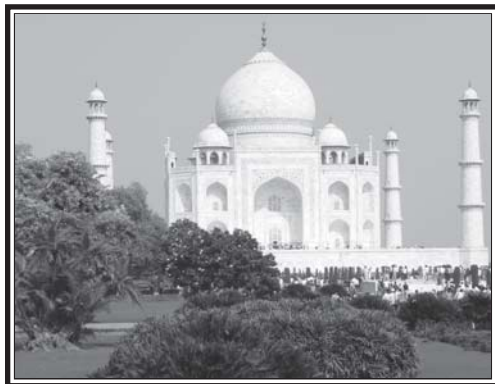


## A PARTNERSHIP IN INDIA



*Taj Mahal in Agra, India*

The Division of Emergency Medicine at the University of Utah and Fortis Health Care of India have established a new public/private partnership for the advancement of Emergency Medicine in India. Recognized as the birthplace of civilization, India is a rapidly developing country with second largest population in the world at 1.2 billion. It is also the 4th largest economy in the world but as of 2010 still had a third of its' population living in poverty. The scope of the need for structured emergency care in India can be appreciated in the dual challenges posed by emergencies related to infectious diseases and those related to chronic disease and trauma. The magnitude of trauma in India can be gauged by the fact that currently one person dies every 6 minutes on Indian roadways. The WHO has projected that by 2020 motor vehicle crashes will be a major cause of mortality in India, accounting for 546,000 deaths.

Although Emergency Medicine was recognized as the 30th medical specialty by the Medical Council of India in 2009 the number of officially approved training positions is still fewer than 16.

In establishing an MOU to develop paramedic training and a Fellowship in Emergency Medicine with Fortis Health Care, Erik Barton, MD, MS, MBA, has set the foundation for a new educational model for Emergency Medicine Training in India. Fortis Healthcare is India's fastest growing healthcare service provider. They currently have 51 hospitals with approximately 8,000 beds.

The paramedic program will be a 120 hour program which will start this summer initially based out of Fortis Escorts Hospital in New Delhi. The program was developed by Chris Stratford, RN, MS, and Peter Taillac, MD. It is a natural extension of a basic EMT course already taught by them in preparation for the Commonwealth Games in New Delhi which took place in 2010.

The Emergency Medicine Fellowship will be a two year program based in the new Gurgaon Multi-Superspecialty Hospital which will eventually have 1,000 beds and sits on an 11 acre educational campus near New Delhi. The fellowship is being jointly developed by Erik Barton, MD, Stephen Hartsell, MD, and Alok Srivastava, MD, and will be under the direction of Dr. Srivastava. The program is currently scheduled to take its' first class of fellows in January 2012.

This partnership will be a fantastic opportunity for our faculty, fellows and residents to participate in Global Health through the establishment of training programs which will have a profound impact on prehospital and emergency care across the Fortis Hospital network and eventually across India.

*-By Stephen Hartsell, MD, FACEP*

## A Message From The Division Chief



*Erik Barton, MD, MS, MBA*

Global Health initiatives have been a growing interest here at the University of Utah. As demonstrated in previous newsletter articles, we have sent a number of faculty and residents to various parts of the world to participate in training and educational missions. Much of our efforts are now formalized to a specific number of training sites in underserved and developing countries. Along with several other departments here at the University, and in conjunction with the University of Michigan, we have been providing faculty oversight and resident teaching to the new Emergency Medicine Residency Program at Kof Anochie Hospital in Kumasi, Ghana. These teaching experiences have become invaluable to both the providers and the recipients in formalizing our specialty in a country with such limited medical resources. Additionally, this year we will also be sending faculty to Dehli, India, as we start both an EMT and an Emergency Medicine Fellowship training program, which will be taught by our nurses and faculty over the next several years. It is this tremendous dedication to teaching and outreach that makes our faculty, trainees, and staff outstanding at what they do for us every day!!

**Dates to Remember**

- National EMS Week • May 15-21, 2011 •
- SAEM Annual Meeting • June 2011 • Boston, MA •
- ENA Annual Confe • Sept 2011 • Tampa, FL •
- Emergency Nurses Week • Oct 9-15 • Day • Oct 12 •
- ACEP Scientific Assembly • Oct 2011 • San Francisco, CA •

**Teacher of the Year AWARDS**

**Michael Mallin AWARDS**

**Students of the Year**

**LeGrand Rogers**

**Steven Groke**

# MedWAR Returns to the Wasatch

On a wintry, snowy, windy day such as the high Wasatch tend to offer in February, the University of Utah Emergency Medicine Residency successfully ran its third annual MedWAR (Medical Wilderness Adventure Race) in conjunction with the opening of the Wilderness Medical Society's Winter Meeting in Park City, UT.

