



The 2010 Undersea & Hyperbaric Medical Society (UHMS) Annual Scientific Meeting will be held at the Tradewinds Grand Island Resort, St. Pete Beach, Florida, June 3-5. We will offer a pre-course on June 2: "Multidisciplinary Approach to Wound Management."

The UHMS Annual Scientific Meeting is designed to be a forum for exchange of ideas in undersea and hyperbaric medicine, both scientific and practical, among physicians, researchers and other allied health professionals. The UHMS Annual Scientific Meeting consists of abstract and poster presentations, plenary sessions, luncheons, the annual Kronheim and Bangasser Lectures, and social events. There will be exhibits from a number of wound care, hyperbaric, and diving vendors.



## ACCOMMODATIONS



**Tradewinds Island Grand**  
**5600 Gulf Boulevard**  
**St. Pete Beach, FL 33706**

**Room Rate: \$169.00** Single/Double Occupancy

**Reservations:**

1-800-808-9833 (US&Canada)

Direct: 727-363-2215

**Online: [www.JustLetGo.com/UHMS2010](http://www.JustLetGo.com/UHMS2010) choose "Tradewinds Island Grand"**

**Group code: "Undersea & Hyperbaric Medical Society" or "UHMS2010"**

**RESERVATIONS CUT OFF DATE: April 30, 2010**

Rooms are based on single or double occupancy, per night. Children under 18 are complimentary when sharing a room. Each additional person 18 years of age and older will be charged an additional fee of \$15.00 per room, per night. Group room rates will be extended three (3) days prior and three (3) days following the

main program dates of May 31 - June 6, 2010, based on availability. Group is listed as "Undersea & Hyperbaric Medical Society." Reservations will be taken directly by telephone at 1-800-808-9833 (USA and Canada); direct: 727-363-2215 or ONLINE at: [www.JustLetGo.com/UHMS2010](http://www.JustLetGo.com/UHMS2010) "Choose Tradewinds Island Grand." To confirm a reservation, a first night's deposit (US Funds via check, money order, valid VISA, MasterCard or American Express card) must be received with the reservation request. If you make your room reservations at the hotel through the internet on any travel site, please let us know, so that we can include you in our room block pick up.

### **RESORT AMENITIES:**

The following amenities are included in the rate for each hotel room and/or one-bedroom suite:

- Self Parking for one car per bedroom (valet currently \$8.00 per night additional)
- Local, Credit Card, operator assisted access calls, and toll free calls
- Use of Fitness Center and Tennis Courts
- Domestic in/out faxes
- Daily coffee/local newspaper
- Business Center Use/Internet Use
- In-room safes
- Beach Cabana (1 per room) with towel service, Water Trykes, & and Paddleboats
- Wireless internet access in guest rooms and common areas and meeting space.

**Please note -- the above amenities are listed as a fee on the hotel reservation link...you are NOT to be charged any fee.**

Parking for non-overnight drive-in guests will be subject to availability and will be charged a parking rate, which is currently \$15.00 per day. Valet Parking is also available for an additional \$8.00 per car, per day and subject to availability for non-overnight availability.

### **CHECK IN/CHECK OUT TIME:**

Our guest check-in time is after 4:00 PM and check out is prior to 11:00 AM. Complimentary luggage storage is available for those guests who arrive early or must remain past check out time.

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## **PRE-COURSE INFORMATION**

6/2: "MULTIDISCIPLINARY APPROACH TO WOUND MANAGEMENT"

### ***EXHIBIT/SPONSOR OPPORTUNITIES AVAILABLE***

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**JUNE 2: "MULTIDISCIPLINARY APPROACH TO WOUND MANAGEMENT"**

**[CLICK HERE FOR THE SCHEDULE](#)**

Wound care involves many healthcare providers working together for the common good of their patient. Nurses, therapists, technicians, and physicians of various specialties are involved in this coordinated effort.

This course brings together many members of this team to provide their perspective on coordinated wound care. The course will cover the basics of wound care, wound scoring systems, treatment of pain in wound patients, and evaluation and treatment of wounds related to chemotherapy or radiation. Other topics include the use of hyperbaric oxygen for wounds and the role of hyperbaric oxygen in management ischemia-reperfusion injury, which is common to many types of wounds. The course will also cover issues related to case management of wound care patients and why it is so difficult to follow well established wound care pathways.

The course is an excellent opportunity for the practicing nurse, therapist, technician, or physician to update their knowledge base. It is also an excellent introduction to key concepts of wound care for those who are new to the field.

