



DEMA 2021

Seminars and Schedule

BOOTH #947



Friends,

For 44 years the DEMA Show has been a cornerstone annual event for the dive industry. After a challenging 2020 and 2021, we are excited to be back with our members and fellow industry professionals once again to connect over our shared love of diving.

Throughout the past couple of years the people of this industry demonstrated exceptional dedication, perseverance, and adaptability. For our part, we've continued to develop new safety, training, and educational content to keep you, your dive business, and your customers safe and informed.

Now reunited, we are eager to collectively look ahead to a great year for the dive industry.

Enjoy these engaging seminars, and have a great week.



Bill Ziefle
Bill Ziefle

President & CEO
Divers Alert Network



DIVERS CHOOSE DAN

TUESDAY, NOVEMBER 16

	TIME	ROOM
Recompression Chambers: What They Are and How They're Used	8am-9am	S229
Bubble Update: Advances in Monitoring Venous Gas Bubbles After Dives	9am-10am	S229
DAN Medical Emergency Calls	10am-11am	S229
Emergency Planning: Creating Emergency Action Plans for Your Dive Operation	11am-12pm	S229
Hyperbaric Oxygen Therapy for Sea Turtles	1pm-2pm	S229
DAN Examiner Update	2pm-3pm	S229
DAN Training Programs	3pm-4pm	S229
DAN Instructor Update	4pm-5pm	S229

WEDNESDAY, NOVEMBER 17

	TIME	ROOM
40 Years of the DAN Emergency Hotline	8am-9am	S229
DAN Medical Information Calls and Emails	9am-10am	S229
Diving Incident and Fatality Reporting at DAN	10am-11am	S229
Recompression Chambers: What They Are and How They're Used	11am-12pm	S229
Out of the Blue	1pm-2pm	S229
DAN Instructor Update	2pm-3pm	S229
DAN Training Programs	3pm-4pm	S229

THURSDAY, NOVEMBER 18

	TIME	ROOM
Confounding Cases: Where Medicine and Engineering Come Together	8am-9am	S229
DAN Instructor Upgrade, Instructor Qualification Course, and Instructor Trainer Workshop (Day 1)	8am-5pm	S230
Bubble Update: Advances in Monitoring Venous Gas Bubbles After Dives	9am-10am	S229
DAN Medical Emergency Calls	10am-11am	S229
40 Years of the DAN Emergency Hotline	11am-12pm	S229
Out of the Blue	1pm-2pm	S229
DAN World Member Forum (en Español)	2pm-3pm	S229

FRIDAY, NOVEMBER 19

	TIME	ROOM
Emergency Planning: Creating Emergency Action Plans for Your Dive Operation	8am-9am	S229
DAN Instructor Qualification Course and Instructor Trainer Workshop (Day 2)	8am-5pm	S230
DAN Medical Information Calls and Emails	9am-10am	S229
Diving Incident and Fatality Reporting at DAN	10am-11am	S229
Hyperbaric Oxygen Therapy for Sea Turtles	11am-12pm	S229
Confounding Cases: Where Medicine and Engineering Come Together	1pm-2pm	S229



TUESDAY, NOVEMBER 16

Recompression Chambers: What They Are and How They're Used

Matias Nochetto, M.D., & Francois Burman, Pr.Eng., M.Sc
NOV 16 ▶ 8AM

We probably all know the nearest recompression chamber facility to our dive operation, but we may not be exactly sure what the chamber looks like or how it's used. This is especially likely given the diversity of health care systems around the world. Chambers can be simple or very complex, but an injured diver can be effectively treated in nearly any type. Only a few basic systems are needed; the staff is more important than the equipment. This two-part presentation will cover both the chamber itself and the approach taken by the medical team.

Bubble Update: Advances in Monitoring Venous Gas Bubbles After Dives

Frauke Tillmans, Ph.D.
NOV 16 ▶ 9AM

Studies using doppler and ultrasound technology to quantify gas bubbles in divers' bloodstreams have been conducted for decades. While advances have been made, many questions are still unanswered: Why are some people more likely to bubble than others? How common are postdive bubbles in recreational divers? How accurate are bubble measurements and analyses with today's technology? This talk will cover recent advances in bubble science, why it's important, and what we hope to achieve by studying bubbles.

DAN Medical Emergency Calls

Camilo Saraiva, M.D., MBA
NOV 16 ▶ 10AM

This session will be an interactive discussion of the operational and medical aspects of recently reported dive accidents. In it we will review DAN's role and capabilities in managing emergencies with the goal of increasing your and your divers' safety and enhancing your understanding of DAN's services.

Emergency Planning: Creating Emergency Action Plans for Your Dive Operation

Francois Burman, Pr.Eng., M.Sc
NOV 16 ▶ 11AM

Accidents are an unfortunate reality in our industry, and the outcomes can be disastrous. Even when an accident is contained, the exposure to liability may loom large. Being prepared means knowing how to recognize potential emergencies, planning for them, and having the staff and equipment you need to manage them. Drafting your own realistic and achievable emergency action plans is key to all of this. In this talk we'll cover how to compile emergency plans using a simple but effective tool DAN has created.

