

November 2011



Emergency Medicine Research & Academic News



Announcements and Congratulations

Mike Kamali was recognized in the [DoctorsLounge](#) for his study on whether patients called their PCP's prior to coming to the emergency department with non-emergent complaints. This study looked at whether there were differences between the group who called their PCPs and the group that did not. It also analyzed the reasons why patients prefer to visit the emergency department for minor complaints rather than seeing their PCP.

Sandy Schneider has been named an Associate Editor of Academic Emergency Medicine, continuing the Department's strong representation on the Editorial Board of our specialty's journals. Congratulations!

Tim Wiegand was named Associate Editor for the third edition of the Encyclopedia of Toxicology, as well as the follow up handbook of Toxicology.

Courtney Jones, a PhD candidate working with Manish Shah, will be proposing her dissertation research entitled "*Prehospital Trauma Triage: The Effect of Age on EMS Provider Judgment and Prehospital Guidelines for Transportation of Injured Patients*" The presentation will take place November 30th at 3:00 PM in the Saunderson Research Building room 1416.

At the PEM (Pediatric Emergency Medicine) section of the AAP (American Academy of Pediatrics) meetings, a senior faculty member presents what he/she deems the best 10 articles of the year and the winner in Qualitative Research was: "Ambulance personnel perceptions of near misses and adverse events in pediatric patients" co-written by **Jeremy Cushman, Manish Shah and Terry Fairbanks**.

The Rochester Review showcased **Jeff Bazarian's** study exploring the overall effect of multiple blows to the head. This study, which is funded by NFL Charities, uses specially outfitted helmets to allow the team to evaluate injuries that may be sustained over the course of a season in "[Play by Play...Blow by Blow](#)".

Jeff Bazarian quoted on CBSnews.com in the article "[Concussions landing more kids in ER: What explains trend?](#)" regarding the new laws on concussions obtained during sports in school.

Upcoming Events / Meetings:

November 16, 2011
4-6p

"Best Practices for Online Course Delivery"
Presented by Catherine Delia, MS, ChinTo Fong, MD, and Joanne Layton, MS, RN, CCRN, ANP.
LeChase Room (G-9576).

November 18, 2011
12-1p

"Molecular and Human Genetics"
Presented by Brendan Lee, MD, PhD, from the Baylor College of Medicine.
Medical Center Room 1-7619

November 22, 2011
12:30-1:30p

"Blue Highway: Destination Innovation"
Al DiRenzo President & CEO Blue Highway, LLC
Whipple Auditorium (2-6424).

November 29, 2011
4-6p

"Simulation in Medical Education"
Presented by Linda Spillane, MD.
Northeastern Room (1-9535)

December 6, 2011
12:30-1:30p

"Determining the value of medical devices"
Presented by Katia Noyes, PhD, MPH.
Whipple Auditorium (2-6424).

Upcoming Deadlines:

December 7, 2011

Abstract Submission Deadline for
SAEM Annual Meeting

Click on event or deadline for more
information (electronic version)

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New Studies

Jeff Bazarian, MD

Brian Blyth, MD

Validation of Putative Serum Markers of Mild TBI in Moderate-Severe TBI Subjects - As a prelude to validation in mild traumatic brain injury (TBI) subjects, we propose to examine the relative concentrations of phosphorylated neurofilament heavy chain (pNFH) and apolipoprotein A1 (ApoA1) in the cerebrospinal fluid (CSF) and serum of moderate to severe TBI subjects and to explore the relationship of these levels to the degree of blood brain barrier (BBB) damage.

Majed Refaai, MD

Study for the evaluation of LMW Heparin/Edoxaban versus LMW Heparin/Warfarin in subjects with symptomatic DVT and/or pulmonary embolism-To compare the hemostatic efficacy of Beriplex® P/N and plasma in preventing excessive hemorrhages during urgent surgical or urgent invasive procedures in subjects who have a deficiency of vitamin K-dependent coagulation factors II, VII, IX, X and proteins C and S acquired from oral VKA therapy.

