



*Undersea and Hyperbaric Medical Society*

# Annual Scientific Meeting

## June 27-29, 2019

Pre-courses: June 26

*"Raising the Quality of Practice One Member at a Time"*



**WYNDHAM GRAND**

Rio Mar Beach Resort & Spa

*Puerto Rico*



## CONTINUING EDUCATION

**Accreditation Statement:** The Undersea and Hyperbaric Medical Society is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

**Designation Statements:** The Undersea and Hyperbaric Medical Society designates this live activity for a maximum of **21 AMA PRA Category 1 Credit(s)**<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**Nursing CEU** is approved by the Florida Board of Registered Nursing Provider #50-10881. ASM Credit hours **21**. Licenses Types Approved:

- Advanced Registered Nurse Practitioner
- Clinical Nurse Specialist
- Licensed Practical Nurse
- Registered Nurse
- Certified Nursing Assistant
- Respiratory Care Practitioner Critical Care
- Respiratory Care Practitioner Non-Critical Care
- Registered Respiratory Therapist
- Certified Respiratory Therapist

**NBDHMT:** This live activity is approved for **21** Category A credit hours by National Board of Diving and Hyperbaric Medical Technology, 9 Medical Park, Suite 330, Columbia, South Carolina 29203.

**Full Disclosure Statement:** All faculty members and planners participating in continuing medical education activities sponsored by Undersea and Hyperbaric Medical Society are expected to disclose to the participants any relevant financial relationships with commercial interests. Full disclosure of faculty and planner relevant financial relationships will be made at the activity.

**Disclaimer:** The information provided at this CME activity is for Continuing Medical Education purposes only. The lecture content, statements or opinions expressed however, do not necessarily represent those of the Undersea and Hyperbaric Medical Society

### MAINTENANCE OF CERTIFICATION

**(MOC):** "MOC ABPM: This activity has been approved by the American Board of Preventive Medicine for up to **21** MOC credits. Claiming ABPM MOC credit is appropriate for those who are ABPM diplomates."

## Education is key...

The UHMS Annual Scientific Meeting's primary goal is to provide a forum for professional scientific growth and development of the participants to improve knowledge and competence in order to further patient outcome. The meeting provides a basis for exchange of ideas, both scientific and practical, among physicians, researchers, and other health care professionals.

## Destination is key...

**Ideally Located, Totally Unforgettable:** Experience the magic of this extraordinary island from the Wyndham Grand Rio Mar Puerto Rico Golf & Beach Resort beachfront location in northeast Puerto Rico. Just steps from a private beach along the majestic Atlantic Ocean, they are the closest resort in Puerto Rico to El Yunque Rainforest. Venture just off the coast to explore the mesmerizing beauty of Bioluminescent Bay, or hop in the car for a quick ride to the historic attractions and shopping of Old San Juan and Ponce.

**As a result of having attended the meeting, the participants should have had the opportunity to:**

- Meet and interact with other scientists and medical practitioners: specifically, participants should have had the opportunity to renew old acquaintances and establish new contacts with basic and applied scientists and medical practitioners in hyperbaric and diving medicine as well as in the fields ancillary to hyperbaric medicine: nursing, allied health sciences, engineering, and administration;
- attend oral or poster presentations in which ideas and data are presented pertaining to currently accepted uses of hyperbaric oxygen and diving medicine and, where applicable, incorporate these ideas into their practice;
- gain a more in-depth knowledge and appreciation of scientific issues involved in critiquing decompression schedules and/or in developing safer decompression schedules;
- gain a more in-depth knowledge of current issues pertaining to the physiology and pathophysiology of compression and decompression phenomena and, where applicable, be able to apply this information in their practice;
- gain a more in-depth knowledge of the physiologic, pharmacologic, pathologic, and biochemical effects of oxygen, nitrogen, carbon dioxide, the noble gases, especially in the hyperbaric environment, on different levels of biological organization and, where applicable, be able to incorporate this information into their practice;
- gain a more in-depth knowledge of the current status of treating toxic and anoxic disorders, especially carbon monoxide poisoning, with hyperbaric oxygen and, where applicable, be able to incorporate this knowledge into their practice;
- gain new knowledge about the future scientific and medical directions of hyperbaric medicine and, where applicable, be able to incorporate the appropriate information into their practice to further improve patient outcomes;
- present material pertaining to their experiences within the diverse field of high-pressure biology and to receive critical reviews of their work;
- be introduced to new diagnostic, research, or therapeutic techniques and equipment pertaining to hyperbaric medicine and be able to incorporate the relevant knowledge and procedures into their practice;
- meet some of the past leaders of the Society and to discuss with them matters of scientific or clinical interest or matters of policy pertaining to the field or the Society;
- learn of the varied activities of the Society and the past and future directions of the Society;
- become active in Societal affairs so they could influence the Society's future.

