver safety. This includes a discussion of what every diver should know about recognizing and reducing risks associated with aging to improve safety and maximize enjoyment for divers of any age.

### MISTAKES DIVERS MAKE

Scuba diving is inherently safe but is very unforgiving of mistakes. The available diving accident data identifies the majority of triggering events are caused by human error. Discussing mistakes that divers make provides important knowledge that helps reduce the likelihood that an incorrect choice will lead towards truly unwanted circumstances.



## Captain Bill Palmer

Captain Bill Palmer is a sport diving pioneer, avid shipwreck diver, videographer and historical enthusiast with more than 45 years of diving experience. He runs his charter boat, the Thunderfish, along the east coast. He has produced many wreck diving documentaries, some of his work has appeared on television. He has also authored two books. One on the U853 and the other on paddle-wheel steamships.

### Last Battle - The Sinking Of The U-853

U-853 was the last German U-boat sunk in US waters during WW II. Many unanswered questions surround this particular sinking. Come and explore the U-853 with Capt. Palmer. You may be able to unlock some of these historic mysteries.



## Renata Rojas

Renata Rojas is a Technical Diver who started diving at age 12. Renata's world-wide diving experience includes cave diving, wreck diving, ice diving, and rebreather. Renata is a member of the Explorer's Club in NY, a Fellow of the Royal Canadian Geographical Society and local dive clubs Big Apple Divers and the Long Island Divers Association. She has been involved in a number of expeditions which include three to the Arctic with Sea Women Expeditions team, the Centennial submersible dives to the wreck of the Britannic, an expedition to document the historical wrecks of Newfoundland, submersible dives to the Andrea Doria, Hudson Canyon and the wreck of the Titanic. She spends most weekends diving the shipwrecks off the coast New Jersey from the dive boat Gypsy Blood.



# Speakers' Abstracts & Bios



## Mission to Titanic

Renata has been set on a quest to visit the wreck of the Titanic to fulfill a childhood dream. In 2020 a new private submersible company emerged that allowed Citizens Scientists to take part and participate as a member of the crew in ongoing yearly expeditions to the famous shipwreck which lies 4,000 meters down in the bottom of the North Atlantic. Renata was a Mission Specialist in Expeditions Titanic in 2020 and 2022 and took her first dive on July 19, 2022. This is the recollection of the experience.



### Carol Rose

USOA is the official sanctioning body for underwater sports in the US – it is a Charter Member of CMAS and an affiliated member of USOPC. Play and competition is conducted in 4 sports: underwater hockey, underwater rugby, fin swimming and skin diving spearfishing. There is weekly play through out the US with annual

local, regional and national tournaments and championships.

## Keep Divers Diving

There is almost no place in US where diving is year 'round – especially not a on Wednesday night in a local pool - where diving skills can be learned, practiced and improved while having a lots of fun with wonderful friends. Try underwater hockey or underwater rugby, fin swimming. Hockey and rugby are team sports – hockey is the penultimate team sport. Rookies are welcomed and encouraged by all clubs – more the merrier. Skin-diving, spear-fishing brings home dinner. All are based, as is diving, on mask, fins and snorkel. Underwater sports can be played for fun, exercise and camaraderie or for medals - there are local, regional, national and world championships. And the games keep divers diving no matter the season and often biweekly!

### Michael Rothschild



Michael is Chief of Pediatric Otolaryngology at Mt. Sinai Hospital, past president of the American Bronchoesophological Association, a board member of several other national medical organizations, a ScubaBoard medical moderator, a NYC area technical and CCR diver, past-president of the NYC Sea Gypsies, and a published author and underwater photographer. Underwater Photography

## Ear, nose and throat problems in diving

Many divers have ear or sinus issues, and it can be difficult to determine the source of these symptoms. There is often confusion about the anatomy and physiology of conditions like barotrauma, swimmer's ear, sinus squeeze, perilymph fistulas and inner ear DCS. This seminar will cover these troubling problems.

