



LTC William 'Will' R. Smith MD, Paramedic, FAWM

President, Medical Director
Wilderness & Emergency Medicine Consulting (WEMC), LLC

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Lieutenant Colonel (LTC), Medical Corps (62A – Emergency Medicine)
United States Army Reserve
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Education

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|-------------|--|
| 2001 – 2004 | Medical College of Wisconsin
Emergency Medicine Residency, Milwaukee, WI |
| 1997 - 2001 | University of Washington School of Medicine , Seattle, WA
Doctor of Medicine (MD) |
| 1996 - 1997 | C.A.P.E. (Colorado Association of Paramedic Education)
Paramedic Program, Denver, CO – NREMT-Paramedic |
| 1991 - 1995 | University of Wyoming , Laramie, WY
Bachelor of Science, Molecular Biology/Pre-Medicine |

Current Certifications: Board Certified in Emergency Medicine (ABEM), Board Eligible EMS Sub-Specialty (ABEM-EMS), Fellow of the American College of Emergency Physicians (FACEP), Fellow American Academy of Emergency Medicine (FAAEM), Fellow of the Academy of Wilderness Medicine (FAWM), ACLS Provider/Instructor, PALS Provider/Instructor, ATLS Provider/Instructor, BLS, National Registry of EMT - Paramedic, Wyoming Medical license and WY DEA license, Wisconsin Medical License, Pennsylvania Medical License, Federal DEA license, National Proboard Certification – Fire Fighter 1, Incident Qualification Card (Wildland Firefighter Red Card), NIMS Incident Command System Certifications: 100, 200, 300, 400, 700.

Employment

- 2004 – Current **Emergency Department Physician, Senior Partner**
St. John’s Medical Center, Jackson, WY
Chair, Quality Performance Monitoring Committee
Resident/Student Elective Co-Coordinator
Past Chair, Emergency Services Committee
- 2001 – Current **United States Army Reserve – US Army Medical Command HQ/OTSG**
G34 Disaster Medicine Branch Chief - San Antonio, TX
Lieutenant Colonel (LTC) - Medical Corps: (62A) Emergency Medicine
Deployments/Missions:
2005Dec-2006Mar, **Iraq** Abu Ghraib, Combat Support Hospital, EMT Section
2007Oct-2007Nov, **Egypt** Bright Star, Medical Aid Station
2008Oct-2009Jan, **Iraq** Al Asad, Ibn Sina/Baghdad ER, Combat Support Hospital
2009Sep, **El Salvador** Medical (MedRete) Mission
2010Apr, **Panama** Medical (MedRete) Mission
2011Jun, **Croatia** Immediate Response, Medical Aid Station OIC
2014Apr-Aug, **Kuwait** US Military Hospital- Kuwait (USMH-K), EMT Section
- 1990-2002 **Prehospital EMS (Ambulance) – Lead EMT/Paramedic**
Eastern Wyoming Ambulance, Wheatland, WY
- 1998-2000 Teton County EMS, Jackson, WY
- 1996-2001 American Medical Response, Cheyenne, WY / Tacoma, WA
- 1993 - 1998 **Emergency Department Technician**
Iverson Memorial Hospital, Laramie, WY
- 1991 - 1997 **Hill Chief/Assistant Patrol Director**, Ski Patrol
Snowy Range Ski Area, Laramie, WY

Prehospital EMS Activities**Medical Director**

Rustic Pathways	(2016-present)
Life Flight Network – Wyoming Operations	(2015-2016)
AirMed International – Wyoming Operations	(2014-present)
Bighorn Canyon National Recreation Area (BICA)	(2013-present)
Jackson Hole Outdoor Leadership Institute	(2013-present)
Bridger Teton National Forest, USDA	(2011-present)
Yosemite National Park, Interim	(2011)
Southeast Arizona National Park Group (SEAZ)	(2008-present)
Jackson Hole Fire/EMS, Jackson Hole, WY	(2007- present)
National Park Service-WASO, Washington, DC	(2006-present)
Grand Teton National Park, Jackson Hole, WY	(2005-present)
Teton County Search and Rescue, Jackson Hole, WY	(2004-present)