## FEATURED KEYNOTES

### ERIC P. KINDWALL MEMORIAL LECTURE

THURSDAY, JUNE 27 1:00 pm - 2:00 pm

GUEST SPEAKER: Robert Marx, DDS

LECTURE TITLE: HBO<sub>2</sub> in Chronic Radiation Injured Tissue and Osteoradionecrosis in Today's Radiation Schemes: Needed Now Even More

Today's radiotherapy schemes particularly Intensity Modulated Radiation Therapy (IMRT) are often used as primary therapy for head and neck cancers together with chemotherapy has produced a higher incidence of radiation induced complications. The wider fields, higher doses, and radio sensitizing chemotherapy has caused a more severe and wider spread of Osteoradionecrosis (ORN), now even including the previously rare ORN of the maxilla as well as permanent mucositis, skin necrosis, dysphagia, and even some facial nerve palsies.

The role of HBO<sub>2</sub> remains the same adjunct to surgical debridements but requires the full 30/10 HBO<sub>2</sub> protocol to be conducted at the proven parameters at 2.4 ATA, 90 minutes on 100% O<sub>2</sub> with air breaks and without interruption in the treatment sequence.

After resection or debridement of the necrotic bone, the resultant bony defect can be reconstructed today using tissue engineering in most cases as a single modality or together with a smaller amount of autogenous bone thereby reducing the morbidity of treatment. Additionally, these bone grafting techniques produce a quality of normal viable bone suitable for dental implants which go on to replace teeth lost in the ORN disease process aiding their return to a more normal quality of life.

### CHRISTIAN J. LAMBERTSEN, MD, DSc (Hon) MEMORIAL

FRIDAY, JUNE 29: 1:00 pm - 2:00 pm

GUEST SPEAKER: Simon Mitchell, MBBS, PhD

LECTURE TITLE: Decompression Sickness As An Inflammatory Disease

It has long been considered that decompression sickness (DCS) is a disorder in which bubbles formed from dissolved gas in blood and / or tissue during or after ascent from a compressed gas dive are the primary vectors of injury. The existence of such bubbles and their potential to cause or contribute to at least some of the manifestations of DCS have been proven. However, uncertainties remain. While the risk of developing symptoms of DCS correlates with numbers of venous bubbles detected using Doppler or echocardiography after diving, the correlation is not as strong as one might expect if bubbles were the only contributor to tissue injury. There are various potential explanations for this, including the possibility that a variably expressed secondary process of inflammation may contribute to the clinical picture. We have known for some time that intravascular bubbles, or the damage they may cause to vascular endothelium, appear to activate formed elements of blood and plasma proteins. Thus, bubbles may directly or indirectly activate platelets, leucocytes, the complement and kinin systems, and coagulation. There is some evidence that these activations contribute to development of some manifestations of DCS. More recently there has been intense interest in the role of pro-inflammatory intravascular microparticles (circulating fragments of formed elements of blood) in the pathophysiology of DCS. Microparticles may form during diving and increase after any dive, but perhaps moreso in divers exhibiting DCS symptoms. The relationship between bubble and microparticle formation is uncertain. There is some evidence that microparticles may produce harmful effects relevant to the pathophysiology of DCS, and there has been controversial speculation that microparticles may be a primary cause of some DCS manifestations. This presentation will review the pathophysiology of DCS with a particular focus on the potential role of inflammatory processes. Related unanswered questions and uncertainties will be identified.

## SCHEDULE: Wednesday, June 26

PRE-COURSES: 8am-5pm

### Hyperbaric Oxygen Safety: Clinical and Technical Issues

Hear from the foremost Medical and Technical leaders in Hyperbaric Safety as we discuss past and present safety considerations. This event is suitable for all disciplines, as we blend the experience of Physicians, Nurses, and technical staff to formulate a unique safety course to suit your needs. The purpose of this course is to provide current information related to the clinical and technical safety of clinical hyperbaric oxygen therapy.