## Underwater photography in technical diving and other challenging conditions

Diving in cold, low visibility water requires special gear and techniques, especially when doing staged decompression. Photography in these conditions is particularly challenging. But these dive sites are often home to spectacular marine ecosystems and/or historic shipwrecks, providing endless opportunities for the well prepared photographer.



### Michael Salvarezza and Christopher Weaver

Michael Salvarezza and Christopher Weaver have been diving the waters of the world since 1978. They have presented their work numerous times at Beneath the Sea, and

all of the major dive conferences, and have published more than 200 articles in numerous magazines, including National Geographic Adventure. 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. 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. Tubbataha is, in many ways, a surviving example of what healthy coral reefs should look like in the world's oceans.

## North Carolina: Shipwrecks, Sanctuaries and Sharks...Oh My!

The waters off the fabled Outer Banks of North Carolina are often referred to as "The Graveyard of the Atlantic". Lying in these waters are pirate ships, sunken World War II military vessels, historic Civil War era battleships and modern-day ships of all types. Much of the history of the United States of America can be told by exploring the shipwrecks that lie near these dangerous shoals. Along the way, they will encounter the large schools of Sand Tiger Sharks that have taken up residence here

### Camilo Saraiva, MD, MBA



Camilo Saraiva, MD, MBA, is the Director of Medical Services at DAN. Board Certified in Radiation Oncology and Hyperbaric Medicine; Former director of the Brazilian Hyperbaric Medical Society; Current member of the Undersea and Hyperbaric Medical Society and the American College of Healthcare Executives. Former cave diver and PADI Divemaster since 2000.

### Dora Sierra



Dora Sierra owns and operates Mexico Live-aboards, including Rocio del Mar and Quino el Guardian. In addition to allowing tens of thousands to have epic underwater experiences, she helped create citizen science programs and Heroes del Mar; both designed to help conserve the ocean she loves.

## Dive the Sea of Cortez - An International Destination with a Domestic Flight

Did you know that you can fly to Phoenix, Arizona, and within four short hours, be boarding a boat to one of the most remote places on earth? Called the world's aquarium by legendary diver Jacques Cousteau, the Sea of Cortez offers untouched walls and reefs abounding in sea life.

## Heroes del Mar: How to Save the Ocean by Putting its Future into the Hands of a Child

To make conservation work, you must make it beneficial to the local communities. Heroes del Mar takes children from Baja's local fishing villages and gives them first-hand experience of what they can do to make a difference. And it works!

### Connie Sonnabend



She has educated Divers for the past 40 years on the importance of wearing a wetsuit and what they should know when purchasing one. She has designed wetsuits for the U.S. military and custom made suits for thousands of recreational divers around the world.

## The Ins and Outs of Wet Suits

# Speakers' Abstracts & Bios



Everything you ever wanted to know about the “why” of wet suits and the “how” of having the proper neoprene for warmth, flexibility, it involves thickness and water temperature how to get the most warmth, and what happens to neoprene at depth.

## Jim & Pat Stayer



The Stayers, 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 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. Pat is in the Women Divers Hall of Fame and Jim is a USCG Captain. Together they have led an amazing life of adventure..

## Socorro Islands: Scientific Studies and Sensational Diving

The Stayers join a scientific expedition to Socorro Archipelago searching for new species of fish and collecting samples for DNA testing. The experience was amazing as is the diving. Several species of sharks including hammerheads, Galapagos, tigers, and even whale sharks gather around these islands. Giant oceanic mantas seek out divers for incredible close encounters.