Professional**Clinical Faculty Appointments**

Stanford Wilderness Medicine Fellowship	(2006 – Present)
Department of Emergency Medicine Stanford School of Medicine, Palo Alto, CA	
University of Washington School of Medicine - WWAMI	(2004 – Present)
Division of Emergency Medicine, Seattle, WA	

Medical Journal Peer Review

Journal of Military Medicine	(2010 – Present)
Journal of High Altitude Medicine & Biology	(2010 – Present)
Journal of Prehospital Emergency Care	(2010 – Present)
Journal of Wilderness & Environmental Medicine	(2008 – Present)

National Committee Appointments

American Heart Association	(2008 – 2011; 2014 – 2016)
First Aid Writing Group	(2015 AHA Guidelines)
First Aid Subcommittee member	(2010 AHA Guidelines)

American Heart Association/American Red Cross	(2007 – 2010)
International First Aid Science Advisory Board	
Member, NAEMSP representative. Developing international recommendations for 2010 ECC/First Aid guidelines.	

Publications*Peer Reviewed Articles:*

Montopoli M, Montopoli G, **Smith W**, Montopoli D. Neonatal Percentile Curves: A multivariate Normal Probability Density Approach to Identifying High-Risk Neonates. *Journal of the American Medical Association*. Manuscript submitted 2017.

Millin M, Johnson D, Schimelpfenig T, Conover K, Sholl M, Alter R, **Smith W**, Symonds J, Taillac P, Hawkins S. Medical Oversight, Educational Core Content and Proposed Scopes of Practice of Wilderness EMS Providers – A Joint Project Developed by Wilderness EMS Educators, Medical Directors, and Regulators Using a Delphi Approach. *Prehospital Emergency Care*. 2017 Accepted for publication.

Smith W. Integration of Tactical EMS in the National Park Service. *Wilderness & Environmental Medicine*. 2017;28:S146-153.

Lane JP, Taylor B, **Smith WR**, Wheeler AR. Emergency Medical Service in the US National Park Service: A Characterization and Two Year Review, 2012-2013. *Wilderness & Environmental Medicine*. 2015;26:531-535.

Singletary EM, Charlton NP, Epstein JL, Ferguson JD, Jensen JL, MacPherson AI, Pellegrino JL, **Smith WR**, Swain JM, Lojero-Wheatley LF, Zideman DA. Part 15: first aid: 2015 American Heart Association and American Red Cross Guidelines Update for First Aid. *Circulation*. 2015;132(suppl 2):S574–S589.

Ng P, **Smith W**, Wheeler A, McIntosh S. Advanced Safety Equipment in Backcountry Users: Current Trends and Perceptions. *Wilderness & Environmental Medicine*. 2015;26:417-421.

Beasley H, Ng P, Wheeler A, **Smith W**, McIntosh S. The Impact of Freeze-Thaw Cycles on Epinephrine. *Wilderness & Environmental Medicine*. 2015;26:94-97.

Millin M, Hawkins S, Demond A, Stiller G, McGinnis H, Baker-Rogers J, **Smith W**. Wilderness Emergency Medical Director Course – Development of Core Content Using a Delphi Approach. *Wilderness & Environmental Medicine*. 2015;26:255-260.

Davis C, Engeln A, Johnson E, McIntosh S, Zafren K, Islas A, McStay C, **Smith W**, Cushing T. Wilderness Medical Society Practice Guidelines for the Prevention and Treatment of Lightning Injuries: 2014 update. *Wilderness and Environmental Medicine*. 2014;25:S86-95.

Russell K, Scaife C, Weber D, Windsor J, Wheeler A, **Smith W**, Wedmore I, McIntosh S, Lieberman J. Wilderness Medical Society Practice Guidelines for the Treatment of Acute Pain in Remote Environments: 2014 Update. *Wilderness & Environmental Medicine*. 2014;25:S96-104.

Phillips K, Longden M, Vandergraff B, **Smith W**, Weber D, McIntosh S, Wheeler A. Current Land Search Management Practices. *Wilderness & Environmental Medicine*. 2014;25(2);166-176.

