

Congratulations!

Congratulations to Eric Swanson, MD, who was awarded the Air Medical Physicians Association (AMPA) "Distinguished Physician Award" for 2009. This is a great honor for Dr. Swanson, AirMed, and the University of Utah.

Congratulations to Scott McIntosh, MD, MPH and Christy Hopkins, MD, MPH whose *Western Journal of Emergency Medicine* article, "Terrain Park Injuries," was featured as one of the top EM articles in Medscape.

"Utah EM Research News" is published twice per year. Please contact Troy Madsen, division research director, at troy.madsen@hsc.utah.edu with any news, comments, or suggestions.

Strong Showing at Upcoming National and Western Regional SAEM Meetings

We have had a large number of abstracts accepted to the national SAEM meeting. The following abstracts will be presented at the June 3rd-6th meeting in Phoenix:

"Compliance With A Sepsis Bundle Improves Mortality In Patients With Severe Sepsis And Septic Shock Across An Integrated Regional Healthcare System: A Multi-Hospital Study." Jessica Holly/Shaneen Doctor (Todd Allen) Oral presentation, June 5

"D-dimer as a Potential Tool in Subarachnoid Hemorrhage." Matt Dawson (Bledsoe) Oral presentation, June 3

"Prospective outcomes study of pregnant emergency department patients with documented cardiac activity on ultrasound." Erika Schroeder (Madsen) Poster presentation, June 4

"Sensitivity and Predictors of Positive Lower Extremity Venous Duplex Ultrasound in the Setting of Pulmonary Embolism." Mark Goodman (Bledsoe) Poster presentation, June 4

"Validation of a Tool to Identify Emergency Department Pulmonary Embolism Patients Potentially Eligible for Outpatient Therapy." Joey Bledsoe (Bledsoe) Moderated poster, June 5

"Variability In The Rate Of Hospital Admission In Patients With Community-Acquired Pneumonia By Emergency Physicians In A Single Hospital Practice." Caroline Vines/Brock Bemis (Allen) Poster presentation, June 4

The division will also be very well represented at the March 19th-20th Western Regional meeting in Sonoma, California with the following abstract presentations:

"Ketofol use and complications." Courtney Wilson (Davis)

"Ketofol mixed dosing efficacy and complications." Shaneen Doctor (Davis)

"Comparison of applicants to a new residency program, subjective scores." Matt Dawson (Madsen)

"Residency applicants and geographic ties." Matt Dawson (Madsen)

"Validation of PESI score." Joey Bledsoe (Bledsoe)

"BLE Duplex sensitivity for PE." Mark Goodman (Bledsoe)

"D-dimer sensitivity for SAH." Matt Dawson (Bledsoe)

"SAB rate with demonstrated IUP with FHTs on ED US." Erika Schroeder (Madsen)

"Use of folic acid in pregnant patients in the ED." Erika Schroeder (Madsen)

"Emergency physician-performed US in pregnancy." Mike Mallin (Madsen)

Continued on page 2

Western Regional Abstracts, Continued

“Compliance With A Sepsis Bundle Improves Mortality In Patients With Severe Sepsis And Septic Shock Across An Integrated Regional Healthcare System: A Multi-Hospital Study.”
Jessica Holly/Shaneen Doctor (Todd Allen)

“Variability In The Rate Of Hospital Admission In Patients With Community-Acquired Pneumonia By Emergency Physicians In A Single Hospital Practice.”
Caroline Vines/Brock Bemis (Allen)

“PA FAST education, knowledge retention, and performance.”
Mike Wallace (Davis)

“The FAST exam in pediatric trauma: Training and evaluating pediatric surgeons.”
Jen Plumb, Deb Battaglia

“Prospective eval of observation unit trauma protocol.”
Jessie Holly (Madsen)

“Utility of stress testing in young adults.”
Matt Dawson (Madsen)



Recent Faculty Publications & Presentations


Publications:

A role in trauma care for advanced practice clinicians. **Kelly L. Sherwood, PA-C, MPAS**; Raymond R. Price, MD, FACS; Thomas W. White, MD, FACS; Mark H. Stevens, MD, FACS; Don H. Van Boerum, MD, FACS. June 17, 2009 JAAPA

Tenfold therapeutic dosing errors in young children reported to U.S. poison control centers. Crouch BI, **Caravati EM**, Moltz E. Am J Health Syst Pharm. 2009 Jul 15; 66(14):1292-6.