## Underwater WWII Planes of Kavieng, PNG

During WWII the Papua New Guinea campaign was characterized by fierce air battles with heavy losses on both sides. Many aircraft were shot down; others suffered mechanical failures or got lost, unlocking each one's special stories while sharing a divers insight into these tragedies. The program features dives on 6 WWII plane wrecks; a Japanese Zero, two Petes, and a Kate, along with an Australian Catalina. The program highlights two American B-25s with their incredible tales; one in the jungle and one in crocodile infested water

## Christine Tamburri



Christine is the Risk Mitigation Coordinator at Divers Alert Network where she works with the Safety Services team to develop e-learning courses, assist first aid instructors worldwide, and design risk assessment tools for dive operators and professionals. She began her career at DAN as an intern and was hired into her current role in 2021. Christine is passionate about cave and technical diving, and she spends most of her free time diving.

## Frauke Tillmans, Ph.D.



Frauke Tillmans PhD is the Research Director at Divers Alert Network (DAN). She has a degree in Human Biology and a PhD specializing in oxidative stress which is involved in acute diving injuries and may affect long term health of divers. Throughout her career she has participated in global collaborative projects covering decompression stress, inert gas narcosis, and oxygen toxicity. Before coming to DAN in 2019, Frauke conducted her research in the

Experimental Medicine Section of the German Naval Medical Institute. Tillmans' commitment to safety is apparent in almost every activity she pursues and when she is not diving or supervising researchers, Frauke is an active volunteer fire fighter who enjoys endurance and self-defense training.

## Peter Venoutsos



Peter Venoutsos has been a certified diver since 1976 and a commercial diver since 1983. His experience includes working with private underwater engineering firms, the Federal Government and the US Navy. His interests include underwater photography, shipwrecks & cave diving, with the goal of promoting

diving in around the world.

## Divng with Seals

Its no secret that I love diving with seals. Follow me as I search for these lovable and curious creatures From New England to the Pacific Northwest. With a special visit to a tiny Island in Northern Canada's frozen waters for one of the most life changing seal experiences.

## Chasing Sharks

Shark diving has grown exponentially. We will travel from the Caribbean to the South Pacific. with a few places in-between in search of these magnificent creatures.

## Andrea Zaferes



With 35 years teaching thousands of sport and public safety divers worldwide, Andrea is a NAUI/ACUC Course Director, noted author and public speaker who developed with Walt “Butch” Hendrick ground breaking programs including Oxygen Administration, Field Neurological Evaluation, Leadership Rescue. She received the DAN Rolex and Beneath

the Sea Awards.

## “Anatomy of a double fatality that never should have happened –lessons learned.”

Two divers die during their second dive after certification while under the care of their instructor. A cascading series of problems beginning in their scuba diver class caused the deaths. Lessons learned can help prevent future deaths. Let their deaths not be in utter vain.

## Underwater Forensics for diving cases – what you can do to help investigations.

Effective dive incident investigations help prevent future incidents, can improve training and procedures, and facilitate just legal proceedings. Learn what information to document and evidence to preserve. Dive leaders/businesses will learn ways to decrease liability and all divers will better be able to recognize early signs of potential impending problems.

## Andrea & Butch –

### Proactive dive planning for new divers through course directors. - WORKSHOP

Fantastic dives require strong, safe, plans engendering realistic confidence. Planning involves more than gas, depth, time variables. Consider loss of buddy/group or boat; entanglement management, visibility loss, current, equipment issues, or becoming out-of-breath. Practiced plans allow you to depend on yourself, not just on dive leaders or buddies. To have a fantastic dives you need strong, safe, practiced plans that engender realistic confidence. With the advent of dive computers, dive planning is being lost. Computers don't plan dives; they monitor them. Practiced plans allow you to depend on yourself, This workshop will teach you how to ask “what can go wrong?” Instructors need to learn how to teach this so that their students will become avid, confident, strong, independent divers. Includes handouts.



# Speakers' Abstracts & Bios

## Dress for Success for all levels of divers and leaders. – WORKSHOP

Weightlessness and fully-controlled u/w movement requires you and your gear to be one. Your gear must be appropriate, trim and balanced for your body and activities. Bring your gear or all-angle photos of you in gear. Learn an equipment check that strengthens self-rescue skills and problem prevention. Checklist card included.