Russell K, Scaife C, Weber D, Windsor J, Wheeler A, **Smith W**, Wedmore I, McIntosh S, Lieberman J. Wilderness Medical Society Practice Guidelines for the Treatment of Acute Pain in Remote Environments. *Wilderness & Environmental Medicine*. 2014;25(1);41-9.

Russell K, Weber D, Scheele B, Ernst R, Kanaan N, **Smith W**, McIntosh S, Wheeler A. Search and Rescue in the Intermountain West States. *Wilderness & Environmental Medicine*. 2013;24;429-433.

Smith W, Montopoli G, Harlow H, Wheeler A, Byerly A. Mercury Toxicity in Wildland Firefighters. *Wilderness & Environmental Medicine*. 2013;24;141-145.

Davis C, Engeln A, Johnson E, McIntosh S, Zafren K, Islas A, McStay C, **Smith W**, Cushing T. Wilderness Medical Society Practice Guidelines for the Prevention and Treatment of Lightning Injuries. *Wilderness and Environmental Medicine*. 2012;23(3);260-269.

Markenson D, Ferguson JD, Chaemeides L, et. al. (contributor **Smith W** – 3 worksheets submitted). Part 13: First Aid: 2010 American Heart Association and American Red Cross International Consensus on First Aid Science with Treatment Recommendations. *Circulation*. 2010 Oct 19;122(16 Suppl 2):S582-605.

Smith W. Abstracts of Current Literature – American Journal of Sports Medicine, “The Efficacy of Wrist Protectors in Preventing Snowboarding Injuries.” *Wilderness and Environmental Medicine*. 2002;13;169.

Smith W, Culley L, Plorde M, Murray J, Eisenberg M. EMS Telephone Referral Program: An Alternative Approach to Non-Urgent 911 Calls. *Pre-Hospital Emergency Care*. April 2001;5(2);174-180.

Books/Book Chapters:

Smith W, Trentini J. Wilderness Trauma Care. In: *Prehospital Trauma Life Support, 9th ed.* (Pollak A, ed.) National Association of EMTs; in press 2017.

Smith W. Chapter 24 – Technical Rescue Interface Introduction: Principles of Basic Technical Rescue, Patient Care Integration, and Packaging. In: *Wilderness EMS, 1st ed.* (Hawkins S, ed.) Wolters Kluwer Health; in press 2017.

Zafren K, McCurley L, Shimanski C, **Smith W**, Strapazzon G. Chapter 56 – Technical Rescue. In: *Wilderness Medicine, 7th ed.* (Auerbach P, ed.) Elsevier; 2017:1242-1280.

Cooper D, **Smith W**. Chapter 55 – Search and Rescue. In: *Wilderness Medicine, 7th ed.* (Auerbach P, ed.) Elsevier; 2017:1213-1242.

Hawkins SC, Millin M, **Smith W**. Chapter 54 – Wilderness EMS and Response Systems. In: *Wilderness Medicine, 7th ed.* (Auerbach P, ed.) Elsevier; 2017:1200-1213.

Smith W. Chapter 12– Medical Professional Roles in Search and Rescue. In: *Mountain Medicine and Technical Rescue: A manual of the Diploma in Mountain Medicine* (Rodway G, McIntosh S, ed.). Carreg Publishing, United Kingdom; 2016:207-223.

Vines T, Hudson, ed. *High-Angle Rope Rescue Techniques – Levels I & II, 4th ed.* **Smith W** (Contributor and Reviewer). Jones & Bartlett Learning; 2016.

Hawkins S, Millin M, **Smith W**. Chapter 42: Care in the Wilderness. In: *Emergency Medical Services: Clinical Practice and System Oversight, 2nd Ed.* Vol2: Medical Oversight of EMS (Cone et. al. ed.) John Wiley & Sons, Ltd; 2015:377-391.

Hudson S, **Smith W**, Schlim D, Knox C, Marienau K. Chapter 25. Expedition and Wilderness Medicine. In: *Essential Travel Medicine* (eds Zuckerman J, Brunette G, Leggat P). John Wiley & Sons, Ltd. Chichester UK; 2015:257-278.

Zafren K, McCurley L, Shimanski C, **Smith W**. Chapter 38 – Technical Rescue, Self-Rescue, and Evacuation. In: *Wilderness Medicine*, 6th ed. (Auerbach P, ed.) Elsevier/Mosby; 2012:710-738.