### Treatment of Decompression Illness in Recreational Diving

Standard treatment for decompression illness (DCS) and arterial gas embolism (AGE) both dive-related and iatrogenic, is recompression and hyperbaric oxygen administration. Treatment practices around the world have been mostly derived from the experience of various navies and commercial companies. In the United States, the UHMS provides guidelines based on the U.S. Navy practices with minor adjustments for the recreational diving environment. The mainstay of UHMS recommendations for initial treatment is U.S. Navy Treatment Table 6 for serious cases and Treatment Table 5 for mild cases. Both treatment tables apply maximum pressure of 2.8 bars (equivalent to 18 msw or 60 fsw depth). Some medical centers in the United States like Hawaii, NASA and Catalina use greater treatment pressures while others that operate monoplace chambers use less pressure and shorter treatment times. In another part of the world, current practice may differ. In France, treatment tables are derived from the French Navy and COMEX tables, and use nitrox and various pressure levels. COMEX 12 and U.S. Navy Table 9 are examples of short and shallow tables. In Russia, treatment pressure sometimes goes higher than 6 bars. Practitioners in China may follow U.S. practice but they have extensive experience with severe and delayed cases in fish farming. Cairns in Australia has extensive experience in treating cases from the Great Barrier Reef and flying after treatment. A decision to recompress in a case when symptoms resolve before admission may vary. Beyond initial treatment, there are major differences in approach to follow-up treatments, auxiliary treatments and physical rehabilitation of injured divers. Additional differences appear in the recommendation for flying after treatment. The aim of this workshop is to review variants of current clinical practices, to discuss the rationale for such practices and to consider a need for harmonization of practices.

### How to Prepare for Accreditation Pre-course

The purpose of this course is to provide an overview of the UHMS Clinical Hyperbaric Facility Accreditation Program, its structure, survey processes and "insider tips" on preparing to undergo an accreditation survey. Experienced surveyor faculty members will provide a comprehensive overview of the process to streamline preparation.

*"Raising the Quality of Practice One Member at a Time"*



## SCHEDULE: Thursday, June 27

GENERAL SESSION: 8AM-5PM

### CALL FOR ABSTRACTS

On behalf of the Undersea and Hyperbaric Medical Society, the UHMS Program Committee is pleased to announce its call for abstract submission to the 2019 UHMS Annual Scientific Meeting.

Abstracts should be submitted via the UHMS website at [www.uhms.org](http://www.uhms.org). For those unable to access the UHMS website or having difficulty with the online submission format, additional assistance with the submission process can be obtained by contacting the UHMS home office. Authors should ensure that all submission requirements are met, as incomplete submissions may be returned for modification or declined. Acknowledgment of receipt will be provided normally within one week.

#### TERMS AND CONDITIONS:

Abstract acceptance is at the full discretion of the UHMS Annual Scientific Program Committee. **Only non-published works at the time of abstract submission will be considered, however, novel analysis/interpretation of published data are acceptable.** Notification regarding abstract final acceptance will be provided via e-mail no later than April 22, 2019. **The presenting author will be required to register and attend the meeting.**

UHMS is will continue using digital poster presentations in lieu of the traditional cork board and printed posters. All abstracts which have been approved and accepted will be presented in PPT or PDF format and uploaded to the UHMS Poster website. Instructions for upload, FAQ and templates for poster presentations will be emailed to the presenting author upon acceptance. This information can be found at the following link, under the "Call for Abstract" section. <https://www.uhms.org/asm-new>

Also at the discretion of the UHMS ASM Program Committee, presenters may be invited to present their abstract orally in the general meeting, resident/trainee competition (if eligible) or the Associates session (if eligible). Notification regarding selection for oral and poster presentations will be provided no later than Monday, April 22, 2019.

#### ABSTRACT USE PERMISSIONS AND RIGHTS:

All abstracts submissions for presentation at the Annual Scientific Meeting constitutes consent by the author(s) for the UHMS to use the materials submitted in whole or part as it sees fit. All abstracts posters (including required PowerPoint/PDF submissions) and oral presentations (including PowerPoint slides) accepted by the UHMS Program Committee for presentation at the Annual Scientific Meeting will be published in the UHMS' *Undersea and Hyperbaric Medicine* Journal and may be subsequently used and/or published by the Society in various electronic media at the discretion of the UHMS. Once accepted, no abstract, poster or oral presentation may be withdrawn or excluded from being subject to this agreement.

**Deadline for submission: April 1st**

#### PRESIDENT'S ADDRESS: 0800-0830

The President will speak on the activities and accomplishments of 2017, what's new for 2018 and the future of the Society.

#### PLENARY: 0830-1000: Controversies in the Hyperbaric Management of Late Radiation Injuries

- ⇒ **0830-0900: A new appraisal: The fibroatrophic model of LRTI and HBO<sub>2</sub>: John Feldmeier, MD**
- ⇒ **0900-0930: Controversies in hyperbaric oxygen for treatment and prevention of ORN: Robert Marx, DDS**
- ⇒ **0930-1000: Panel discussion**

#### SESSION A: 1030-1130: HBO<sub>2</sub> Theory & Mechanisms

##### Session A: Posters: 1130-1200

Selected abstracts on the related topic will be presented orally during the 1030-1130 session. All submitted abstract on the related topic will be presented in electronic poster format during the 1130-1200 time slot.