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## **SOCIAL FUNCTIONS**

6/2 - Welcome Reception: 1800-2100

6/5 - Annual Awards Banquet: 1830-2100

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## **SPECIAL LECTURES**

### **KRONHEIM LECTURE: June 3: 1300-1400**

**Guest Lecturer: Emory Kristof**

**Topic: "20,000 Bytes Under the Sea"**



#### **About the Lecturer:**

Emory is an explorer and an inspiring hero of the seas; Emory's extraordinary pursuits include the successful hunt of the Titanic, locating deep sea volcanoes and gigantic squids; and laying to rest the truth of the cryptic Loch Ness Monster of Scotland. After more than 40 years of traveling the world, covering mostly scientific, high-tech and deep underwater exploratory expeditions for the National Geographic, Emory's accomplishments scale higher than Mt Everest and deeper than the Mariana Trench. Like with all great explorers, Shackleton, Hilary, Cousteau an inexplicable niggling begins in the gut that eventually blooms into an idea to go beyond and see what no one has ever seen, done or heard before. His ventures are mostly extreme, peculiar and more immense than space exploration. In his early years at the Geographic, observing the reduced quality of deep water imagery, Emory rose to the challenge experimenting with wide angle lenses, and a variation of lighting techniques. Along the way, Kristof has pioneered the use of robotic cameras and remotely-operated vehicles (ROVs).

Emory's most illustrious accomplishment must be the 1985 teaming up with Robert Ballard at Woods Hole Institute to find and film the Titanic. This quest actually began in the 1970s, when he invented the designs of the electronic camera system for the ARGO submersible which eventually found the Titanic. In 1991, Emory further produced a Soviet-Canadian collaboration to shoot three-dimensional IMAX (Image Maximum) production of the Titanic. The expedition used two Russian submersibles equipped with 10,000 watts of high-intensity HMI lights mounted on arms to light up the mammoth wreck. To date it remains the most powerful set of lights ever set up to work in the deep ocean. The shoot produced the most published images of the Titanic. In fact it was Emory who inspired Oscar-nominated director James Cameron to film the now famed epic. Emory revealed to Cameron the techniques of illuminating and shooting the humongous wreck resting in the dark abyss. Emory also introduced Cameron to the agile MIR submersibles which were featured in the opening scenes of the Hollywood version of the 'Titanic'. According to Joseph MacInnis, executive producer of the IMAX version of the Titanic, Kristof mounted the twin cameras outside the pressure hull of the submersible and spent 50 hours filming the wreck from every conceivable angle. Emory was the person behind the imagery. "We all know the story and most of us have seen the movie but with 3-D film it is now possible to make a virtual visit to the wreck. It's so real you want to touch it." Emory quips, "Deep water represents about 70 percent of the planet, so it gave me a lot of room to roam. I like the challenge of it." With his passion for, exploring the cold, dark, and mysterious depths of our oceans, notwithstanding the honour of working on high-profile projects, Kristof declares that his enthusiasm is still in animal imagery. A prime example is discovering new life forms swirling around hydrothermal vents in the volcanic hot springs of the Galapagos Rift. With his life long friends Ralph White and Mike Cole at National Geographic they created the design for a timer-controlled camera (Ropacam) baited to attract marine life up to 5kms deep. Until 1977, we didn't know anything about the science of the deep sea. Emory's Galapagos shoot revealed for the first time, a whole new ecosystem that exists in the deep ocean. It was to be the greatest biological discovery of the century documented in an Emmy award winning feature titled, "Dive to the Edge of Creation. Emory is at the forefront with his vision of exploring and sampling the deep sea of the heart of the coral triangle. In September 2007 after four years of planning, negotiations and false starts, surviving both political and security red tape he lead a 30-man team of scientists, ROV pilots, film crew, Navy SEALs into the Southern Philippines, dodging pirates and terrorists to explore the deep water of the Celebes Sea.

Emory is first a photographer; his work has uncovered the un-explored worlds of the deep sea. Kristof and Bill Curtsinger's article "Testing the Waters of Rongelap," published in National Geographic magazine in April 1998, records oceanic life in the nuclear weapons-contaminated waters surrounding the Marshall Islands. In August 1998 Kristof's pictures of the Titanic were presented in the National Geographic magazine article, "Tragedy in Three Dimensions." The pictures, taken in 1991 using high-intensity lighting systems, achieved unprecedented detail due to advances in 3-D computer video-editing. He has produced over 40 articles for National Geographic magazine. Kristof's accomplishments have earned many awards for both writing and photography, including the NOGI Award for Arts from the Underwater Society of America in 1988 and an Explorers Club Lowell Thomas Award for Underwater Exploration in 1986. That same year Kristof and Robert Ballard received the American Society of Magazine Publishers Innovation in Photography Award for their photographic coverage of the Titanic. Kristof was presented with the 1998 J. Winton Lemen Fellowship Award by the U.S. National Press Photographers Association "for being one of our profession's most imaginative innovators with particular attention to pictures from beneath the ocean brought to the readers of National Geographic magazine."