Millin M, Hawkins S, **Smith W**. Chapter 19 - Wilderness EMS. In: *Medical Oversight of EMS* (Bass et. al. ed.). NAEMSP/Mosby; 2009:229-238.

Abstracts/Posters:

Smith W. National Park Service (NPS) Experience in Integrating Combat Medicine into Remote/Wilderness & EMS Settings. Poster #64. Special Operations Medical Association (SOMA) Scientific Assembly. Tampa, Florida. December 2014

Smith W, Convertino V, Moulton S. Compensatory Reserve Index (CRI) – A Novel Device to Detect Shock Before Hemodynamic Collapse and Death. Poster #23: Special Operations Medical Association (SOMA) Scientific Assembly. Tampa, Florida. December 2014

Smith W. Taking Combat Medicine to the Wilderness & EMS Settings. Poster: Special Operations Medical Association (SOMA) Conference. Tampa, Florida. December 2013

Smith W, Rubin J. “Should Transcutaneous Cardiac Pacing be Performed in an Urban EMS System?” Abstract 96. *Pre-Hospital Emergency Care*. 2005;99(1):142.

Mistry R, **Smith W**. Photo Abstract Submission – Pediatric Rickets. Society of Academic Emergency Medicine Conference, Orlando, Fl. May 2004.

Professional Memberships

2012 – Present	ISTM – International Society of Travel Medicine
2010 – Present	AAEM – American Academy of Emergency Medicine (fellow)
2008 – Present	SOMA – Special Operations Medical Association
2007 – Present	DAN – Divers Alert Network
2002 - Present	WMS – Wilderness Medical Society (fellow)
2002 – Present	NAEMSP - National Association of EMS Physicians
1997 – Present	ACEP - American College Emergency Physicians (fellow)
1997 – Present	Wyoming Medical Society
1991 – Present	NREMT - National Registry of Emergency Medical Technicians (Paramedic)

Awards

2016 John P. Pryor, MD, Street Medicine Society Award. Presented at EMS Today, Baltimore, MD. Recognized as a physician who has come up through the ranks as an EMS provider and constantly demonstrates a sincere and ongoing dedication to the betterment of EMS on a regional or national basis through clinical excellence or education, logistical and/or humanitarian initiatives.

2015 University of Washington School of Medicine (WWAMI Program) 10 Year Teaching Award. Recognized as a clinical WWAMI faculty for over 10 years of teaching medical students and supporting the University of Washington School of Medicine.

2014 Wyoming Governor’s Award for EMS Physician Medical Director of the Year. Recognized as a Wyoming Physician that has provided outstanding leadership and guidance to their local EMS agency, as well as to EMS across Wyoming. Presented at the Wyoming EMS Conference in August 2014. Also recognized with Co-Medical Director Dr. AJ Wheeler.

2011 EMS 10 Award by the Journal of EMS (JEMS). Recognized as one of the top 10 National Innovators of EMS for 2011. Presented at EMS Today, Baltimore MD, March 2012 for Dr. Will Smith’s creation of the Wilderness EMS Medical Director Course along with Drs. Michael Millin and Seth Hawkins.

2008 Wyoming WWAMI Alumni of the Year. An award given to medical alumni that continue to support and teach for the University of Washington School of Medicine WWAMI Program.

Personal

Hobbies Include: Mountaineering (Mt. Rainier, WA; Orizaba, Mexico), Skiing, Scuba Diving (Australia, New Zealand, Cozumel, Panama, Easter Island, Hawaii, Wisconsin), Trekking (New Zealand, Peru), Adventure Racing.

