



West Virginia University  
ROBERT C. BYRD HEALTH SCIENCES CENTER  
OFFICE OF CONTINUING EDUCATION

# Appalachian Wilderness Medicine Conference

West Virginia University School of Medicine  
Department of Emergency Medicine

**August 11 – 13, 2006**

Canaan Valley Resort & Conference Center, Davis, WV

[www.ce.wvu.edu](http://www.ce.wvu.edu)

[www.hsc.wvu.edu/som/em/Wilderness.asp](http://www.hsc.wvu.edu/som/em/Wilderness.asp)

# PROGRAM

## Friday, August 11, 2006

- 7:00 a.m. Registration and Exhibit Visitation
- 8:00 a.m. **Welcome/Opening Remarks**  
*Jack F. Ditty, MD*
- 8:15 a.m. **Near Drowning**  
*Frederick C. Blum, MD, FACEP, FAAP*
- 9:00 a.m. **Eastern Envenomations**  
*William D. Rose, MD, FACEP*
- 9:45 a.m. Break
- 10:00 a.m. **Wild Kids: Pediatric Wilderness Medicine**  
*Christopher Van Tilburg, MD*
- 10:45 a.m. **Lightning Injuries**  
*Frederick C. Blum, MD, FACEP, FAAP*
- 11:30 a.m. Exhibit Visitation
- 12:00 p.m. Lunch
- 1:00 p.m. **Cave Rescue and Field Treatment of Hypothermia**  
*Carl L. Werntz III, DO, MPH, FACOEM*
- 2:00 p.m. **Swiftwater Rescue**  
*Charlie Walbridge, BS*
- 3:00 p.m. Adjourn – Dinner on own

## Saturday, August 12, 2006

- 7:00 a.m. Registration and Exhibit Visitation
- 8:00 a.m. **Opening Remarks**
- 8:15 a.m. **Death in the Wilderness**  
*Jack F. Ditty, MD*
- 9:00 a.m. **Jungle Travel and Survival**  
*John Walden, MD, DTM&H*
- 9:45 a.m. Break
- 10:00 a.m. **Mountain Biking Injuries and Orthopedics**  
*David Hubbard, MD*

- 10:45 a.m. **Poisonous Plants**  
*Edward J. Otten, MD, FAXMT*
- 11:30 a.m. Exhibit Visitation
- 12:00 p.m. Lunch
- 1:00 p.m. **Workshops**
- a) **Swiftwater Rescue**  
*Charlie Walbridge, BS and Eric Nies, MD*
- b) **Cave Rescue**  
*Carl L. Werntz III, DO, MPH, FACOEM and Douglas Moore, BS*
- c) **Splinting, Immobilization, and Litters**  
*Steven D. McDonald, AS, NREMT-P*
- 4:00 p.m. Adjourn
- 7:00 p.m. Dinner Buffet  
**Stephen C. Rector Memorial Lectureship in Emergency Medicine: Disaster Medicine, the Tsunami Experience**  
*Eric Nies, MD*

## Sunday, August 13, 2006

- 7:00 a.m. Registration and Exhibit Visitation
- 8:00 a.m. Opening Remarks
- 8:15 a.m. **Medical Kits for Work and Play Outdoors**  
*Christopher Van Tilburg, MD*
- 9:00 a.m. **Hunting Injuries**  
*Edward J. Otten, MD, FAXMT*
- 9:45 a.m. Break
- 10:00 a.m. **ATV Injuries**  
*William D. Rose, MD, FACEP*
- 10:45 a.m. **Appalachian Infectious Diseases**  
*John Guilfoose, MD*
- 11:30 a.m. Adjourn

## Course Description

Injuries and illness in the Appalachian region are often managed far from healthcare facilities. The concepts of wilderness medicine are ideally suited for this type of environment. The goal of this conference is to teach the concepts of wilderness medicine and the management of

environmental illness and injury to healthcare providers, EMS personnel, and interested laypersons. This course will include lecture presentations and practical skills workshops on Swiftwater Rescue, Cave Rescue, and Splinting, Immobilization, and Litters. We will make every effort to assign you to one of the first two workshops of your choice.

# COURSE INFORMATION

## Course Objectives

At the conclusion of this course, participants should be able to:

- better understand and apply the basic concepts of wilderness medicine
- better understand the management of environmental illness and injury
- identify accepted techniques for field treatment of various medical conditions and injuries in the wilderness setting
- recognize medical illnesses and injuries unique to the Appalachian region
- utilize the resources available to assist in wilderness rescue in the Appalachian region
- be more familiar with specialized rescue techniques for swiftwater rescue and cave rescue scenarios
- better apply splints and immobilize trauma patients for transport to a medical facility
- better understand basic concepts of disaster medicine and travel medicine

## Lodging

This conference will be held at Canaan Valley Resort & Conference Center, a State Park located in Davis, WV. Resort reservations can be made by calling (304) 866-4121. Please refer to **West Virginia University Emergency Medicine meeting** room block when making room arrangements for this meeting. Reservations must be made by **July 16, 2006**. Lodging is also available at Blackwater Falls State Park Lodge, Best Western Inn of Davis, and other sites in Canaan Valley. Refer to [www.wvtourism.com](http://www.wvtourism.com) for more information. Camping is available at both state parks.