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### **BANGASSER LECTURE: June 4; 1300-1400**

**Guest Lecturer: Robert Marx**

**Topic: "Hyperbaric Oxygen: Established and New Evidence Based Medicine in Radiation Injured Jaws"**

The established and now time proven efficacy of Hyperbaric Oxygen (HBO) in radiated jaws is that of two protocols: The first is 20 sessions of HBO at 2.4 ATA for 90 minutes on 100% oxygen prior to surgery, followed by 10 such sessions after surgery referred to as the 20/10 protocol. This protocol addresses improved healing in the areas of the jaws that have received 6,000 cGy or greater. It is often termed an osteoradionecrosis (ORN) prevention protocol. However, although it may prevent ORN, it is actually a treatment protocol that established studies have shown creates a capillary angiogenesis that improves the radiation damaged tissue in a dose dependent fashion. The second protocol is 30 sessions of HBO followed by 10 sessions after either an assessment or a surgery termed the 30/10 protocol. This protocol pertains to the treatment of actual osteoradionecrosis with exposed bone. New data documents the safety in placing dental implants in radiated jaws and reduction in flap complications when flaps are placed into radiated tissue. In addition, our comprehensive study of 240 surgeries in head and neck radiated tissue documented statistically significant reductions in wound dehiscence, infections, and the need for revision surgeries in patients pretreated with HBO compared to those who were not.

## **CONTINUING EDUCATION**

In order to receive continuing education for the UHMS ASM you must complete and submit an evaluation form. There will be fees for those requesting continuing educational credits. If you do not pre-pay for continuing education credits at time of registration, you may complete the payment section on the back of the evaluation form.

- The Undersea and Hyperbaric Medical Society (UHMS) is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.
- The UHMS designates the ASM educational activity for a maximum of 24 AMA PRA Category 1 Credits™; the Multidisciplinary Approach to Wound Management for a maximum of 7 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.
- Nursing CEU will be provided by Diversified Clinical Services 4500 Salisbury Road, Suite 300, Jacksonville, FL 32216. Florida Board of Registered Nursing Provider # 56-531. ASM Credit hours 24; Multidisciplinary Approach to Wound Management Credit hours 7.
- NBDHMT: The ASM program has been reviewed and is acceptable for up to 24 Category A credit hours; The Multidisciplinary Approach to Wound Management has been reviewed and is acceptable for up to 7 Category A credit hours has been reviewed and is acceptable for up to 7 Category A credit hours by the National Board of Diving and Hyperbaric Medical Technology.
- Disclosure: All faculty members and planners participating in continuing medical education activities sponsored by UHMS are expected to disclose to the participants any financial relationships with commercial interests. Full disclosure of faculty and planner financial relationship will be made at the activity.
- Continuing Education Credit: separate fee required for Pre-courses & ASM – EVALUATIONS must be turned in to receive credits.

### **Expected Results (Goals or Objective)**

- To provide a forum for professional scientific growth and development of the participants.
- To accomplish the aforementioned, the meeting is designed to meet the following additional goals:
- To provide an opportunity for participants to:
  - meet and interact with other scientists and medical practitioners. Specifically, participants should have 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, i.e. nursing, allied health sciences, engineering, and health care administration;
  - attend oral or poster presentations in which ideas and data are presented pertaining to currently accepted uses of hyperbaric oxygen and diving medicine;
  - attend oral or poster presentations pertaining to the critique of current decompression schedules and/or the development of safer decompression schedules;
  - attend oral or poster presentations or special mini-course pertaining to the physiology and pathophysiology of compression and decompression phenomena;
  - attend oral or poster presentations or special mini-course pertaining to the physiologic, pharmacologic, pathologic, and biochemical effects of respirable gases with special emphasis on oxygen, nitrogen, carbon dioxide, and the inert gases, especially in the hyperbaric environment, on different levels of biological organization;
  - attend oral or poster presentations or special mini-course pertaining to the pathophysiology and treatment of toxic and anoxic disorders in which HBO<sub>2</sub> is used either as the primary or as an adjunctive therapeutic modality, with special emphasis on carbon monoxide poisoning;
  - attend oral or poster presentations in which new ideas and data are presented pertaining to new directions of scientific inquiry and/or medical practice with respect to all aspects of high pressure biology;
  - 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;
  - participate in forums or discussions pertaining to technical factors and engineering pertaining to the development and use of equipment for hyperbaric environments;
  - meet some of the past and present 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; and
  - become active in Societal affairs so that they could help influence the Society's future.