International/National Conference Presentations

Medicine in Extremes 2017 Conference: Extreme Cold

January 2017 – Amsterdam, Netherlands

Mountain Medicine – Where Ambulances Can’t Go

Ski & Mountain Trauma Conference

November 2016 – Sun Valley, ID

Lightning MCI at 13,000 feet

World Extreme Extreme Medicine Expo

November 2016 – Edenborough, Scotland

Lightning MCI at 13,000 feet

Search and Rescue Panel Presentation
Mountain Medicine – Where Ambulances Can’t Go
Bringing Combat Medicine to the Wilderness

October 2015 – London, UK

Lightning MCI at 13,000 feet

Military Leadership in Emergency Medicine Conference

August 2016 – Joint Base Lewis McChord, Tacoma, WA

Disaster Medicine

September 2015 – Joint Base Lewis McChord, Tacoma, WA

Lightning MCI at 13,000 feet

National Search and Rescue Academy (NSARA)

Remote Medical Responder (1 week of medical training during 5-6 week Academy)

September 2014 – Camp Williams, Flagstaff, AZ

September 2013 – Marine Corps Mountain Warfare Training Center, Bridgeport, CA

September 2012 – Marine Corps Mountain Warfare Training Center, Bridgeport, CA

US Coast Guard - International Ice Rescue & Operations Meeting

February 2014 – Bay City, MI

Search and Rescue/Hypothermia Panel Presentation

International Technical Rescue Symposium (ITRS)

November 2013 – Albuquerque, NM

Lightning MCI at 13,000 feet

Wilderness Risk Management Conference (WRMC)

October 2013 – Jackson, WY

Search and Rescue Panel Presentation

Wyoming Medical Society Annual Meeting

June 2015 – Jackson, WY

Keynote Speaker: *Lightning MCI at 13,000 feet*

Wilderness EMS Medical Director Course, Sponsored by NAEMSP and Wilderness Medical Society

January 2014 – National Association of EMS Physicians Meeting.

Tucson, AZ

January 2013 – National Association of EMS Physicians Meeting.

Bonita Springs, FL

November 2011 – Wilderness Medical Society Meeting. Westin La Poloma Resort,

Tucson, AZ

National Association of EMS Physicians (NAEMSP)

January 2014 – Annual Meeting, Tucson, AZ

At the Edge: Illness at Altitude

May/October 2013 – EMS Board Specialty Review Course (Dallas, TX & Seattle, WA)

January 2012 - Annual Meeting, Tucson, AZ

Medical Oversight for Wilderness EMS

January 2010 - Annual Meeting, Phoenix, AZ

Medical Oversight for Wilderness EMS

January 2008 - Annual Meeting, Phoenix, AZ

To Backboard of Not to Backboard – Spinal Clearance Protocols

Special Operations Medical Association (SOMA)

December 2012 – Tampa, FL

National Search and Rescue Academy (NSARA)

Lightning MCI at 13,000 ft

Remote Medicine – Where Ambulances Can’t Go!

ExpedMed: Expedition & Wilderness Medicine Conference

September 2012 –Washington, DC

Mountain Medicine “Where Ambulances Can’t Go”

Lightning MCI at 13,000 feet

Medical Oversight for Wilderness EMS

Bringing Combat Medicine to the Wilderness

Exum Mountain Medicine CME Conference

September 2012 – Jackson, WY

Taking Combat Medicine to the Wilderness

Lightning MCI at 13,000 ft

Wilderness and Mountain Medicine Conference, Wilderness Medical Society

February 2016 – Canyons Resort, Park City, UT

Lightening Injury & Treatment

Wilderness EMS Update

February 2011 – Canyons Resort, Park City, UT

Grand Teton Lightning Rescue: Medical Director’s Perspective

Get Out! Evacuation in the Wilderness

February 2009 - Canyons Resort, Park City, UT

Overview of Mountain Rescue

Spine Evaluation and Management in the Mountain Environment

February 2008 - Canyons Resort, Park City, UT

SAR Medical Kits

Overview of Mountain Rescue

Improvised Splinting, Litters, and Packaging

Sierra Cascade Trauma Society (SCTS) Meeting

January 2011 – Four Seasons, Teton Village, Jackson, WY

Mountain Medicine – ‘Where Ambulances Can’t Go’