MedWAR, started in 2000 by physicians and medical students at the Medical College of Georgia, combines adventure racing with scenarios in wilderness medicine that challenge participants' knowledge and skills. While the specific knowledge tested can vary widely by race, region, and time of year, its overall emphasis is on teamwork and the essential techniques of basic backcountry medical care.

Taking place on February 5th at the Jordan

Pines campground of Big Cottonwood Canyon, just outside Salt Lake City, this year's race featured seven competing teams who tested their speed and knowledge through five wilderness medicine scenarios spread out across the campground in the deeply piled powder. While some teams were local, others hailed from states around the country, including Arizona, Ohio, and Georgia.

A centrally located campsite served as the starting point and finish line for participants. As volunteers warmed themselves by a fire which steadily melted its way deeper and deeper into the ground, they monitored the racing teams, snacked on the small mountain of bagels donated by Einstein Bros., and periodically ran relief (and bagels) to those managing the stations.

The teams encountered patients struck with



altitude illness, post-immersion hypothermia and electrocution, and also faced avalanche and crevasse rescue situations. They raced between stations on snowshoes or skis, scrambling up snow-blanketed hillsides and following trails marked by small flags which threatened to disappear in the wind-driven flurries. Each station was manned by volunteers who presented the scenario, acted as victims/patients, and provided encouragement and education if a team was struggling with a given challenge. Teams' final assessments were based on the total time spent on the course, with time penalties added if critical actions on a scenario were missed.

In the end, with the exception of the not-quite-earthly speed of the winning team from the University of Utah's Division of Emergency Medicine, only a very small margin separated the re-

mainder of the teams, who all demonstrated fearless enthusiasm in the face of the altitude and wintry conditions. Of note, the second-place team featured the founding members of MedWAR, proving that the original spirit and enthusiasm that drove the creation of MedWAR remain just as strong a decade later, a time span which has seen the spread of MedWAR to all regions of the country. Following the completion of the course, racers and volunteers alike retired to the Porcupine Pub at the mouth of Big Cottonwood Canyon for the distribution of prizes to the winning teams and t-shirts to all of the participants. Refreshment and relaxation marked the conclusion of another successful installation of MedWAR Utah! -By Maria Nemethy, MD

Welcome Class of 2014...Angus Beal (U of VT) - Sarah Birdsall (UT San Antonio) - Jason Dorais (IN Univ)- Jimmy Fair (OH State) - Todd Johnson (U Wash) - Michelle Reina (Utah) - Piper Richey (St. George) - Matt Stewart (GHSU)

## 2011 Graduates!

**Brock Bemis, MD** - Evergreen Hospital Medical Center; Seattle, WA. "Thank you - most importantly - to Lexie for your unrelenting support during taxing family and professional hard times. Thank you to Virgil. You are a great role model and I wouldn't have a job without your help. Thank you to Rob and Swany. Your teaching, and advice has helped to shape how I plan to practice. Your smack talking has only slightly bruised my ego. We are all lucky that you are both so involved with the program, outside of the ED. Thank you to Troy for always knowing the right answer to any clinical scenario (and for being so available). Thank you to the nurses and techs in the ED. You've helped teach me to play well with others. Thank you to Todd. We need more attendings to hold our feet over the fire and to expect us to be clinically excellent. Thank you to my classmates. We were so lucky to show up and have 8 automatic best buddies. It has been such a pleasure, and I will miss each one of you very much."

**Sarah Sliva, MD** - St. Francis Hospital; Federal Way, WA. "Many thanks to the friends and family who have accompanied me on this long, strange, wonderful journey. To my husband Steve, who selflessly picked up the slack on many an occasion and was always there for me with a warm hug and a cold beer. To my parents, who taught me to dream and supported me from there. To my brother, whose courage and strength I aspire to. To Susan, Tom, Randi and Austin (and Zoel), for all of your love and support. To Meg and Emily, for the laughs and good times and occasional commiseration. And to Summit and Ellie, for the puppy kisses. Thank you also to the leadership over the years of Susan, Brendan, Megan, Steve and Virgil, and to the faculty of the U of U, IMC, VA and PCMC for all of the wisdom imparted. Nothing I could say here could express my gratitude for turning this stumbling trainee into a graduate ready to take on the world. To Marion especially, for an amazing two weeks that changed my life and opened my mind to so many possibilities for my future career. Many thanks to Christine and Deni for holding it all together, because we'd fall apart without you. Huge thanks also go out to the nursing and ancillary staff of the emergency departments for lending your knowledge, your experience, and especially your patience -- it's been a steep learning curve these past 3 years, and you've bailed me out on numerous occasions. And finally, thank you to all of my co-residents - especially the inimitable class of 2011."