## Directions

Canaan Valley is approximately three hours driving time from Pittsburgh International Airport.

**From North:** I-68 to 219 South. 219 South to Thomas, WV. In Thomas, take Rt. 32 South to Canaan Valley.

**From South:** I-77 North of Beckley. US Rt. 19 North to I-79. I-79 North to Weston. East on Rt. 33 to Harman. In Harman take Rt. 32 North to Canaan Valley.


**From East:** Rt. 66 West to I-81 South. I-81 South to 55 West at Strasburg. Follow Rt. 55 West to Harman, WV. In Harman Take Rt. 32 North to Canaan Valley.

**From West:** Rt. 50 East to Clarksburg. South on I-79 to Weston. East on Rt. 33 to Harman. In Harman take Rt. 32 North to Canaan Valley.

## Course Credit

The West Virginia University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. The WVU Office of CME designates this educational activity for a maximum of 15 category 1 credits toward the AMA Physician's Recognition Award. Each physician should claim only those credits that he/she actually spent in the activity.

This continuing education activity has been provided by the West Virginia University School of Nursing for 18 contact hours. The West Virginia University School of Nursing is an approved provider of continuing education by the State of West Virginia Board of Examiners for Registered Professional Nurses, Legislature Rule §19CSR11-4 under provider number WV1996-0120RN.

 The WVU School of Dentistry is an ADA CERP Recognized Provider, an approved Academy of General Dentistry (AGD) Program Approval for Continuing Education (PACE) Program Provider (FAGD/MAGD Approved 11/1/05 – 12/31/09), and an Association for Continuing Dental Education (ACDE) Approved Provider. This program is approved for 15 CE credit hours.

The WVU School of Dentistry has an obligation to disseminate new knowledge related to dental practice. In doing so, some presentations may include controversial material or commercial references. Sponsorship of a dental continuing education course by the School of Dentistry does not necessarily imply endorsement of a particular philosophy, procedure or product by this institution. Continuing Education courses do not necessarily reflect the philosophies of the School of Dentistry pre-doctoral or post-doctoral education programs. Participants are cautioned about the potential risks of using limited knowledge when incorporating new techniques and procedures into their practices.

Application for CME credit has been filed with the American Academy of Family Physicians. **Determination of credit is pending.**

A request for CME credit has been submitted to the West Virginia Office of EMS.

Application has been made to the American College of Emergency Physicians for ACEP Category 1 Credit.

# PRESENTERS

## **Frederick C. Blum, MD, FACEP, FAAP**

*Associate Professor*  
Department of Emergency Medicine  
WVU School of Medicine  
Morgantown, WV

## **Jack F. Ditty, MD\***

*Assistant Professor*  
Department of Emergency Medicine  
WVU School of Medicine  
Morgantown, WV

## **John Guilfoose, MD**

*Fellow*  
Department of Infectious Diseases  
WVU School of Medicine  
Morgantown, WV

## **David Hubbard, MD**

*Associate Professor*  
*Chief, Orthopaedic Trauma*  
Department of Orthopaedic Surgery  
WVU School of Medicine  
Morgantown, WV

## **Steven D. McDonald, AS, NREMT-P**

*Injury Prevention Program Coordinator*  
Center for Rural Emergency Medicine  
WVU School of Medicine  
Morgantown, WV

## **Douglas Moore, BS**

*Owner*  
Karst Sports  
*Instructor*  
National Cave Rescue Commission  
*Operations Officer*  
Mountaineer Area Rescue Group  
Morgantown, WV

## **Eric Nies, MD**

*Safety Chair*  
American Whitewater  
*Physician*  
Albany Memorial Hospital  
Albany, NY

## **Edward J. Otten, MD, FAXMT**

*Professor*  
Departments of Emergency Medicine and  
Pediatrics  
*Director*  
Division of Toxicology  
University of Cincinnati College of Medicine  
Cincinnati, OH

## **William D. Rose, MD, FACEP**

*Director*  
Emergency Medicine Residency  
Department of Emergency Medicine  
WVU School of Medicine  
Morgantown, WV

## **Christopher Van Tilburg, MD**

*Editor*  
Wilderness Medicine  
*Board Member*  
Wilderness Medical Society  
*Medical Committee Member*  
Mountain Rescue Association  
Hood River, OR

