The program will be held at the Anse Chastanet and adjacent Jade Mountain Resort on Saint Lucia. The hotel provides a conference center with comfortable air-conditioned facilities and a variety of recreational activities in addition to diving.

DIVING PROGRAM
Certified scuba divers are welcome to the didactic program. There is an opportunity to take a training course leading to scuba certification. Diving will be provided by Scuba St Lucia, noted for its excellent facilities, services, and safety standards. They feature a fully equipped dive shop and custom-designed dive boats that depart from the hotel dock.

EDUCATIONAL OBJECTIVES
Educational Objectives:
- Evaluate sport diving candidates for fitness to dive
- Formulate a differential diagnosis for diving disorders
- Describe the biologic effects of pressure and inert gas
- Understand the indications for Hyperbaric Oxygen Therapy
- Diagnose common marine injuries and intoxications

TARGET AUDIENCE
Physicians and other care providers who encounter divers or diving candidates in their practice.

The program will be held at the Anse Chastanet and adjacent Jade Mountain Resort on Saint Lucia. The hotel provides a conference center with a comfortable air-conditioned classroom, and a variety of recreational activities in addition to diving.

DIVING PROGRAM
Certified scuba divers may join the diving program. Non-divers are welcome to the didactic program. There is an opportunity to take a training course leading to scuba certification. Diving will be provided by Scuba St Lucia, noted for its excellent facilities, services, and safety standards. They feature a fully equipped dive shop and custom-designed dive boats that depart from the hotel dock.

CONTACTS
sandy@scubamed.com  fred@scubamed.com
WEB SITE
www.scubamed.com

The Albert J. Finestone, M.D. Office for Continuing Medical Education
Temple University School of Medicine
3440 North Broad St.
Philadelphia, PA 19140

COURSE REGISTRATION FORM
UNDERWATER MEDICINE 2016

REGISTRATION FEE: $650.00**
$750 after Dec 30, 2015
$850 for registrants not in the UMA package
Fee includes: Lectures and Course Materials.

Enclosed is my check in the amount of $650.00 for registration. Make checks payable to Underwater Medicine Associates. Return to:
Underwater Medicine Associates
P.O. BOX 481
Bryn Mawr, PA 19010

**Course Registration Fee and Hotel Registration Deposit can be combined on one check, or paid by credit card

NAME_______________________________DEGREE______
PRACTICE SPECIALTY ______________________________
COMPANION OR SPOUSE____________________________
ADDRESS _________________________________________
CITY ______________________________________________
STATE _______   ZIP ____________
PHONE: HOME ________________
OFFICE______________
FAX__________________  CELL _______________
Email: _____________________________________________

T-shirt size   __Small  __Medium    __Large   __XL   __ XXL

I understand that enrollment is limited, that my money will be refunded if the course is full, and that Underwater Medicine Assoc. Inc. reserves the right to cancel the program and return all course monies without further obligation if sufficient attendance is not secured by November 15, 2015.
I understand that to dive, I must be a certified scuba diver with a recognized certification card. I am medically sound and physically fit for diving.

SIGNATURE ________________________________________
SIGNATURE OF COMPANION (if diving) ________________

presents the
42nd Annual
UNDERWATER MEDICINE Course
January 16-23
2016
in collaboration with the
Undersea and Hyperbaric Medical Society
Anse Chastanet Resort
Saint Lucia

TELEPHONE: 215-898-8960
FAX: 215-898-8908
www.temple.edu/continuinged
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CONCEPTS OF HYPERBARIC MEDICINE
Hyperbaric oxygen therapy has become a well respected and accepted mode of treatment for various medical conditions. Hyperbaric oxygen therapy is the delivery of oxygen at greater than atmospheric pressure in a controlled environment to treat a variety of pathologies. There are many reasons why a hyperbaric environment is useful for the delivery of oxygen. Hyperbaric medicine is a rapidly expanding field with new applications continually being discovered.

EDUCATIONAL OBJECTIVES
At the conclusion of the course, participants should be able to:
• Evaluate sport diving candidates for fitness to dive
• Formulate a differential diagnosis for diving disorders
• Describe the biologic effects of pressure and inert gas
• Understand the indications for Hyperbaric Oxygen Therapy
• Diagnose common marine injuries and intoxications

TARGET AUDIENCE
Physicians and other care providers who encounter divers or diving candidates in their practice.

