



2019 MOUNTAIN EMERGENCY MEDICINE CONFERENCE

March 21 - 23, 2019
Taos Ski Valley, New Mexico

Presented by:



SCHOOL OF MEDICINE
INTERNATIONAL MOUNTAIN MEDICINE CENTER



**TAOS SKI VALLEY
FOUNDATION**



Register online at <https://som.unm.edu/education/cme/2019/mountain-emergency-med-conf.html>
or call 505-272-3942

2019 Mountain Emergency Medicine Conference Schedule

Day 1: Thursday, March 21, 2019

8:00—9:00 am	Welcome & Registration
9:00—9:30 am	Introduction to International Mountain Medicine - <i>Jason Williams</i>
9:30—10:00 am	Five Best Research Papers from the International Society of Mountain Medicine World Congress - <i>Dr. Darryl Macias</i>
10:00—10:30 am	Avalanche Rescue - Updates from the International Commission for Alpine Rescue - <i>Dr. Aaron Reilly</i>
10:30—10:45 am	Coffee Break
10:45—11:35 am	Wilderness EMS & Medical Direction Case Series - <i>Dr. Jenna White</i>
11:35 am—12:00 pm	MacGyver in the Mountains - <i>Dr. Jake Jensen</i>
12:00—1:00 pm	Lunch on Your Own
1:00—1:30 pm	Pain Control in the Austere Environment - <i>Dr. Doug Dixon</i>
1:30—2:20 pm	Hypothermia Treatment - From Bubble Wrap to ECMO - <i>Dr. Aaron Reilly</i>
2:20—2:35 pm	Break to Move to Lab Sessions
2:35—5:00 pm	LAB A Rotation: Trauma, Airway, & Improvisation Lab
	LAB B Rotation: Survival in the Mountains
	LAB C Rotation: Mountain Travel Skills & Medical Kits

Day 2: Friday, March 22, 2019

8:00—8:30 am	Alpine Sports Medicine - Rock & Ice Climbing Injury Patterns - <i>Dr. Darryl Macias</i>
8:30—9:20 am	Adaptation to Altitude in Sherpa and Andean People - <i>Dr. Joe Alcock</i>
9:20—9:35 am	Coffee Break
9:35—10:05 am	Prevention of Acute Mountain Sickness - <i>Dr. Quigley Peterson</i>
10:05—10:35 am	Need to Know Pharmacology for High Altitude Illness - <i>Dr. Jake Jensen</i>
10:35—11:05 am	Case Reports from Taos Ski Valley - <i>Dr. Quigley Peterson & Carl Gilmore</i>
11:05 am—12:00 pm	Stump the Chump - Altitude Illness Panel Discussion



OPTIONAL Afternoon Workshops or Afternoon Off

1:00—4:30 pm

Backcountry Ultrasound Workshop (Limited to 20 Participants) \$50 per participant - Dr. Jenna White & Faculty

Patient Packaging and Movement in Summer & Winter Terrain (Limited to 20 Participants) \$50 per participant - Carl Gilmore & Faculty

Technical Mountain Rescue & Climbing Self Rescue Workshop (Limited to 20 Participants) \$50 per participant - Trevor Mayschak

Après Ski Presentation

5:30—6:30 pm

Mountain Medicine in the Kumbu - Training Sherpa Climbers - Dr. Darryl Macias & Dr. Jake Jensen

Day 3: Saturday, March 23, 2019

8:00—8:50 am

Air Medical Considerations in Mountain Emergency Medicine - Merrill Tydings

8:50—9:40 am

Backcountry Airway Management - Dr. Doug Dixon & Dr. Darren Braude

9:40—9:55 am

Coffee Break

9:55—10:25 am

Large Animal Attacks - Lessons from Yellowstone National Park - Dr. Steve McLaughlin

10:25—11:05 am

Five Medications for Your Medical Kit - Dr. Darren Braude

11:05—11:55 am

Bernalillo County & UNM Air Rescue Project - Larry Koren & David Lujan

12:00—1:00 pm

Lunch on Your Own

1:00—1:45 pm

Helicopter Rescue Demonstration (weather dependent) - Larry Koren & David Lujan

1:45—2:15 pm

Emerging Tech in Search & Rescue - Dr. Steve McLaughlin

2:15—3:15 pm

You Drank How Much Water...? Research Lessons from the Grand Canyon - Dr. Jon Femling

3:15—3:55 pm

Influence of Climate Change to Mountain Rescue Operations - Jason Williams

3:55—4:10 pm

Break

4:10—4:45 pm

Accidents & Epidemiology from the World's Highest Mountains - Angela Martz

4:45—5:00 pm

Closing Remarks - Jason Williams

Accreditation Statement

The University of New Mexico School of Medicine, Office of Continuing Medical Education is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. The Office of Continuing Medical Education designates each live activity for the number of *AMA PRA Category 1 Credit(s)*[™] listed below. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Conference: a maximum of 16.75 *AMA PRA Category 1 Credit(s)*[™]

Optional Workshops/Après Ski Presentation: a maximum of 4.5 *AMA PRA Category 1 Credit(s)*[™]



Continuing Education credit for EMT's has been requested from the New Mexico EMS Bureau.



