

Beneath the Sea Public Safety Diver Conference
Friday March 27, 2020, Meadowlands Expo Center
Sign-in 8:30 a.m. to 8:45 a.m., Lectures begin at 9:00 a.m.
Fee: \$90 Lunch will be included

It is impossible to eliminate risk for public safety dive teams. It does not matter how you look at it, how you hold it up and examine it, it is a dangerous, and a risky job. However, new technology and new information can help you minimize your risk, help keep you and your team work safer. This daylong program covers some of the most timely topics in public safety diving. Each one designed to help you be safer in the water

Turning Training Into Responding Presenter: Tim Andro

This presentation is intended to explain the importance of training but most importantly “Are you training like you operate?” He will discuss the importance of progressive training in your local environments and accepting the fact that your team is only as strong as its weakest member.

Tim started in Public Safety as a Firefighter in 1999 and began Northeast diving in 2005. In 2008 he became a D/M and Technical shipwreck diver and in 2011 a Public Safety Diver. Since 2015 he is an ERDI instructor and Mahwah Rescue Dive Coordinator, the North Jersey Regional Scuba Taskforce Vice President 2017 thru 2018 and currently the President.

Public Safety Ice Diving Operations Presenter: Butch Hendrick:

Unlike sport ice diving, PSD ice operations involve unsupportive ice, and often, long distances from shore, bad weather, zero-visibility, evening hours, rescue modes... Learn how to keep your team safe while rapidly finding the submerged victim(s)

Butch Hendrick has trained thousands of divers and water rescuers for more than 50 years in more than 15 countries in aspects from instructor training, public safety diving, rescue, and underwater movement and is a major innovator, equipment designer, standard-setter, and contributor to the dive and water rescue/recovery communities. Considered by many to be the father of diving rescue, Butch has devoted his life to raising standards and keeping divers/water rescue personnel safe. He is Beneath the Sea’s Legend of the Sea for 2020.

Dive Rescue vs Recovery (Keeping your Team Safe Before, During and After a Dive Emergency Call) Presenter: Michael A Cassetta, DO, FACR

Utilizing various NUSAR calls as a point of discussion, Dr. Cassetta will review training

techniques and standards utilized by NUSAR to prepare its dive team in the event of an emergency. He will discuss the initial response to a call, distinguishing between a rescue and recovery, safety techniques utilized during an active call, and follow-up post call to evaluate for any equipment or health issues including posttraumatic stress.

Dr. Mike currently serves as Assistant Chief for Newtown Underwater Search and Rescue (NUSAR) based in Sandy Hook, Connecticut. He is a PADI certified Dive Master since 1994 and an active DAN first-aid/CPR and O2 instructor. Dr. Mike has more than 2000 dives. He also volunteers at the Maritime Aquarium in Norwalk, Connecticut as one of the leaders for the dive program. Currently practicing in Trumbull, Connecticut, he serves as Division Chief of Rheumatology at St. Vincent's Medical Center in Bridgeport, Connecticut

Medical Fitness to Dive for a Public Safety Diver Presenter: David Charash, DO, FACEP

Dr Charash will give an overview of the various concepts relating to Medical Fitness and Diving for the Public Safety Diver. He will cover such topics as risk assessment, risk mitigation, general guidelines in medical assessment, and fitness to dive. Common medical concerns will be addressed including: Obesity, Hypertension, and Diabetes. Return to diving after diving accident or medical illness will be reviewed

David Charash DO,CWS,FACEP,FUHM is Board certified in Emergency Medicine and Undersea and Hyperbaric Medicine, He is the founder of Dive Medicine and Hyperbaric Consultants, and Medical Director of Hyperbaric Medicine in Northern Virginia where he has a medical practice specializing in Dive Medicine. He is a DAN Instructor, DAN Referral Physician, and is a Certified Diving Medical Fitness Examiner, as well as NOAA/UHMS Dive Medicine Physician. He consults with Public Safety Dive teams, Commercial, Scientific and Military Dive teams. He lectures locally and nationally on topics related to Dive Medicine, Dive Safety, and Dive Technology.

The Need for Dive Medical Specialists Presenter: Chantelle Taylor-Newman

As Public Safety Dive teams continue to expand their roles, there is often a component that gets sidelined. Your team likely has a trained prehospital medical provider embedded and if you don't, get one today, but is your prehospital provider trained, equipped and prepared to handle the unique environments in which Public Safety Dive teams operate?

With over 20 years experience in teaching and 35 years of diving, Chantelle is an international advocate for safer diving practices and higher standards in Diver Training. She was inducted into WDHOF in 2016 and is a member of the Explorers Club. Her passion is Diving and Remote Medicine, Human Factors and Education.

How to Document Searched Areas Presenter: Andrea Zaferas

A key aspect of effective search operations is accurate documentation of what search areas are secured and which aren't. Land searchers have accepted and effective procedures for this documentation. The same is not true for aquatic scenes. Learn what to document on dive scenes to optimize search effectiveness and diver safety.

With over 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 the Beneath the Sea Diver of the Year Award for Education.