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WEB SITE
www.scubamed.com
**FACULTY AND STAFF**

Alfred A. Bove, M.D., Ph.D, MACC, FACP, FAHMS

Eumertius Professor of Medicine

Carson-Vanrosen, Temple University School of Medicine

Dr. Bove was trained as a diving medical officer in the Navy and served total of 33 years of active and reserve duty. He has published 450 papers on decompression sickness and with another investigator, was awarded the Stover-Link diving research award of the Undersea Medical Society in 1975 and the UHMS Craig Hoffman award in 1988. In 1995, he received the NOGII award for science from the Academy of Underwater Arts and Sciences. He is a past president of the UHMS. Dr. Bove is board certified in Internal Medicine, Cardiology and Undersea and Hyperbaric Medicine, and is a YMCASA NAUI diving instructor. He is the editor of the textbook Bove and Dale’s Diving Medicine, fourth edition, and is an avid sport diver.

Linell K. Weaver, MD, FACP, FCCP, FCCM, FAHMS

Professor of Medicine

University of Utah School of Medicine

Dr. Weaver is the Medical Director and Division Chief of Hyperbaric Medicine at the LDS hospital, and the International Medical Center. He has published important studies in HBO2 therapy of Carbon Monoxide poisoning, HBO2 therapy for non-healing wounds, and recently in the use of HBO2 in treating traumatic brain injury. He was president of the Undersea and Hyperbaric Medical Society from 2004 to 2006. He was the Chair of the Hyperbaric Oxygen Therapy Committee of the UHMS until 2015. He is board certified in Internal Medicine, Pulmonary Diseases, Critical Care and Undersea and Hyperbaric Medicine. Dr. Weaver is trained as a Navy Undersea Medical Officer, and served a total of 12 years of active and reserve duty. He is a consultant in diving medicine for several professional diving organizations, and is a certified diving instructor. He is the current southwest regional coordinator for the Divers Alert Network. He has received numerous awards for his research in hyperbaric medicine, including the prestigious Paul Hart award of the UHMS, and has published more than 150 papers on HBO therapy, and is recognized as an international expert on treatment of Carbon Monoxide poisoning.

Tom S. Neuman, M.D., FACP, FCCPM, FAHMS

Professor and Vice Chair of Medicine, Emertius

University of California, San Diego

Dr. Neuman was trained as a diving medical officer, he retired from the Naval Reserve with the rank of Captain. He was president of the UHMS in 1989 and past editor-in-chief of the journal Undersea and Hyperbaric Medicine. He is the co-editor of the 5th Edition of Bennett and Elliott’s Physiology and Medicine of diving. He was named a contributor to the National Academy of Sciences to advise NASA on the medical problems associated with colonization of the moon and the trip to Mars. Dr. Neuman is an active diver, a PADI scuba instructor. He is board certified in Internal Medicine, Pulmonary Medicine, Emergency Medicine, Undersea and Hyperbaric Medicine and Preventive Medicine. In 2007, Dr. Neuman received the Albert Behnke Award for outstanding scientific contributions to the field of Undersea Medicine. He also received the Stover-Link award for contributions to diving safety and the Merritt Spencer Award for lifetime achievement.

Nelson M. Wolf, M.D.

Professor of Medicine (retired)

Cardiology Section, Temple University School of Medicine

Dr. Wolf is a retired member of the faculty in Cardiology at Temple University School of Medicine. He was a Navy Undersea Medical Officer in the U.S. Navy for 5 years. Dr. Wolf also has training in the areas of biostatistics and disaster preparedness. He is a member of the disaster management committee of Temple University Hospital. Dr. Wolf is the former director of Invasive and Interventional Cardiology at Temple University Medical Center. He has been a leader in application of newer technologies to invasive and interventional cardiology. Dr. Wolf has been an avid sport diver for many years.

**Program Manager**

Sandy Bove, RN

President, Underwater Medicine Associates

Sandy manages the hotel, travel, and diving arrangements.

**Accreditation Statement**

Temple University School of Medicine is accredited by the Accreditation Council for Continuing Education to provide Continuing Medical Education for physicians.