## **Charlie Walbridge, BS**

*Safety Committee*  
American Canoe Association and American  
Whitewater  
Bruceston Mills, WV

## **John Walden, MD, DTM&H**

*Professor and Associate Dean*  
Department of Family and Community Health  
Marshal University Joan C. Edwards School  
of Medicine  
Huntington, WV

## **Carl L. Wertz III, DO, MPH, FACOEM**

*Assistant Residency Director*  
*Assistant Clinical Professor*  
Department of Community Medicine  
WVU School of Medicine  
Morgantown, WV

## **PLANNING COMMITTEE**

Ann S. Chinnis, MD, FACEP  
Jack Ditty, MD\*  
Jaime Long  
Michael L. Wuchner

\*Activity Director

## Registration

To join us for the **Appalachian Wilderness Medicine Conference**, please complete the attached registration form and return it by **July 28, 2006**, to the WVU Office of CE along with your payment (checks made payable to **West Virginia University**, Visa, MasterCard, Discover, American Express or Diners Club). Registrations received by July 28, 2006, will be confirmed in writing.

## Additional Information

For more information on this conference please visit [www.hsc.wvu.edu/som/em/Wilderness.asp](http://www.hsc.wvu.edu/som/em/Wilderness.asp).

For information on other upcoming CE conferences, contact the Office of CE at (304) 293-3937, visit our web site at [www.ce.wvu.edu](http://www.ce.wvu.edu) or e-mail us at [ce@wvu.edu](mailto:ce@wvu.edu). In case of emergency during the conference, please call (304) 866-4121.

## Cancellations

**Important:** If you are unable to attend the conference after you have registered, you must notify us in writing by July 28, 2006 to receive a refund. No refunds for conference fees will be made after July 28, 2006. **A \$35 fee will be charged for all cancelled registrations.**

We reserve the right to cancel individual sessions or the entire conference. In the event of a conference cancellation, a full tuition refund will be made.

## Special Thanks

Special thanks to our exhibitors for their support of this conference.

# REGISTRATION

Appalachian Wilderness Medicine Conference • August 11 – 13, 2006

Registration is requested by July 28, 2006 *(Please print or type; photocopy for additional registrants)*

Name: \_\_\_\_\_  
(as it should appear on your certificate, nametag and participant roster) Degree (MD, PhD, etc.) \_\_\_\_\_

Firm: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ County: \_\_\_\_\_

SS# (optional): \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Date of Birth: \_\_\_\_\_ E-mail: \_\_\_\_\_

Home Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_

Specialty: \_\_\_\_\_ Subspecialty: \_\_\_\_\_

Course Fees*	Before July 28	After July 28	Total
Physicians	\$395	\$445	\$ _____
Others	\$225	\$275	\$ _____
WVU RCB Full Time Faculty	\$335	\$385	\$ _____

Will you be attending the Saturday Dinner?

Yes  No

Please number your workshop preference from one to three (one being your top choice). We will make every effort to assign you to one the first two workshops of your choice. Each workshop is limited on attendance.

- \_\_\_\_\_ a) Swiftwater Rescue  
\_\_\_\_\_ b) Cave Rescue  
\_\_\_\_\_ c) Splinting, Immobilization, and Litters

TOTAL ENCLOSED \$ \_\_\_\_\_

\*Course fees include conference materials, coffee breaks, lunch, Saturday dinner, and continuing education credits.

Check made payable to West Virginia University

Payment:  Visa  MasterCard  Diners Club  Discover  Am. Exp.  
 Check made payable to West Virginia University

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

Cardholder Billing Address: \_\_\_\_\_

Card Number: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

Authorization Signature: \_\_\_\_\_ CVV code: \_\_\_\_\_

*(The CVV code appears as three or four digit number printed on the reverse side of the card on the signature panel following the account number)*

Please check here if you do NOT want your name included on the participant roster.

Mail payment with this form to:

West Virginia University  
c/o HSC Office of Continuing Education  
5302 Health Sciences South  
P.O. Box 9080 - AW  
Morgantown, WV 26506-9080  
Or fax to (304) 293-8652

Special Requirements

If you have dietary restrictions, or need special assistance, please specify:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

How do you prefer to receive future notices of upcoming events?

- Address listed above  
 E-mail listed above  
 Other: \_\_\_\_\_

West Virginia University is an Equal Opportunity/Affirmative Action Institution. The University does not discriminate on the basis of race, sex, age, disability, veteran status, religion, sexual orientation, color or national origin. Inquiries may be directed to the Executive Officer for Social Justice, 105 Stewart Hall, Office of the President, (304) 293-5496.



**West Virginia University**

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