### **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, i.e. nursing, allied health sciences, engineering, and health care administration;
- 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;
- 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;
- and, become active in Societal affairs so that they could influence the Society's future.

## **TRAVEL/TRANSPORTATION INFORMATION**

Airport: Tampa International Airport: [www.tampaairport.com](http://www.tampaairport.com)

Airport Code: TPA

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There are variety of ground transportation options between Tampa International Airport and surrounding destinations. Choose from various companies under [public transportation](#), [bus service](#), [rental cars](#), [shared ride](#) and [taxis](#).

Visit website: [http://www.tampaairport.com/ground\\_transportation/index.asp#](http://www.tampaairport.com/ground_transportation/index.asp#)

### **Ground Transportation to...[Pinellas County \(St. Petersburg, Clearwater, Pinellas Park & Beaches\)?](#)**

Depending on mode of travel and current traffic conditions, you should allow at least 30-40 minutes to get to locations in Pinellas County from Tampa International Airport.

- Shared Passenger Van Service
- Super Shuttle provides shared passenger van service to Pinellas County. Visit website above.
- Rental Cars: There are several on and off-airport rental car services to choose from. View the [Rental Car List](#) on the website above.
- Limousine Service: Pre-reserved transportation is provided by a variety of companies. Consult a phone directory for the specific area for contact information.
- Taxi Service: United or Yellow Cab service. No reservations are required. View the Taxi Service List on website listed above.

Airport Limo fares are per person. Discounts are given for additional members of the same party going to the same address and for round trip purchases. See the representative in the Ground Transportation kiosk for details.

Taxicab fares per trip, one or more persons. Actual fares will vary on meter readings based on exact mileage and time to reach the specific destination. See the cab starter on the curb for details.

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### **NEED HELP ARRANGING YOUR AIR TRAVEL... TRY**

TRAVEL AGENT: Josie Fenton

[josie@travelland.net](mailto:josie@travelland.net)

203-929-6000 X 222

email her with your needs, she will send you back a few different itineraries

**Undersea & Hyperbaric Medical Society**  
**2010 Annual Scientific Meeting – Tradewinds Beach Resort – St. Pete Beach, FL**  
**JUNE 3-5**

**Pre-Course: Multidisciplinary Approach to Wound Management: June 2**  
**Pre-Course: How to Prepare for Accreditation: June 2**

**REGISTRATION FORM**

Last Name: \_\_\_\_\_ First: \_\_\_\_\_ MI: \_\_\_\_\_ Suffix: \_\_\_\_\_ Degrees: \_\_\_\_\_

Enter the name that you would like to appear on your name badge: \_\_\_\_\_

Please check one  Home Address  Business Address If using Business Address, please include Organization Name.

Address \_\_\_\_\_

Add2 (if needed) \_\_\_\_\_

Add3 (if needed) \_\_\_\_\_

City/Town \_\_\_\_\_

State/Province \_\_\_\_\_ Daytime # \_\_\_\_\_

Zip/Postal Code \_\_\_\_\_ Fax # \_\_\_\_\_

Country \_\_\_\_\_ Email: \_\_\_\_\_

**Privacy Consent**

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.