Cardiac Function and the Proinflammatory Cytokine Response After Recovery From Cardiac Arrest in Swine. Niemann JT, Rosborough JP, **Youngquist S**, Shah AP, Lewis RJ, Phan QT, Filler SG. J Interferon Cytokine Res. 2009 Jul 30. [Epub ahead of print]

Specialist discrimination of toxic exposure severity at a poison control center. Poynton MR, Bennett HK, Ellington L, Crouch BI, **Caravati EM**, Jasti S. Clin Toxicol (Phila). 2009 Aug;47(7):678-82.

Utility of the emergency department observation unit in ensuring stress testing in low-risk chest pain patients. **Madsen T, Mallin M, Bledsoe J, Bossart P, Davis V, Gee C, Barton E**. Crit Pathw Cardiol. 2009 Sep;8(3):122-4.

Risk assessment in winter backcountry travel. **Silverton NA, McIntosh SE**, Kim HS. Wilderness Environ Med. 2009 Fall;20(3):269-74.

Breath alcohol analyzer mistakes methanol poisoning for alcohol intoxication. **Caravati EM**, Anderson KT. Ann Emerg Med. 2010 Feb;55(2):198-200. Epub 2009 Oct 14.

Monitoring Prehospital Stroke Care in Utah to Assess the Feasibility of Using EMS Data for Surveillance. Zane Shaeffer, MPH; Dorothy Gohdes, MD; Joshua Legler, MS; **Peter Taillac, MD**; Barbara Larsen, MPH. Prev Chronic Dis 2009;6(4).

An analysis of skiing and snowboarding injuries on Utah slopes. Wasden CC, **McIntosh SE**, Keith DS, **McCowan C**. J Trauma. 2009 Nov;67(5):1022-6.

Hypocalcemia following resuscitation from cardiac arrest revisited. **Youngquist ST**, Heyming T, Rosborough JP, Niemann JT. Resuscitation. 2010 Jan;81(1):117-22. Epub 2009 Nov 13.

Risk of nephropathy is not increased by the administration of larger volume of contrast during coronary angiography. **Madsen TE**, Pearson RR, Muhlestein JB, Lappé DL, Bair TL, Horne BD, Anderson JL; Intermountain Heart Collaborative (IHC) Study Group. Crit Pathw Cardiol. 2009 Dec;8(4):167-71.

Terrain Park Injuries. Craig Moffat; **Scott McIntosh, MD, MPH**; Jade Bringham, MD; Karen Danenhauer, MD; Nathan Gilmore, MD; **Christy L. Hopkins, MD, MPH**. West J Emerg Med. 2009 Nov;10(4):257-62.

Emergency department patients with psychiatric complaints return at higher rates than controls. **Madsen TE**, Bennett A, Groke S, Zink A, **McCowan C**, Hernandez A, Knapp S, Byreddy D, Mattsson S, Quick N. West J Emerg Med. 2009 Nov;10(4):268-72.

Patients with coronary disease fail observation status at higher rates than patients without coronary disease. **Madsen T, Bossart P, Bledsoe J, Bernhisel K**, Cheng M, Mataoa T, Bartlett J, McKellar A, Rivas W, Quick N. Am J Emerg Med. 2010 Jan;28(1):19-22.

Transthoracic defibrillation potential gradients in a closed chest porcine model of prolonged spontaneous and electrically induced ventricular fibrillation. Niemann JT, Rosborough JP, **Youngquist ST**, Shah AP. Resuscitation. 2010 Jan 30.

Presentations:

Barton E: Decreasing Radiology Turn-around Times in the ED: Does Limiting Oral Contrast Make a Difference? Mediterranean Emergency Medicine Congress. Valencia, Spain September 2009.

Bossart P, Madsen T, Barton E, Bledsoe J, Sugerman S: Midlevel Provider Staffing of an Emergency Department Observation Unit. Mediterranean Emergency Medicine Congress. Valencia, Spain September 2009.