**Certification Statement**

Temple University School of Medicine designates this live activity for a maximum of 25 AMA PRA Category 1 credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**Disclosure Policy**

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**Policies**

If you have special needs that we can address to make your participation more enjoyable and meaningful, please contact UMA at 610-896-8806.

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**LECTURE SCHEDULE**

**Sunday, January 17**

8:00 a.m. Introduction – Safe Diving Practices

9:00 Adjourn

3:00 p.m. Hyperbaric oxygen therapy - overview

4:30 Fitness for diving

5:00 DCS/AGE Therapy

6:00 - Diagnosing DCS

7:00 Adjourn

**Monday, January 18**

2:30 p.m. Hyperbaric oxygen therapy - overview

3:30 Immersion Pulmonary Edema

4:30 Drowning and diving

5:30 Fundamental mechanisms of hyperbaric oxygen

6:30 Adjourn

**Tuesday, January 19**

2:30 p.m. Marine Toxicology (invertebrates)

3:30 Ingested Marine Toxins

4:30 Immersion Pulmonary Edema

5:30 Carbon monoxide poisoning

6:00 Patent Foramen Ovale and Diving

7:00 Adjourn

**Thursday, January 21**

2:30 p.m. Cardiac Disorders and Diving

4:00 Diagnosing DCS

5:00 Hyperbaric oxygen for mild traumatic brain injury

6:00 Case Presentations

7:00 Adjourn

**Friday, January 22**

3:00 p.m. HBO for acclimatizing fascias and gas gangrene

4:00 Final examination

5:00 Examination review

6:00 Adjourn
HOTEL AND DIVING PACKAGES: All rooms have two single or double beds or a king bed, balcony and ceiling fan. Hill side rooms are spacious with open beds and a view of the ocean. Only Beachfront and Jacuzzi rooms have air conditioning. All rooms have a hair dryer and refrigerator. Each package includes: Rooms for seven nights, all meals, taxes and gratuities, tanks, weights and weight belts. Please circle your selection from the following options (prices listed per person):

- Superior hill side - Diver $1330.00 $1860.00
- Non-Diver $2530.00 $3460.00
- Deluxe beach side - Diver $1390.00 $1840.00
- Non-Diver $2580.00 $3480.00
- Deluxe hill side - Diver $1350.00 $1800.00
- Non-Diver $2310.00 $2460.00
- Premium hill side - Diver $1390.00 $2380.00
- Non-Diver $2350.00 $3480.00
- Jade Mt. Jacuzzi - Diver $1450.00 $2310.00
- Non-Diver $2415.00 $3460.00
- Jade Mt. Star Pool - Diver $2740.00 $3630.00
- Non-Diver $3300.00 $4360.00

Room for seven nights, all meals, taxes and gratuities, airport transportation, and weight belts. Please circle your selection from the following dives per day, marine park fee, diving gratuities, tanks, weights and weight belts. Double Occupancy $5350.00 $7500.00
Single Occupancy $4800.00 $5700.00

Amenities:
- All rooms have a hair dryer and refrigerator.
- Each room includes two double beds or a king bed, balcony and ceiling fan.
- Hill side rooms are spacious with open beds and a view of the ocean. Only Beachfront and Jacuzzi rooms have air conditioning.
- All rooms have a hair dryer and refrigerator.

Cancellation Policy: All cancellations are subject to a $100.00 administrative fee. Please complete:
- Name ______________________________________________
- Address ______________________________________________
- City, State, Zip ____________________
- Phone ____________________
- Email ____________________

Security Code _________________
Expiration date ________________

Credit Card:   VISA          MASTERCARD      AX  (circle one)

Credit Card information is required to guarantee your reservation. Payment must be made by Nov 15, 2015. If you have special needs that we can address to make your participation more enjoyable and meaningful, please contact UMA at 610-896-8806.