#### KINDWALL KEYNOTE: 1300-1400: "Lecture information on page 3.

**Modern surgical techniques and surgical adjuvants and hyperbaric oxygen: All have a role in mandibular ORN: Robert Marx, DDS**

#### SESSION B: Clinical HBO<sub>2</sub>: 1400-1500

##### Session B: Posters: 1530-1600

Selected abstracts on the related topic will be presented orally during the 1030-1130 session. All submitted abstract on the related topic will be presented in electronic poster format during the 1530-1600 time slot.

#### PLENARY: 1600-1700: Physiology and Science in Hyperbaric Medicine

- ⇒ **1600-1630: Stem cells and hyperbaric oxygen therapy: Stephen Thom, MD**
- ⇒ **1630-1700: Research topics that need to be done for our field: John Feldmeier, MD**

EXHIBITOR WINE & CHEESE RECEPTION: 1800-1900

## THINGS TO DO

**Natural Beauty & Tranquility:** The sapphire Atlantic Ocean, verdant golf courses, and lush El Yunque Rainforest border the 500-acre Wyndham Grand Rio Mar Puerto Rico Golf & Beach Resort, ensuring stunning vistas all around. Our laid-back beach hotel & resort in Puerto Rico is comprised of 400 spacious guest rooms and suites, endless activities, an array of delicious restaurants and lively bars, sparkling pools, a secluded sandy beach, and the ideal setting and services for memorable meetings and celebrations.

**Perfect Paradise:** Enjoy all that Wyndham Grand Rio Mar Puerto Rico Golf & Beach Resort has to offer. Renowned golf and tennis are here on site, along with myriad water sports, exciting activities for both kids and adults, a casino featuring a variety of games, and sparkling lagoon-style swimming pools. Looking for a little relaxation? Visit the serene Mandara Spa or unwind on the one-mile stretch of soft golden sand just outside our doors.

**A Breathtaking Island Playground of Activities in Puerto Rico:** Endless sunshine and warm tropical breezes complement Puerto Rico's perfect mix of laid-back beaches and outdoor adventures. The Wyndham Grand Rio Mar Puerto Rico Golf & Beach Resort features a premier location mere steps away from a private stretch of golden sand along the Atlantic, and is the closest resort in Puerto Rico to El Yunque Rainforest. The inspiring, otherworldly beauty of Bioluminescent Bay is in the waters just off their coast, with Bio Bay tours in Puerto Rico that can be arranged with their [on-site tour company](#) for effortless convenience. They are also a short drive from the historic attractions of Old San Juan, the "Second City" of Ponce, and one of the island's most popular activities – ziplining. Renowned [golf](#) and [tennis](#) are right on site, fun and engaging [activities for kids](#) and adults alike, and sparkling lagoon-style [swimming pools](#). When you're ready for a break from fun in the sun, try your luck at their [casino](#), or wind down at the luxurious, tranquil [Mandara Spa](#).



## SCHEDULE: Friday, June 28

### GENERAL SESSION: 8AM-5PM

#### PLENARY: 0800-1000: DCI Theory & Mechanisms

- ⇒ 0830-0900: **Oxygen toxicity: Where are we now?** Jay Dean, PhD
- ⇒ 0900-0930: **Navy dive operations: Lessons learned about planning, DCS prevention and treatment:** Pete Witucki, MD
- ⇒ 0930-1000: **Wearable diving technology:** John Florian, PhD

#### SESSION C: 1030-1130: Decompression Theory and Mechanisms

##### Session C: Posters: 1130-1200

Selected abstracts on the related topic will be presented orally during the 1030-1130 session. All submitted abstract on the related topic will be presented in electronic poster format during the 1130-1200 time slot.

**LAMBERTSEN KEYNOTE: 1300-1400:** Lecture information on page 3.  
**Decompression sickness as an inflammatory disease:** Simon Mitchell, MBBS, PhD

#### SESSION D: 1400-1500: Diving Medicine

##### Session D: Posters: 1530-1600

Selected abstracts on the related topic will be presented orally during the 1400-1500 session. All submitted abstract on the related topic will be presented in electronic poster format during the 1530-1600 time slot.