**Michael Wallace, MD** - Vista Staffing, Comphealth & Weatherby. "Wow. Has it really been three years already? Don't we get one more...? Maybe, just this guy. Do they still pay you during a remedial year? Seriously, I can't believe how fast the time has gone by. What an amazing experience this has all been and when I look back to my med student rotation here I can think of so many people to thank. Let me start with the people who had the biggest influence on my wanting to be at the best program in the country...Susan and Steve. I first met them at a conference in my 3rd year and was immediately impressed. They had the foresight and follow through to get this program off the ground and make it one of the most sought after and respected programs out there. Steve has been one of the best mentors I have had through this whole process. His guidance and genuine concern for our education is outstanding and I will sincerely miss the endless clinical pearls and laughs on those long day shifts with him. And Susan, how can I even begin to thank you. Your energy and enthusiasm is extraordinary and ever present in your personality. You drive the dynamic of the residency with your infallible and never tiring ability to keep us motivated to be the best students and physicians we can be. You put us before yourself and have dedicated your life to our cause over the past 3 years and that is something I have never seen in a mentor and makes you an unbelievable leader. There are so many others that have had an amazing influence on my education...Christine, thank you for putting up with me and my antics (exhibit 1. beer on ceiling, retreat #2), you are an amazing person and an irreplaceable asset to our program; Troy, I don't think I've gotten through one shift with you without at least one article on my desk, I thank you for your dedication to teaching us EBM; Virgil, thank you for being such a good clinical teacher and such a cool mentor; Scott Y., thanks for showing me the minimalist approach...not sure I'll ever be smart enough to pull it off like you do, but your perspective is much appreciated and invaluable; Christy, your jokes and intelligence are such a cool combo and make you a fantastic person to work with; Swany, your ability to pull a 15 minute teaching point out of your a\*# at any given moment is a skill I will never attain; Brendan, your calm and cool under pressure is something I will always look up to; Todd, your intelligence, productivity and clinical skill has taught me more in the few months I've worked with you than I could have ever hoped to gain in 3 years; Phil, thank you for looking at me like I'm an idiot, but still having some faith in me as a clinician; Matt D., I'll miss that toothless grin, but I'm comin to KY for some moonshine at the derby. And thank you to the countless others who helped me through this whole process; it's been fun and I will miss you all dearly."

**Adam Bowman, MD** - Magic Valley Medical Center; Twin Falls, ID. "I want to thank all of the attendings, fellows, and residents who came before me for helping to shape me into the emergency physician that I have become. I have been given all of the tools that I need to develop a successful career. I sincerely appreciate all those who have taken extra time to teach, mentor, counsel, advise, and at times correct me as I have gone through this process. Also, thank you to our terrific nursing and EMT staff who have made my job so much easier. It has been a privilege to work with so many amazing people for the past 3 years. I will miss being a part of that."

**Peter Canning, MD** - Rogue Valley Medical Center; Medford, OR. "Thank you to all of you, the integral parts and personalities of the Emergency Department, who have spent so much time and energy contributing to our education. Thank you for your patience as we muddled toward proficiency, absorbing, slowly at times, the knowledge and skills required to do this job. Thank you for protecting our patients from us as we learned to translate the abstract rote of stuffy lecture halls into the concrete application of medical decision making. And fellow 2011ers, you are lovely people, good doctors and great friends. Your support, humor and, at times, questionable facial hair made residency tolerable. Thank you for sacrificing repeatedly so that Court and I had some time off together. We owe you one, and for you our door is always open."

**Zachary Foy, MD** - Vista Staffing (NM, AZ, MN), CompHealth (NC), Global Medical (OH). "It's really hard to believe that residency is coming to an end already - and there are so many people to thank for this incredible time that I've had. I remember being an intern, looking up to the third years at the time, and thinking to myself, "trust the process". Which is to say, somehow from point A to point B there are a lot of great people along the way nudging you in the right direction to becoming a competent doctor. Now, looking around at the fantastic doctors that I'm graduating with, I can say that the process, and the people, have worked well. First, thanks to Susan and Steve - for making a choice to give me a chance despite not knowing me as well as all the people who'd rotated here, and then for continuing to pour your heart and soul into "the process" that is this residency. Megan, Christine, and now Deni - there's not only a thank you due here, but also an apology for all the late documentation, missing documentation, absent duty hour reporting, need for reminding, etc. I really am a little worried about doing this all without a secretary, ie life manager. To Brendan and Todd, you've made IMC a home for us and have been amazing examples at efficiency and what we can actually become if we work hard enough. Rob and Virgil, thank you for both the letters of support, but also for being such great doctors to work with - it's great to come on a shift and get excited about the attendings I'll be working with. That said, most of the attendings are ones that I'm excited to work with. The nursing staff at the UED as well as IMC has been amazing, and I can honestly say that I've probably learned as much from them, if not more, than I have from the attendings that I've worked with. It's going to be hard doing locums and not knowing that there's a Jen or Sam or Emmaline there to back you up and tug you gently (or not so gently) in the right direction. Finally, and probably most important of all - THANK YOU to my own class. You are the best friends I've ever had, losing you all is by far the hardest part of leaving residency. Courtney, you probably remember our talk during intern year, about it not being so bad and wouldn't it be just fine to repeat it all just to have another year together. While I don't think I want to do intern year again, I'd almost do it just to have another year together with this class of 2011."