Hyperbaric Oxygen Therapy for Sea Turtles

James Holm, M.D.
NOV 16 ▶ 1PM

Hyperbaric chambers have been used for decades to deliver lifesaving therapies for a variety of diseases and conditions, both in humans and animals. Join us to learn about Tucker, a sea turtle that required hyperbaric oxygen in a most unusual setting for a turtle.

DAN Examiner Update (for active DAN Examiners)

Jim Gunderson
NOV 16 ▶ 2PM

This presentation will cover the role of DAN Examiners in the launch of Version 3.0 of DAN's first aid courses. Other pertinent information about DAN first aid training will be covered as well. *This presentation is for current DAN Examiners only.*

DAN Training Programs

Jim Gunderson
NOV 16 ▶ 3PM

This session is open to all dive professionals and dive shop staff. We will cover DAN first aid programs, the release of Version 3.0, how to become a DAN Instructor, and the practicality and profitability of teaching DAN courses. We'll include information about the bridging program from other agencies' courses to DAN's.

DAN Instructor Update (for DAN Instructors & Instructor Trainers)

Jim Gunderson
NOV 16 ▶ 4PM

This presentation will provide details about the rollout and implementation of Version 3.0 of DAN's first aid courses and include other pertinent information about DAN first aid training. *This session is open to all DAN Instructors and Instructor Trainers, whether active or inactive.*



Scan this QR code to view the digital version of DAN's 2021 DEMA seminar schedule.

NOTE: ALL ONE-HOUR SEMINARS HELD IN ROOM S229





WEDNESDAY, NOVEMBER 17

40 Years of the DAN Emergency Hotline

Matias Nochetto, M.D.
NOV 17 ► 8AM

This is how DAN started — it's what we're best known for. Join us to learn about our journey, your calls, your emergencies, where we've been, and where we are heading. Ultimately it's all about DAN being there for you.

DAN Medical Information Calls and Emails

Camilo Saraiva, M.D., MBA
NOV 17 ► 9AM

This session will be an interactive discussion of DAN medical information calls and emails. We will review the most frequently asked questions as well as some unusual ones. The purpose of this session is to demystify calling DAN and encourage dive professionals and their students to reach out to us when they need us.

Diving Incident and Fatality Reporting at DAN

Frauke Tillmans, Ph.D.
NOV 17 ► 10AM

Among DAN's injury monitoring initiatives are surveillance of fatal diving injuries and the Diving Incident Reporting System (DIRS). The two have different objectives, but both are designed to increase awareness of common safety concerns in diving and provide learning opportunities for the diving community. This talk will introduce DIRS and fatality surveillance and reveal how they started, their current status, where they are headed, and how you can help.

Recompression Chambers: What They Are and How They're Used

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Out of the Blue

Richie Kohler
NOV 17 ► 1PM

This talk will focus on Richie Kohler's experiences on technical diving expeditions and the knowledge he gained from them. He'll discuss his approaches to risk assessment, risk mitigation, and safety and share what he learned for the benefit of recreational dive professionals.

DAN Instructor Update (for DAN Instructors & Instructor Trainers)

Jim Gunderson
NOV 17 ► 2PM

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THURSDAY, NOVEMBER 18

DAN Instructor Upgrade, Instructor Qualification Course (IQC), and Instructor Trainer Workshop (ITW)

Jim Gunderson
RM S230 ► NOV 18 8AM to 5PM

This DAN IQC/ITW is open to anyone who meets the requirements to become a DAN Instructor or Instructor Trainer. This two-day course is available to dive professionals who wish to become DAN full-suite Instructors (Version 3.0) and DAN Instructors who meet the prerequisites and wish to become DAN Instructor Trainers. The first day of this workshop is also for any current DAN Instructors who wish to expand their teaching credentials.

Pre-registration is required, and there is a cost for this workshop. Email Oxygen@DAN.org to register.

FRIDAY, NOVEMBER 19

Instructor Qualification Course (IQC) and Instructor Trainer Workshop (ITW)

Jim Gunderson
RM S230 ► NOV 19 8AM to 5PM

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Confounding Cases: Where Medicine and Engineering Come Together

Matias Nochetto, M.D., & Francois Burman, Pr.Eng., M.Sc.
NOV 18 ▶ 8AM

Not all causes of accidents are clear-cut. Critical thinking is often needed to identify the likely causes of an injury before determining the best course of action to reach a diagnosis. Join us in this interactive discussion, and bring along your own expertise.

Bubble Update: Advances in Monitoring Venous Gas Bubbles After Dives

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DAN World Member Forum (en Español)

Virginia Albertengo, Laura Johnson, & Matias Nochetto, M.D.
NOV 18 ▶ 2PM

El equipo de DAN World Latinoamérica/Caribe presentará los nuevos programas y recursos en español para buceadores y empresas de buceo. Hablaremos sobre los recursos médicos de DAN y presentaremos la nueva Línea de Emergencias de DAN en Español. También discutiremos la campaña Volver a Bucear con Seguridad, los cursos actualizados de primeros auxilios en la plataforma e-learning de DAN y otros recursos de seguridad disponibles para operadores de buceo. Finalmente, daremos a conocer los nuevos programas de cobertura de accidentes de buceo disponibles para su staff, sus estudiantes y sus clientes. Sea el primero en conocer y aprovechar estos programas en su idioma.

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