#### PLENARY: 1600-1700: Altitude Decompression Sickness

- ⇒ 1600-1630: **Combating flier's "bends" during unpressurized flight and explosive decompression in World War II:** Jay Dean
- ⇒ 1630-1700: **USAF hypobaric exposures experience:** Marc Robins, DO

#### UHMS GENERAL BUSINESS MEETING: 1700-1800

## Wyndham Grand Rio Mar Puerto Rico Golf & Beach Resort

6000 Rio Mar Blvd  
Rio Grande, Puerto Rico 00745

ROOM RATE: \$182.31\* S/D

### ROOM RESERVATIONS:

*"The Society has negotiated a special discounted room rate (room-block) with the hotel. Your patronage of this meeting hotel makes it possible for the Society to secure the space necessary for this event at a greatly reduced cost. The hotel not only offers a discounted rate and the best networking opportunities, but staying in the group block helps the Society meet its obligation to the hotel, avoid penalties, and keep meeting registration prices down. Any attendee that does not book under the UHMS room block, will not receive the special discounted amenities."*

### Reservation Cut of date: Friday, May 31, 2019

Call in reservations: 800-474-6627

Online reservations: coming soon

- ◆ You must identify yourself as being part of the Undersea and Hyperbaric Medical Society Annual Scientific Meeting.
- ◆ Group rate will be offered 3 days pre and 3 days post based on last room availability.
- ◆ When reservations are made, the hotel will require a deposit equal to the room rate, tax, and Resort Fee for the first and last night for each reservation. Each guest will be required to present a valid credit card upon check-in, on which an amount of sufficient pre-authorization can be obtained to cover the room, tax, and Resort Fee charges for the length of the guest's stay, plus the anticipated use of the Resort's ancillary services.
- ◆ \*Group room rate shall be subject to prevailing 2019 tax (current tax is 11%) and, should all 2019 hotel guests be subject to a mandatory resort fee, an applicable flat resort fee of no greater than \$14 per room per day, also subject to tax, shall apply. Likewise, should hotel policy no longer include the mandatory levy of a one time per adult person portage fee and a mandatory daily housekeeping gratuity then such fees shall no longer apply to UHMS meeting attendees. Should policy remain in place, said mandatory fees shall be no greater than originally (c-below) contracted:
  - \$7 per person portage
  - \$2.50 per room per night housekeeping gratuity

**CANCELLING INDIVIDUAL RESERVATIONS:** Individual room reservation cancellations will be accepted up to seven (7) days prior to the guest's reservation arrival date without penalty. Advance deposits are refundable to guest if timely notice of cancellation is given and a cancellation number is obtained. Cancellations that occur inside the seven (7) day period shall forfeit an advanced deposit equal to the first night's room and applicable tax.

**CHECK-IN / CHECK-OUT:** Guest accommodations will be available at 4:00 pm on arrival day and reserved until 11:00 am on departure day. Any attendee wishing special consideration for early arrival should call the toll free number, 888-474-6627. Any attendee wishing special consideration for late check-out should inquire at the front desk on the day of departure. Group members staying in their rooms beyond the check-out time without Resort authorization will be charged for an additional room night.



## SCHEDULE: Saturday, June 29

**NON-PHYSICIAN TRACK: 8AM-5PM**

**GENERAL SESSION: 8AM-5PM**

**PLENARY: 0800-1000: The Regulatory and Reimbursement Challenges Facing Nations and How These Have Been Addressed**

- ⇒ **0800-0825: Canada: Ken LeDez, MD**
- ⇒ **0825-0850: United Kingdom: Pieter Bothma, MD**
- ⇒ **0850-0915: United States: Caroline Fife, MD**
- ⇒ **0915-0940: Australia: Michael Bennett, M:**
- ⇒ **0940-1000: Panel discussion**

**SESSION E: 1030-1130: HBO<sub>2</sub> Operations, Chambers, and Equipment**

**Session E: Posters: 1130-1200**

Selected abstracts on the related topic will be presented orally during the 1030-1130 session. All submitted abstract on the related topic will be presented in electronic poster format during the 130-1200 time slot.

**PLENARY: 1300-1400**

- ⇒ **1300-1330: HBO<sub>2</sub> and Inflammatory Bowel Disease Update: Jay Buckey, MD**
- ⇒ **1330-1400: Thai dive rescue: Richard Walker, MD**

**SESSION F: 1400-1500: Top Case Reports**

**Session F: Posters: 1530-1600**

Selected abstracts on the related topic will be presented orally during the 1400-1500 session. All submitted abstract on the related topic will be presented in electronic poster format during the 1530-1600 time slot.