FACULTY AND STAFF

Alfred A. Bove, M.D., Ph.D, MACC, FACP, FAHMS
Emeritus Professor of Medicine
Case Western Reserve University School of Medicine
Dr. Bove was trained as a diving medical officer in the Navy and served total of 33 years of active and reserve duty. He has published numerous studies in HBO 2 therapy of Carbon Monoxide poisoning, HBO2 therapy for non-healing wounds, and recently in the use of HBO2 in treating traumatic brain injury. He was president of the Undersea and Hyperbaric Medical Society from 2004 to 2006. He was the Chair of the Hyperbaric Oxygen Therapy Committee of the UHMS until 2015. He is board certified in Internal Medicine, Pulmonary Diseases, Critical Care and Undersea and Hyperbaric Medicine. Dr. Bove is trained as a Navy Undersea Medical Officer, and served a total of 12 years of active and reserve duty. He is a consultant in diving medicine for several professional diving organizations, and is a certified diving instructor. He is the current southwest regional coordinator for the Divers Alert Network. He has received numerous awards for his research in hyperbaric medicine, including the prestigious Paul Hert award of the UHMS and has published more than 150 papers in the areas of bioterrorism and disaster preparedness. He is a member of the UHMS until 2015. He is board certified in Internal Medicine, Pulmonary Diseases, Critical Care and Undersea and Hyperbaric Medicine. Dr. Bove is trained as a Navy Undersea Medical Officer, and served a total of 12 years of active and reserve duty.

Accreditation Statement
Temple University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide Continuing Medical Education for physicians.

Certification Statement
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Disclosure Policy
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LEC TURE SCHEDULE

Sunday, January 17
8:00 a.m. Introduction – Safe Diving Practices 9:00  Adjourn
3:30  Forum - Diagnosing DCS 6:00  Adjourn
5:00 DCS/AGE Therapy
6:00 Forum - Diagnosing DCS 7:00  Adjourn

Monday, January 18
2:30 p.m. Hyperbaric oxygen therapy - overview 3:30 Fitness for Diving 4:30 Immersion Pulmonary Edema 5:30  Case Review 6:30  Adjourn 8:30 Health Care Reform 2016 10:00  Adjourn

Tuesday, January 19
2:30 p.m. Marine Toxicology (invertebrates) 3:30 Engaged Marine Toxins 4:30 Drowning and diving 5:30 Fundamental mechanisms of hyperbaric oxygen 6:30  Adjourn

Wednesday, January 20
2:30 p.m. Breath Hold Diving 3:30 Stabilization of patients (vertebrates) 5:00 Carbon monoxide poisoning 6:00 Patent Foramen Ovale and Diving 7:00  Adjourn

Thursday, January 21
2:30 p.m. Cardiac Disorders and Diving 4:00  Diagnosing DCS 5:00 Hyperbaric oxygen for mild traumatic brain injury 6:00 Case Presentations 7:00  Adjourn

Friday, January 22
3:00 p.m. HBO for accelerating fasciitis and gas gangrene 4:00  Final examination 5:00 Examination review 6:00  Adjourn

FACULTY AND STAFF

Nelson M. Wolf, M.D.
Professor of Medicine (retired)
Cardiology Section, Temple University School of Medicine
Dr. Wolf is a retired member of the faculty in Cardiology at Temple University School of Medicine. He was a Navy Undersea Medical Officer in the U.S. Navy for 5 years. Dr. Wolf also has training in the areas of bioterrorism and disaster preparedness. He is a member of the disaster management committee of Temple University Hospital.

Program Manager
Sandy Bove, RN
President, Underwater Medicine Associates
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Please contact Sandy Bove for travel information.
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Linell K. Weaver, MD, FACP, FCCP, FACC, FAHIM
Professor of Medicine

University of Texas Southwestern Medical School

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Professor of Medicine, Emeritus

University of California, San Diego

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Accreditation Statement
Temple University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide Continuing Medical Education for physicians.

Certification Statement
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FACULTY AND STAFF

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Program Manager

Sandy Bove, RN

President, Underwater Medicine Associates

Sandy manages the hotel, travel, and diving arrangements.

Lecture Schedule

Sunday, January 17
8:00 a.m. Introduction – Safe Diving Practices
9:00 Adjourn
3:00 p.m. Physics and Physiology of Diving
4:30 Barotrauma
5:00 DCS/AGE Therapy
6:00 Forum - Diagnosing DCS
7:00 Adjourn

Monday, January 18
2:30 p.m. Hyperbaric oxygen therapy - overview
3:30 Fitness for Diving
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2:30 p.m. Marine Toxicology (invertebrates)
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Alfred A. Bove, M.D., Ph.D., MACC, FACP, FAHA
Emeritus Professor of Medicine