**Courtney Wilson, MD** - Rogue Valley Medical Center; Medford, OR. "It seems, in retrospect, that my time here has been brief. Thanks to each of you for your patience, hard work, good judgement, and humor which have guided me toward compassion and competence these past three years. It's a fact that without each of you, I would not be the doctor I am today; and I am truly grateful to have had the opportunity to know each one of you. I will be sad to go, and will think very fondly of my time at the U, and the family you all allowed me to be a part of. A big loud thanks to Christine for weathering the storm, keeping the balls in the air, and we little ducks in a row. She has patience beyond measure and multi-tasking skills fit for the Emergency Department. She works with a smile and makes the impossible possible. Without her, this program would grind to a halt. And last, I must echo Peter's thanks to our classmates. Because of your kindness, we spent every vacation and elective together, and countless other weekends and holidays. Your generosity is beyond repayment (but at least you have the satisfaction of being good people). Thanks for your spirit and sense of humor, which made conferences go fast. Thanks also for your friendship, which I hope to keep forever."

**Vijay Kairam, MD** - Memorial Hospital of Sweetwater County, WY. "I would like to thank all of our faculty and staff for providing the nurturing environment to allow me to grow into the physician I have become. My patients (well most of them) for having the composure and grace to allow me to learn in their time of need. The friends I have made since coming to Utah and have kept me on the right side of sanity. My soon to be wife for being there for me no matter what. My family for providing the inspiration and support to get this far. I would not be here today without each and every one of you, Thank You."

Adam, Sarah, Mike, Brock, Vijay, Peter, Courtney, Zak



# Nurse Manager UPDATE

*Individual commitment to a group effort - that is what makes a team work, a company work, a society work, a civilization work. ~Vince Lombardi*

The new South Jordan Health Center will be opening for patient care on January 3, 2012. We will have a free standing ED at the facility. There will be 17 patient rooms to include psych, OB/GYN, pediatrics, observation, negative pressure, general and critical care. This project has been years in the making. We are very excited for the opening. Carol Aarts, RN, and several of her coworkers have completed a bladder scanning study. "Can Nurses and EMTs be trained to accurately measure bladder volumes using a bedside ultrasound?" Carol has been accepted to present her findings at the regional and national SAEM conferences as well as the ENA annual conference. There were many who participated in gathering the data for this study. Good job all.

Darin Johnson, EMT, and Sharon Cartwright, RN, have been working on US IV education. Not only are they teaching the ED staff but they have taken this to other departments and have received a warm welcome in providing staff with a competency that has not been available in the past. We look forward to the expanding opportunities that this will enable.

The FY12 Capital budget process is complete. Our request to turn the north utility room into a patient rest-room was included on the list of Capital Construction projects reviewed by the Capital Committee and approved for FY12 Funding. We will soon start work on the construction documents.

ECU is currently seeing changes. We are building out the old social work room into a med room and will convert the current med/storage room into a patient room.

Finally as we look forward to spring and summer we are planning for a busy season. Thanks to the staff that make our Emergency Department Team!! -By Julie Schmidt, BSN, RN

## Recent Publications

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## Mid-Level Corner

Patient satisfaction starts with people. Patients care as much about how they are treated, as the quality of treatment they receive. Building a staff around these principles is a key component to giving our patients a positive, quality experience. The Division of Emergency Medicine took advantage of a wonderful opportunity to bring on a new provider that exemplifies these characteristics. Last October Kayelynn Van Wagenen, FNP, joined our midlevel staff and has rapidly become a well-loved addition by the staff as well as our patients.

Kayelynn brings to us a wealth of experience in emergency medicine. She is a 2003 graduate of the Westminster College Family Nurse Practitioner Program. We were lucky enough to lure her away from her position at Jordan Valley Medical Center, where she had worked as an NP in their emergency department since 2007. Her prior NP experience included cardiology and trauma, which has served her well in our duties which combine the emergency department and the ECU. Kayelynn's previous nursing experience was extensively in critical care settings, including intensive care, emergency nursing/charge nurse, nursing education and prior to returning to school, she was a flight nurse for IHC Lifeflight. We hope she will continue to care for our patients for a long time to come. -By Steven Sugerman, PA-C, MPAS