**PLENARY: 1600-1700: Topics in Undersea and Hyperbaric Medicine**

- ⇒ **1600-1630: Top articles in HBO<sub>2</sub>: Fellow (TDB)**
- ⇒ **1630-1700: Top articles in Undersea Medicine: Fellow (TDB)**

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## TRANSPORTATION

### AIRPORT:

San Juan International Airport (SJU)

### TRANSPORTATION FROM THE AIRPORT TO WYNDHAM GRAND RIO MAR:

#### HOTEL PREFERRED SHUTTLE

**SERVICE:** Guest Services Inc.: Contact Group Services, Inc. at 787-888-6000 ext. 6318 for more information, or [click here and book your transportation online](#). The Current charge for airport concierge and transportation services is \$88 per person, round trip. Airport transportation is subject to a 15% service charge.

**TAXIS - SHUTTLES:** <http://aerpuertosju.com/en/transportation/entaxis/>

**CAR RENTALS:** <http://aerpuertosju.com/en/transportation/car-rental/>

### Wednesday, June 26

- Pre-courses: \$180

### Thursday – Saturday, June 27-29

#### • **Member: Physician or Equivalent:**

**Before May 1:** Three days: \$795; Daily Rates: Fri: \$285/Sat: \$285/Sun: \$285  
**After May 1:** Three days: \$845; Daily Rates: Fri: \$298/Sat: \$298/Sun: \$298

#### • **Member: Fellow/Resident/Non-physician/Student:**

**Before May 1:** Three days: \$595.00; Daily Rates: Fri: \$215/Sat: \$215/Sun: \$215  
**After May 1:** Three days: \$645.00; Daily Rates: Fri: \$228/Sat: \$228/Sun: \$228

#### • **Non-Member: Physician or Equivalent:**

**Before May 1:** Three days: \$995; Daily Rates: Fri: \$350/Sat: \$350/Sun: \$350  
**After May 1:** Three days: \$1045; Daily Rates: Fri: \$363/Sat: \$363/Sun: \$363

#### • **Non-Member: Fellow/Resident/Non-physician/Student:**

**Before May 1:** Three days: \$695; Daily Rates: Fri: \$240/Sat: \$240/Sun: \$240  
**After May 1:** Three days: \$745; Daily Rates: Fri: \$253/Sat: \$253/Sun: \$253

### Welcome Reception: Wednesday, June 26 (7-9pm):

- \$0 for registered attendee
- \$50 for Accompanying person (see special AC packages)

### Exhibitor Reception: Thursday, June 27 (6-7pm)

- \$0 for registered attendee
- \$40 for Accompanying person (see special AC packages)

### Banquet: Saturday, June 29 (7-10pm)

- \$75 for registered attendee
- \$75 for Accompany person (see special AC packages)

### After party: Saturday, June 29 (10pm-12am)

- \$25 for registered attendee
- \$25 for Accompany person (see special AC packages)

### SPECIAL PACKAGES FOR ACCOMPANYING PERSONS

- \$ 415: **AP Meeting Attendance (non-medical, non CME/CEU)** includes: access to meeting, Continental breakfast, coffee breaks, welcome reception & exhibitor reception
- \$295: **AP Premium Package:** includes: Continental breakfast, coffee breaks, welcome reception, exhibitor reception, banquet & after party
- \$220: **AP Basic Package:** Continental breakfast, coffee breaks, welcome reception, exhibitor reception



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## REGISTRATION: 2019 UHMS Annual Scientific Meeting: June 26-29