Lodging

The conference will be held at Taos Ski Valley, New Mexico in the heart of the Sangre de Cristo Mountains. With a base elevation of 9,321 feet and a summit elevation of 13,159 feet, Taos Ski Valley offers participants access to wilderness terrain and facilities that mimic high altitude mountain medical environments worldwide as well as the facilities of a modern world class lift served downhill ski area. This unique mountain town offers a wide variety of lodging and dining amenities.

A block of rooms at the luxurious, slope side Blake Hotel has been reserved for conference participants for the nights of March 20-22, 2019. Rates start at \$216 per night (taxes and other fees not included). You must mention **“UNM Mountain Emergency Medicine Conference”** to receive this rate. After **February 1, 2019**, this rate and accommodations may no longer be available. The University of New Mexico accepts no further responsibility for lodging.

To make room reservations, participants should contact the hotel directly:

The Blake at Taos Ski Valley
116 Sutton Pl.
Taos Ski Valley, NM 87525
(888) 569-1756



Conference Registration Rates

	Early Bird Before 2/28/19	Regular 3/1/19-3/17/19	Onsite 3/18/19-3/21/19
Physicians	\$550.00	\$590.00	\$615.00
Non-Physicians	\$450.00	\$490.00	\$515.00
Resident	\$300.00	\$340.00	\$365.00
Student (medical, nursing, EMS & paramedic)	\$200.00	\$240.00	\$264.00

OPTIONAL Workshop Rates

(workshops limited to 20 people per workshop)

	Early Bird Before 2/28/19	Regular 3/1/19-3/17/19	Onsite 3/18/19-3/21/19
Backcountry Ultrasound	\$50.00	\$125.00	\$125.00
Patient Packaging and Movement in Summer & Winter Terrain	\$50.00	\$125.00	\$125.00
Technical Mountain Rescue & Climbing Self Rescue	\$50.00	\$125.00	\$125.00

Scholarships Available!

Please contact us for information! HSC-IMMC@salud.unm.edu

Cancellation

Minimum and maximum numbers have been established for this course. Continuing Medical Education & Professional Development must receive written notification of your cancellation by **March 1, 2019**. A \$40.00 processing fee will be deducted from refund requests received by this date. No refunds will be issued following March 1, 2019. Continuing Medical Education & Professional Development reserves the right to cancel this course twenty (20) days prior to the course date when a minimum enrollment is not met or for other reasons that prevent the University from holding the course. Each registrant will be notified by telephone followed by written notification and a full refund. The University of New Mexico is not responsible for any other costs incurred such as non-refundable airline tickets or hotel penalties.





DIPLOMA in MOUNTAIN MEDICINE **RECERTIFICATION COURSE IN CONJUNCTION** **WITH THE CONFERENCE!**

CONTACT HSC-IMMC@SALUD.UNM.EDU
FOR MORE INFORMATION

Tuition Remission

All eligible UNM Faculty and Staff may enroll using a tuition remission form to cover tuition costs. Properly completed tuition remissions must accompany the registration form below. Proper completion includes all required signatures. No refund or credit will be issued for non-attendance. The online UNM Tuition Remission Form may be accessed at: <https://hr.unm.edu/benefits/tuition-remission>.

Objectives

This conference is intended for physicians, nurse practitioners, paramedics, physician assistants, nurses and related health care professionals.

- Demonstration of key clinical skills and communication strategies in mountain emergencies.
- Describe the dangers and challenges of the mountain environment and how to survive as a rescuer with limited resources.
- Demonstration of evidence-based management of altitude and environmental injuries.
- The integration of new technologies and medical tests into clinical practice related to mountain emergency medicine.
- Identifying and addressing challenges in prevention, recognition and treatment of common travel illnesses
- Explain the importance of basic mountain rescue and improvisational medicine techniques.