Nicole Zelek



Nicole Zelek utilizes her unique background in Media, Culture, & Communication to deconstruct the dive industry. As Founder of innovative dive school SuperDive NYC and nonprofit organization DIVERS-ity Initiative, Nicole invites others to reimagine traditional practices in dive industry to make way for sustainability and equity.

### Diversify Diving

Decolonization is a process by which divers of all levels can reflect on dive tourism, embracing responsibility for creating more equitable systems that restore the connection between indigenous people and their lands

### A Story of Beach 8th Street

Beach 8th Street is more than just NYC's beloved classic dive site. Here's how 100ft of shore access brought a community to life - beyond what anyone could have imagined.

# History of Diving Museum

82990 Overseas Hwy, Florida Keys • MM 83

305-664-9737 | Open Daily 10am-5pm

[www.DivingMuseum.org](http://www.DivingMuseum.org)



**Don't drive by, dive In!**  
Plan a visit on your next trip to the Keys!  
Travel through 4,000 years of  
"the quest to explore under the sea"

**Join us for Immerse Yourself!**  
Free Monthly Seminar  
3rd Wed. of every month @ 7pm

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## Remove the water

with the help of a JW Fishers Side Scan Sonar



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- Displays images on tablet
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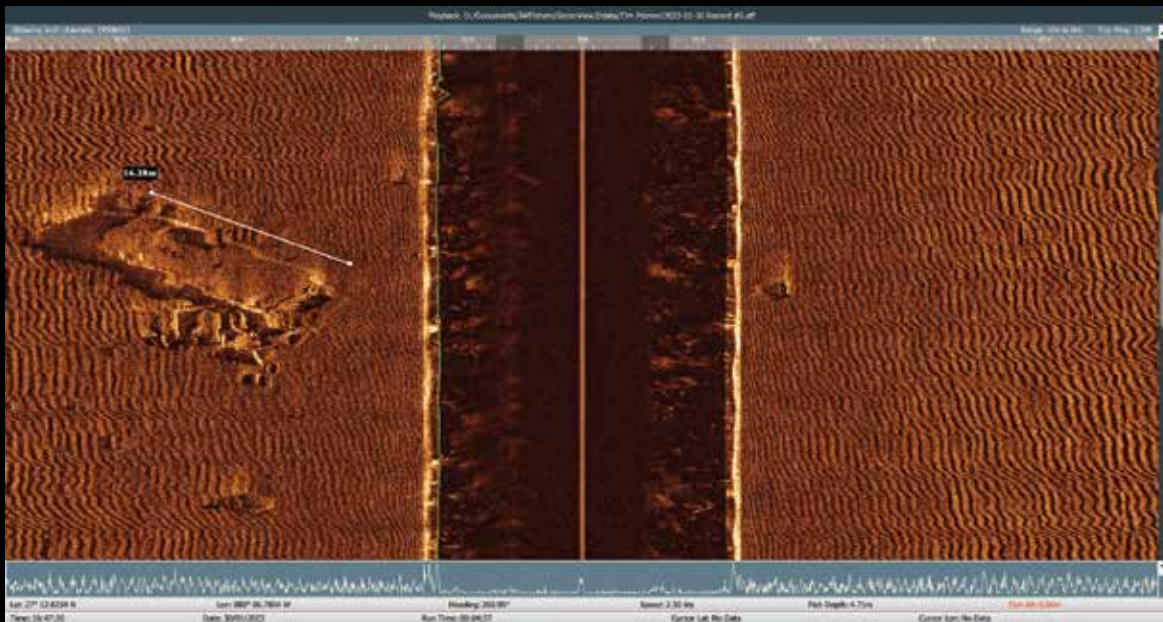
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\* A broken shipwreck and scattered pieces ~17m long on water floor