Last Name		First Name		Degree	
Address					
Add 2 (if needed)					
City/Town			State/Province		
Postal Code			Country		
Email (must have)			Daytime #		
<p><b>Privacy Consent:</b> In registering for this conference, relevant details (name/address) will be incorporated into a delegate list for the benefit of all delegates, and also may be made available to parties directly related to the conference including accommodation suppliers and sponsors.</p> <p><b>CONSENT TO USE CONTACT DETAILS:</b></p> <p><input type="checkbox"/> <b>YES</b>, I consent to my details being passed on to a third party or being used for a secondary purpose.</p> <p><input type="checkbox"/> <b>NO</b>, I do not consent to my details being passed on to a third party or being used for a secondary purpose</p>					
<b>FEES</b>				<b>Before May 1</b>	<b>After May 1</b>
<b>PRE-COURSES/Workshops: Wednesday, June 26 (rates include breaks &amp; lunch)</b>					
Treatment of Decompression Illness in Recreational Diving				<input type="checkbox"/> \$180	<input type="checkbox"/> \$200
Hyperbaric Oxygen Safety: Clinical and Technical Issues				<input type="checkbox"/> \$180	<input type="checkbox"/> \$200
How to Prepare for Accreditation				<input type="checkbox"/> \$180	<input type="checkbox"/> \$200
<b>UHMS MEMBER FEES (rates include breaks, lunch &amp; Welcome reception)</b>					
<b>THREE DAY FEE: June 27 – June 29</b>					
<input type="checkbox"/> <b>PHYSICIAN</b> (MD/DO/MBBS or Equivalent) <input type="checkbox"/> <b>PHD</b> (Researcher/Scientist)				<input type="checkbox"/> \$795	<input type="checkbox"/> \$845
<input type="checkbox"/> <b>FELLOW/RESIDENT</b> <input type="checkbox"/> <b>NON-PHYSICIAN</b> (CHT/CHRN/RN/RRT/DMT/PA, etc.) <input type="checkbox"/> <b>STUDENT</b>				<input type="checkbox"/> \$595	<input type="checkbox"/> \$645
<b>DAILY FEES: June 27 – June 29</b>					
<b>PHYSICIAN (MD/DO/MBBS or Equivalent) / PHD (Researcher/Scientist)</b>					
<input type="checkbox"/> <b>THURSDAY: JUNE 27</b>				<input type="checkbox"/> \$285	<input type="checkbox"/> \$298
<input type="checkbox"/> <b>FRIDAY: JUNE 28</b>				<input type="checkbox"/> \$285	<input type="checkbox"/> \$298
<input type="checkbox"/> <b>SATURDAY: June 29</b>				<input type="checkbox"/> \$285	<input type="checkbox"/> \$298
<b>FELLOW/RESIDENT / NON-PHYSICIAN (CHT/CHRN/RN/RRT/DMT/PA, etc.) / STUDENT</b>					
<input type="checkbox"/> <b>THURSDAY: JUNE 27</b>				<input type="checkbox"/> \$215	<input type="checkbox"/> \$228
<input type="checkbox"/> <b>FRIDAY: JUNE 28</b>				<input type="checkbox"/> \$215	<input type="checkbox"/> \$228
<input type="checkbox"/> <b>SATURDAY: June 29</b>				<input type="checkbox"/> \$215	<input type="checkbox"/> \$228
<b>NON-MEMBER FEES (rates include breaks, lunch &amp; Welcome reception)</b>					
<b>THREE DAY FEE: June 27 – June 29</b>					
<input type="checkbox"/> <b>PHYSICIAN</b> (MD/DO/MBBS or Equivalent) <input type="checkbox"/> <b>PHD</b> (Researcher/Scientist)				<input type="checkbox"/> \$995	<input type="checkbox"/> \$1045
<input type="checkbox"/> <b>FELLOW/RESIDENT</b> <input type="checkbox"/> <b>NON-PHYSICIAN</b> (CHT/CHRN/RN/RRT/DMT/PA, etc.) <input type="checkbox"/> <b>STUDENT</b>				<input type="checkbox"/> \$695	<input type="checkbox"/> \$745
<b>DAILY FEES: June 27 – June 29</b>					
<b>PHYSICIAN (MD/DO/MBBS or Equivalent) / PHD (Researcher/Scientist)</b>					
<input type="checkbox"/> <b>THURSDAY: JUNE 27</b>				<input type="checkbox"/> \$350	<input type="checkbox"/> \$363
<input type="checkbox"/> <b>FRIDAY: JUNE 28</b>				<input type="checkbox"/> \$350	<input type="checkbox"/> \$363
<input type="checkbox"/> <b>SATURDAY: June 29</b>				<input type="checkbox"/> \$350	<input type="checkbox"/> \$363
<b>FELLOW/RESIDENT / NON-PHYSICIAN (CHT/CHRN/RN/RRT/DMT/PA, etc.) / STUDENT</b>					
<input type="checkbox"/> <b>THURSDAY: JUNE 27</b>				<input type="checkbox"/> \$240	<input type="checkbox"/> \$253
<input type="checkbox"/> <b>FRIDAY: JUNE 28</b>				<input type="checkbox"/> \$240	<input type="checkbox"/> \$253
<input type="checkbox"/> <b>SATURDAY: June 29</b>				<input type="checkbox"/> \$240	<input type="checkbox"/> \$253