Program Committee

Course Director

Jason Williams, BS, NRP, DiMM

UNM Department of Emergency Medicine
International Mountain Medicine Center
Albuquerque, NM

Douglas Dixon, MD, DiMM

Assistant Professor of Emergency Medicine
Medical Director Taos County EMS
Medical Director Angel Fire Department
UNM Department of Emergency Medicine
International Mountain Medicine Center
Albuquerque, NM

Carl Gilmore, WEMT-I, M-I/C

UNM Department of Emergency Medicine
International Mountain Medicine Center
Taos, NM

Jacob Jensen DO, DiMM

Assistant Professor of Emergency Medicine
UNM Department of Emergency Medicine
International Mountain Medicine Center
Albuquerque, NM

Quigley Peterson, MD

Medical Director
Mogul Medical
Taos Ski Valley, NM

Merril Tydings, BSN, RN

Flight Nurse
Taos, NM

Jenna White, MD, DiMM

Associate Professor of Emergency Medicine
Medical Director Cibola Search & Rescue
UNM Department of Emergency Medicine
International Mountain Medicine Center
Albuquerque, NM

Additional Conference Speakers

Joe Alcock, MD, MS

Associate Professor of Emergency Medicine
UNM Department of Emergency Medicine
Albuquerque, NM

Darren Braude, MD, EMT-P

Chief, Division of Prehospital, Austere & Disaster Medicine
The Tim Fleming Professor of EMS
Professor of Emergency Medicine and Anesthesiology
UNM Department of Emergency Medicine
International Mountain Medicine Center
Albuquerque, NM

Jon Femling MD, PhD, DiMM

Assistant Professor of Emergency Medicine
UNM Department of Emergency Medicine
International Mountain Medicine Center
Albuquerque, NM

Larry Koren, MCJ, EMT

Undersheriff, Helicopter Pilot
Bernalillo County Sheriff's Office

David Lujan, BS, NRP

Lieutenant Paramedic
Rescue Specialist – Bernalillo County Air Support Unit
Bernalillo County Fire & Rescue Department

Darryl Macias, MD, DiMM

Professor of Emergency Medicine
Program Director, Wilderness Medicine Fellowship
UNM Department of Emergency Medicine
International Mountain Medicine Center
Albuquerque, NM

Angela Martz PA-C, MSPAS, DiMM

Senior Faculty Lecturer of Emergency Medicine
UNM Department of Emergency Medicine
International Mountain Medicine Center
Albuquerque, NM

Trevor Mayschak, BS, NRP, DiMM

Faculty Lecturer of Emergency Medicine
UNM Department of Emergency Medicine
International Mountain Medicine Center
Albuquerque, NM

Steve McLaughlin, MD, DiMM

Regents Professor and Chair of Emergency Medicine
UNM Department of Emergency Medicine
International Mountain Medicine Center
Albuquerque, NM

Aaron Reilly, DO, DiMM

Assistant Professor of Emergency Medicine
Program Director, Wilderness Medicine Elective
Medical Director, Trans-Pecos Ultramarathon
UNM Department of Emergency Medicine
International Mountain Medicine Center
Albuquerque, NM

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Register online at

<https://som.unm.edu/education/cme/2019/mountain-emergency-med-conf.html>



Registration Form

Name: _____ Specialty: _____

Title (please circle): MD DO RN NP PA Paramedic Other: _____

Street Address: _____

City: _____ State: _____ Zip: _____

Daytime Phone: _____ Fax: _____

Email: _____

Conference Registration Rates (please mark your selection)

	Early Bird <i>Before 2/28/19</i>	Regular <i>3/1/19-3/17/19</i>	Onsite <i>3/18/19-3/21/19</i>
_____ Physicians	\$550.00	\$590.00	\$615.00
_____ Physicians paying with Tuition Remission	\$540.00	\$580.00	\$605.00
_____ Non-Physicians	\$450.00	\$490.00	\$515.00
_____ Non-Physicians paying with Tuition Remission	\$440.00	\$480.00	\$505.00
_____ Resident	\$300.00	\$340.00	\$365.00
_____ Student (medical, nursing, EMS/EMT)	\$200.00	\$240.00	\$265.00

OPTIONAL Workshop Registration Rates (please mark your selection)

	Early Bird <i>Before 2/28/19</i>	Regular <i>3/1/19-3/17/19</i>	Onsite <i>3/18/19-3/21/19</i>
_____ Backcountry Ultrasound	\$50.00	\$125.00	\$125.00
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(**Online registration not available for Tuition Remission. Tuition Remissions must be mailed, faxed or delivered with signatures and registration form.)

Payment

_____ Check _____ Cash _____ UNM Tuition Remission

_____ To pay by credit card, visit the conference website on the UNM CME website: <https://som.unm.edu/education/cme/2019/mountain-emergency-med-conf.html>

Make check payable to the UNM CME and mail it along with this form to: The University of New Mexico, Continuing Medical Education & Professional Development, MSC09 5370, 1 University of New Mexico, Albuquerque, New Mexico 87131-0001. UNM CME no longer accepts POs or faxed registrations with credit card information.