**Consent to Use Contact Details**

<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	<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
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SCIENTIFIC MEETING REGISTRATION – June 3-5			
	Before MAY 1	After MAY 1	At the Door
UHMS Member	\$495.00	\$545.00	\$595.00
UHMS Resident/Fellow/Student Member (letter verifying eligibility required)	\$295.00	\$345.00	\$395.00
Non-Member	\$695.00	\$745.00	\$795.00
Non-Member Resident/Fellow/Student (letter verifying student eligibility required)	\$395.00	\$445.00	\$495.00
<b>CONTINUING EDUCATION CREDITS-Scientific Meeting (3 days): June 3-5 (separate fee for pre-course)</b>			
CME Category 1 Certification for Physicians (Optional -Annual Meeting Only)	\$30.00	\$30.00	\$30.00
CHT Credits - (Optional – Annual Meeting Only)	\$15.00	\$15.00	\$15.00
RN/CHRN Credits – (Optional - Annual Meeting Only)	\$15.00	\$15.00	\$15.00
Both RN/CHRN & CHT Credits (Optional - Annual Meeting Only)	\$30.00	\$30.00	\$30.00
<b>PRE-COURSE: JUNE 2</b>			
Multidisciplinary Approach to Wound Management Pre-Course	\$170.00	\$190.00	\$210.00
<b>Pre-Course CONTINUING EDUCATION CREDITS- (1 day): June 2 (separate fee for Scientific Meeting)</b>			
CME Category 1 Certification for Physicians (Optional –Pre-Course Only)	\$30.00	\$30.00	\$30.00
CHT Credits - (Optional – Pre-Course Only)	\$15.00	\$15.00	\$15.00
RN/CHRN Credits – (Optional – Pre-Course Only)	\$15.00	\$15.00	\$15.00
Both RN/CHRN & CHT Credits (Optional – Pre-Course Only)	\$30.00	\$30.00	\$30.00
<b>SOCIAL FUNCTIONS (Meeting attendees)</b>			
Yes – I will be attending the Welcome Reception– June 2; 6 pm	\$0	\$0	\$0
Awards Banquet – 1 ticket to the Awards Reception and Banquet – June 5	\$60.00	\$70.00	\$80.00
CHT/CHRN Study Hall: June 4, 3-5pm (please mark if you will be attending) – Exam will be at 5:30pm you must register for Exam through the NBDHMT (separate fee required)– call 504-328-8871.	\$0	\$0	\$0

Name: \_\_\_\_\_

**ACCOMPANYING PERSONS REGISTRATION (does not include admittance into scientific sessions)**

Please list names of your Accompanying Persons: <u>COST IS PER PERSON</u>	Per person	Per person	Per person
<b>Welcome Reception – Includes 1 Ticket -- Per Person</b>	<b>\$45.00</b>	<b>\$50.00</b>	<b>\$55.00</b>
AP Welcome Reception: # of Tickets needed: _____			
<b>Banquet – Includes 1 Ticket -- Per Person</b>	<b>\$60.00</b>	<b>\$65.00</b>	<b>\$70.00</b>
AP Banquet: # of Tickets needed: _____			
<b>Basic Package: Includes 1 ticket for Welcome Reception &amp; 1 ticket for Banquet -- Per Person</b>	<b>\$100.00</b>	<b>\$105.00</b>	<b>\$110.00</b>
AP Basic Package: # of Tickets needed: _____			
<b>Special Deal Package: Includes 1 ticket for Welcome Reception, 1 ticket for Banquet, 1 ticket for Tour 1 &amp; 1 ticket for Tour 2 -- Per Person</b>			
AP Special Deal Package: # of Tickets needed: _____			
<b>Tour Package: Includes 1 ticket for Tour 1 and 1 ticket for Tour 2 – Per Person</b>			
AP Tour Package: # of Tickets needed: _____			
AP Tour 1: # of Tickets needed: _____			
AP Tour 2: # of Tickets needed: _____			
<b>TOTAL \$\$ AMOUNT OF ALL THINGS CHECKED ABOVE</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>

"\$100.00 administrative fee will be held on all cancellations before start date of meeting.  
NO REFUNDS AFTER START DATE OF MEETING."

\*\*\*ALL \$\$ are USD\*\*\*

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TOTAL AMOUNT ENCLOSED OR TO BE CHARGED: \$ \_\_\_\_\_

**PAYMENT INFORMATION**

Check/Money Order enclosed (Must be made payable to UHMS and be **USD only**)

Visa     Master Card     American Express     Diners

Card Number \_\_\_\_\_    Expiration Date \_\_\_\_\_    \*Security Card Code \_\_\_\_\_

Name on Card \_\_\_\_\_    Billing Zip Code \_\_\_\_\_

Card holders Signature \_\_\_\_\_

\*The Security Code appears on your physical credit card.

**We gladly accept the following cards:**



Amex: 4 digits



Visa or MasterCard: 3 digits

**MAIL WITH PAYMENT TO:**

**UHMS**

**21 West Colony Place, Suite 280**

**Durham, NC 27705**

**FAX TO: 919-490-5149**

**If you have any questions, please contact UHMS at 877-533-UHMS/919-490-5140**

**EMAIL: [uhms@uhms.org](mailto:uhms@uhms.org); Website: [www.uhms.org](http://www.uhms.org); Register Online at: [www.regonline.com/ASM10](http://www.regonline.com/ASM10)**