Wilderness Medical Society Annual Meeting

July 2009 – Telluride Mountain Resort, Telluride, CO

Tactical EMS Integration into the NPS

Hemorrhage Workshop

Topics in Mountain Rescue: NPS Cases

New Rescue Technology

July 2009 - Silvertree Resort, Snowmass, CO

SAR Medical Kits

Technical Mountain Rescue and Medical Considerations

July 2008 - Silvertree Resort, Snowmass, CO

Search and Rescue Medical Kits

Knots and Basic Self Rescue Skills Workshop

Medical Direction for SAR, EMS, NPS and Wilderness Medical Groups

July 2007 - Silvertree Resort, Snowmass, CO

Get Out! Evacuation in the Wilderness

Management of Spinal Trauma in the Wilderness

National Conference on Wilderness and Expedition Medicine

October 2010 – Inca Trail/Machu Picchu, Amazon Jungle, Peru

Multiple Topics – 18 hours of CME provided

July 2008 – Big Sky, MT

Combat Medicine

National Outdoor Leadership School (NOLS) – Wilderness Medicine Institute

February 2010 - Lander, WY

Bringing Combat Medicine to the Wilderness – Faculty Workshop

EMS Technology for the Wilderness – Faculty Workshop

Colorado Symposium on Emergency Care (CSEC)

June 2012 – Durango, CO

Keynote: Lightning Strike MCI at 13,000 feet

Bringing Combat Medicine to the “streets of EMS”

New & Developing EMS Technologies

June 2010 – Telluride, CO

Bringing Combat Medicine to the “streets of EMS”

Shhh! Don’t Tell the Medical Director – EMS Medical Oversight

To Backboard or Not to Backboard, That is the Question? Selective Spinal Immob.

May 2009 - Telluride, CO

Mountain Medicine – Where Ambulances Can’t Go

Search and Rescue/Wilderness Medical Kits

To Backboard or Not to Backboard, That is the Question? Selective Spinal

Immobilization

National Park Service EMS Conferences/Workshops

- January 2017 – Washington DC
Tactical EMS Review & Update
- November 2011 – Grand Canyon, AZ
DARPA/NPS National SAR Academy Overview
- March 2011 – Tulsa, OK
Grand Teton Lightning Rescue: Medical Director’s Perspective
2010 AHA CPR and ECC Update
Tactical EMS
- February 2010 - Albuquerque, NM
Bringing Combat Medicine to the EMS and Wilderness Settings
- January 2008 - NCTC, Shepardstown, WV
New and Developing EMS Technologies

Jackson Hole Fire/EMS Annual Shock/Trauma Conference

- April 2013 – Jackson, WY
Tactical Combat Casualty Care
- April 2012 - Jackson, WY
Mock Trial – EMS Medicolegal Issues
Fractures & Dislocations and their Reductions
- April 2009 - Jackson, WY
Bringing Combat Medicine to the ‘Streets of EMS’
New and Developing EMS Technology
Shhh! Don’t tell the Medical Director – Overview of EMS Medical Oversight
- April 2008 - Jackson, WY
Pediatric Trauma
To Backboard or Not to Backboard – Selective Spinal Immobilization
- April 2006 - Jackson, WY
Combat Medicine in Iraq
Altitude Illness

Other teaching engagements

Grand Rounds, Invited Academic Teaching

- April 2015 Emergency Medicine Grand Rounds, Louisiana State University,
Atlanta, GA
Mountain Medicine – ‘Where ambulances can’t go’
- January 2015 William Carey University College of Osteopathic Medicine, Hattiesburg, MS
Wilderness Medicine Workshop
- May 2010 Emergency Medicine Grand Rounds, Louisiana State University,
New Orleans, LA
Mountain Medicine – ‘Where ambulances can’t go’
- June 2009 Emergency Medicine Grand Rounds, Medical College of Wisconsin,
Milwaukee, WI

Mountain Medicine
Combat Medicine

University of Washington School of Medicine

Wyoming WWAMI, 1st year Site Laramie, WY

IV, Suture, Intubation Workshops for 1st year Medical Students - yearly 1997-2016

Grand Teton National Park EMS – Jackson, WY

January 2016 - *AHA 2015 Updates, Avalanche and TQ SAR Reviews* - EMS Refresher

January 2015 – *Tactical EMS, Old People Medications* – EMS Refresher

January 2014 – *Tactical EMS, Bear Attack Case Review* – EMS Refresher

January 2012 – *Excited Delirium and Behavioral Emergencies, Tactical, EMS* – EMS Refresher

May 2011 – *Selective Spinal Immobilization, Mock EMS Trial, Wound Management* – EMS Refresher