Caroline Van Der Geest, Temple University School of Medicine

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CONTACTS
sandy@scubamed.com
fred@scubamed.com
WEB SITE
www.scubamed.com

COURSE DESCRIPTION
Medical evaluation of a diver or diving candidate demands that the physician have a knowledge of the unique physical qualifications needed for this sport. In this year’s program, we will pay special attention to diagnosing diving disorders, and will provide a combination of didactic lectures and case examples with interactive discussions to enhance learning related to diagnosis of diving disorders, assessment for fitness to dive, marine injuries and toxicity and hyperbaric oxygen therapy. Upon completion of the course, participants should have a general knowledge of diving medicine and medical standards for diving assessment of fitness for diving, marine toxicology, and hyperbaric oxygen therapy.

EDUCATIONAL OBJECTIVES
At the conclusion of the course, participants should be able to:
• Evaluate sport diving candidates for fitness to dive
• Formulate a differential diagnosis for diving disorders
• Describe the biologic effects of pressure and inert gas
• Understand the indications for Hyperbaric Oxygen Therapy
• Diagnose common marine injuries and intoxications

TARGET AUDIENCE
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COURSE REGISTRATION FORM
UNDERWATER MEDICINE 2016
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**Course Registration Fee and Hotel Registration Deposit can be combined on one check, or paid by credit card
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Return to:
Underwater Medicine Associates
P.O. BOX 481
Bryn Mawr, PA 19010

NAME_______________________________DEGREE______
PRACTICE SPECIALTY ______________________________
COMPANION OR SPOUSE____________________________
ADDRESS _________________________________________
CITY ______________________________________________
STATE _______   ZIP ____________
PHONE: HOME ________________
OFFICE______________
FAX__________________  CELL _______________
Email: _____________________________________________
T-shirt size   __Small  __Medium    __Large   __XL   __ XXL

I understand that enrollment is limited, that my money will be refunded if the course is full, and that Underwater Medicine Assoc. Inc. reserves the right to cancel the program and return all course monies without further obligation if sufficient attendance is not secured by November 15, 2015.
I understand that to dive, I must be a certified scuba diver with a recognized certification card. I am medically sound and physically fit for diving.

SIGNATURE ______________________________________
SIGNATURE OF COMPANION (if diving) ________________
The program will be held at the Anse Chastanet and adjacent Jade Mountain Resort on Saint Lucia. The hotel provides a conference center with a comfortable air conditioned classroom, and a variety of recreational activities in addition to diving.

DIVING PROGRAM
Certified scuba divers may join the diving program. Non-divers are welcome to the didactic program. There is an opportunity to take a training course leading to scuba certification. Diving will be provided by Scuba St Lucia, noted for its excellent facilities, services and safety standards. They feature a fully equipped dive shop and custom-designed dive boats that depart from the hotel dock.

CONTACTS
sandy@scubamed.com
fred@scubamed.com

WEB SITE
www.scubamed.com

COURSE  REGISTRATION FORM
UNDERWATER MEDICINE 2016
REGISTRATION FEE: $650.00**
$750 after Dec 30, 2015
$850 for registrants not in the UMA package
Fee includes: Lectures and Course Materials.
Enclosed is my check in the amount of $650.00 for registration.
Make checks payable to Underwater Medicine Associates.
Return to:
Underwater Medicine Associates
P.O. BOX 481
Bryn Mawr, PA 19010

**Course Registration Fee and Hotel Registration Deposit can be combined on one check, or paid by credit card
NAME_______________________________DEGREE______
PRACTICE SPECIALTY ______________________________
COMPANION OR SPOUSE____________________________
ADDRESS _________________________________________
CITY ______________________________________________
STATE _______   ZIP ____________
PHONE: HOME __________________ OFFICE______________
FAX__________________  CELL _______________
Email: _____________________________________________
T-shirt size   __Small  __Medium    __Large   __XL   __ XXL
I understand that enrollment is limited, that my money will be refunded if the course is full, and that Underwater Medicine Assoc. Inc. reserves the right to cancel the program and return all course monies without further obligation if sufficient attendance is not secured by November 15, 2015.
I understand that to dive, I must be a certified scuba diver with a recognized certification card. I am medically sound and physically fit for diving.
SIGNATURE ________________________________
SIGNATURE OF COMPANION (if diving) ________________