<b>Social Functions</b> (Attendees only)	
<input type="checkbox"/> YES, I will be attending the <b>WELCOME RECEPTION</b> : Wednesday, June 26 (7-9pm)	
<input type="checkbox"/> YES, I will be attending the <b>EXHIBITOR RECEPTION</b> : Thursday, June 27(6pm-7pm)	
<input type="checkbox"/> <b>Associate Business Luncheon</b> : June 27 (limited spaces–please contact UHMS–For UHMS ASSOCIATES MEMBERS ONLY)	
<input type="checkbox"/> <b>BANQUET: Registered Attendees</b> (accompanying person fees below): Saturday, June 29	<input type="checkbox"/> \$75.00
<input type="checkbox"/> <b>AFTER PARTY: Registered Attendees</b> (accompanying person fees below): Saturday, June 29 (10pm-12mid-night)	<input type="checkbox"/> \$25.00
<b>Accompanying Persons</b> (per person)	
NAME of Accompanying Person: (if selecting item below) _____	
<b>AP Meeting Attendance (non-medical, non CME/CEU)</b> ) includes: access to meeting, Continental breakfast, coffee breaks, lunch, welcome reception & exhibitor reception	<input type="checkbox"/> \$455.00 x____
<b>AP Premium Package Plus</b> : includes: Continental breakfast, coffee breaks, lunch, welcome reception, exhibitor reception, banquet & after party	<input type="checkbox"/> \$350.00 x____
<b>AP Premium Package</b> : includes: Continental breakfast, coffee breaks, lunch, welcome reception, exhibitor reception, banquet	<input type="checkbox"/> \$335.00 x____
<b>AP Package</b> : includes: Continental breakfast, coffee breaks, lunch, welcome reception, exhibitor reception	<input type="checkbox"/> \$310.00 x____
<b>AP Basic</b> : includes: Continental breakfast, coffee breaks, welcome reception, exhibitor reception	<input type="checkbox"/> \$295.00 x____
<b>AP Welcome Reception</b> : Wednesday, June 26	<input type="checkbox"/> \$ 50.00 x____
<b>AP Exhibitor Reception</b> : Thursday, June 27	<input type="checkbox"/> \$ 40.00 x____
<b>AP Banquet ONLY</b> : Saturday, June 29	<input type="checkbox"/> \$ 75.00 x____
<b>AP After Party ONLY</b> : Saturday, June 29 (10pm-12 midnight)	<input type="checkbox"/> \$ 25.00 x____
<b>Printed copy of the Program</b>	<input type="checkbox"/> \$ 25.00 x____
<b>TOTAL AMOUNT ENCLOSED OR TO BE CHARGED: *ALL \$\$ are USD*</b>	
<b>\$</b>	
CANCELLATION / REFUND POLICY: <b>\$100 administrative fee will be held on all MEETING(S)/COURSE(S) cancellations three (3) months prior to start of meeting date. 50% of fees will be held on all cancellations one (1) month to two weeks prior to start of meeting date. NO REFUNDS two weeks prior to or after the meeting date.</b>	
<b>PAYMENT INFORMATION</b>	
<input type="checkbox"/> Check/Money Order (make payable to UHMS) <input type="checkbox"/> Visa <input type="checkbox"/> MasterCard <input type="checkbox"/> American Express <input type="checkbox"/> Diners <input type="checkbox"/> Discover	
Card Number	Expiration Date
Name on Card	CVV Code
Billing Address	Cardholder Signature
	Billing zip code
<b>MAIL WITH PAYMENT TO:</b> <b>UHMS</b> <b>631 US HIGHWAY 1, SUITE 307</b> <b>NORTH PALM BEACH, FL 33408</b> <b>OR FAX TO: 919-490-5149</b> <b>Email: <a href="mailto:uhms@uhms.org">uhms@uhms.org</a> / Website: <a href="http://www.uhms.org">www.uhms.org</a></b>	
<b>REGISTER ONLINE at: <a href="http://www.uhms.org">www.uhms.org</a></b>	

## ABOUT UHMS

The Undersea and Hyperbaric Medical Society (UHMS) was formed in 1967. It is an international nonprofit association serving some 2,000 physicians, scientists, associates and nurses from more than 50 countries in the fields of hyperbaric and dive medicine.

The UHMS is an important source of scientific and medical information pertaining to hyperbaric medicine involving hyperbaric oxygen therapy and diving through its bimonthly, peer-reviewed journal, Undersea and Hyperbaric Medicine, symposia, workshops, books and other publications.

It organizes an annual scientific meeting at different U.S. and international locations to permit review of the latest in research and treatment and to promote the highest standards of practice.

The mission of the UHMS is:

- To provide a forum for professional scientific communication among individuals and groups involved in basic and applied studies concerned

- To develop and promote educational activities and other programs, which improve the scientific knowledge of matters related to undersea and hyperbaric environments and the accepted applications of hyperbaric oxygen therapy for the membership, as well as physicians and allied health professionals, divers, diver technicians and the public at large.
- To provide a source of information and support in the clinical practice of hyperbaric medicine and to stay abreast of legislative, legal, and regulatory changes in the field.
- To provide a means by which hyperbaric facility directors/owners will have an opportunity to request an accreditation survey of their facility for safety, staffing and verifying the adequacy of the professional medical application of hyperbaric therapy.



*"Raising the Quality of Practice One Member at a Time"*

## UNDERSEA AND HYPERBARIC MEDICAL SOCIETY

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