May 2010 – *Tactical EMS* – EMS Refresher

May 2009 - *EMS Medication Review* – EMS Refresher

May 2008 - *Medical Emergencies* – EMS Refresher

May 2008 - *Trauma Overview* – EMS Refresher

May 2008 - *Selective Spinal Immobilization* – EMS Refresher

May 2007 - *Medical Emergencies* – EMS Refresher

May 2007 - *Avalanche Rescue* – QA/Run Review

June 2006 - *Nuts and Bolts of Trauma* – EMS Refresher

June 2005 - *Cardiac Rhythms and Transcutaneous Pacing* – EMS Refresher

June 2005 - *Chest and Abdominal Trauma* – EMS Refresher

Jackson Hole Fire/EMS – Jackson, WY

January 2014 – *Spine Injuries, Environmental Emergencies* – AEMT Class

May 2013 – *EMS Response to Terrorism, Tactical EMS, Environmental Emergencies*

May 2012 – *EMS Response to Terrorism, Tactical EMS* – EMT Class

March 2010 – *Patient Assessment* – EMT-B Class

November 2009 - *Cardiovascular Emergencies and Medications*
EMT-Intermediate Class

April 2007 - *Environmental Emergencies* – EMT-B Class

April 2006 - *Environmental Emergencies* – EMT-B Class

November 2005 - *Cardiovascular Emergencies and Medications*
EMT-Intermediate Class

Jackson Hole Mountain Resort Ski Patrol – Jackson, WY

November 2015 – *Spinal Motion Restriction* – Annual OEC Refresher

Helicopter Operations – Annual OEC Refresher

November 2009 - *Chest and Abdominal Trauma* – Annual OEC Refresher

November 2006 - *Patient Assessment on the Ski Slope* – Annual OEC Refresher

Wilderness Advanced Life Support (WALS), Wilderness Medical Associates

Sep 2010 – *Boothbay Harbor, ME*

Bringing Combat Medicine to the Wilderness – Instructor Meeting
Emergency Cardiac Care Update 2010 – Instructor Meeting
July 2009 - Big Sky, MT in conjunction with National Conference on
Wilderness Medicine
May 2009 - Red Lodge, MT
May 2008 - Santa Fe, NM in conjunction with National Conference on
Wilderness Medicine
September 2007 - Dover-Foxcroft, ME
May 2007 - Red Lodge, MT
September 2005 – Crested Butte, CO

St. John’s Medical Center – Jackson, WY

March 2016 – *2015 AHA/ACLS Pearls for Physicians – Med Staff Presentation*
March 2011 – *2010 AHA/ACLS Pearls for Physicians – Med Staff Presentation*
March 2009 - *AHA/ACLS Pearls for Physicians – Medical Staff Presentation*
October 2007 - Orthopedic and Trauma in the Tetons Conference Lectures:
Avalanche Injuries and Hypothermia
Factor VIIa
War Injuries
May 2007 - Rapid Sequence Intubation (RSI) In-service
ICU Nursing and Medical Staff
February 2007 - ACLS Pearls for Physicians (2005 AHA Updates)
Medical Staff Presentation
November 2004 - *Rapid Sequence Intubation (RSI) In-service*
ED Nursing and Medical Staff Presentation

United States Army Teaching

July 2016 – *Disaster Medicine*
Grand Rounds, Genesys Regional Medical Center – Flint, MI
July 2014 – *Excited Delirium and Lightning MASCAL at 13,000 feet!*
Grand Rounds, US Military Hospital – Kuwait, Camp Arifjan, Kuwait
October 2011 – *Lightning, SAR, Mountain Rescue*
Special Course for Ft. Bragg - 18Delta Medics – Jackson, WY
November 2008 - *Mountain Medicine – Where Ambulances Can’t Go!*
Grand Rounds, 345th Combat Support Hospital, Al Asad Air Base, Iraq
June 2007 - *Chest and Abdominal Trauma*
Grand Rounds, 328th Combat Support Hospital, Camp Parks, CA
March 2006 - *Altitude Illness – Grand Rounds*
344th Combat Support Hospital, Abu Ghraib Prison Hospital, Iraq