Manish Shah, MD

Courtney Jones, MPH

The Relationship between Age, Prehospital Trauma Triage Guidelines and Need for Trauma Center Care -To determine potential reasons for under-triage of older adults to trauma centers, we propose to conduct a secondary data analysis of a previously conducted multi-center study of injured EMS patients.

Grant News

Investigator(s)	Status	Sponsor	Title/Description
Anne Brayer	Awarded	Allstate Foundation	Grant to improve Teen Driver Safety.
Anne Brayer	Awarded	Kohls	Kohl's Kares for Kids program—grant to support the Injury Free Coalition's Kohl's Pedal Patrol program.
Sandy Schneider	Submitted	CTSI	Study to investigate the variation in care delivered to patients presenting in the ED with low risk chest pain.

Publications

Click on * citations for full text of published articles

Baker S, **Acquisto NM**, Dodds Ashley E. Evaluation of emergency pharmacist services on antimicrobial stewardship for ambulatory patients discharged from the emergency department. Submitted, Journal of Pharmacology Practice.

*Patanwala AE, **Acquisto NM**, Erstad B. A prothrombin complex concentrate for critical bleeding. Annals of Pharmacotherapy 2011;45:990-9.

Acquisto NM, Gelbard WB. Medication use during pregnancy. Emergency Medicine Reports 2011;32:1-15.

Thomas MC, **Acquisto NM**, Patanwala AE, Weant KA, Baker SN. Key articles and guidelines for the emergency medicine pharmacist. Pharmacotherapy 2011;31:454e-491e.

***Acquisto NM**, Baker SN. Antimicrobial stewardship in the emergency department. Journal of Pharmacy Practice 2011;24:196-202.

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Funding Opportunities Click on each grant sponsor for more information

Sponsor	Type	Deadline	Title/Description
Emergency Medicine Foundation	EMF Fellowship Grant	1/9/2012	The Emergency Medicine Foundation awards funds for fellowship stipends to support the development of research expertise in emergency medicine. The goals of the EMF Research Fellowship Program are 1) to promote research within the specialty of emergency medicine, 2) to advance emergency medical care, and 3) to facilitate the academic growth, advanced education, and development of future researchers in emergency medicine and thereby invest in the future of the specialty of emergency medicine. The Research Fellowship Grant Program awards up to \$150,000 over two years. Awards are made with the stipulation that they are to be used only as salary and tuition support for the EMF Research Fellow.
Emergency Medicine Foundation	EMF/EMPSF Patient Safety 1-Year Fellowship	1/9/2012	The Emergency Medicine Foundation endeavors 1) to promote research within the specialty of Emergency Medicine, 2) to advance emergency medical care, and 3) to facilitate the academic growth and development of emergency medicine faculty and thereby invest in the future of the specialty of emergency medicine. This program is co-sponsored by the Emergency Medicine Patient Safety Foundation (EMPSF). The EMF/EMPSF Patient Safety Fellowship Grant Program awards for research projects in health policy or health services research topics. Applicants may apply for up to a total of \$75,000 for a one-year period.
Emergency Medicine Foundation	EMF/ENA Foundation Team Grant	1/9/2012	The Emergency Medicine Foundation and the ENA Foundation jointly award this grant to facilitate collaboration between the disciplines and to improve clinical research in emergency care. This grant is intended for physician and nurse researchers to combine their expertise to develop, plan, and implement clinical research in emergency care. The EMF/ENA Foundation Directed Team Grant Research Award program awards one \$50,000 grant for research over a one year period.
Emergency Medicine Foundation	EMF Health Policy Grant	1/9/2012	The Emergency Medicine Foundation endeavors to promote and to provide improved education and research in the field of emergency medicine in order to improve the availability and quality of emergency medical treatment. One of our missions is to support and promote the delivery of quality emergency care by securing funding for health policy projects that examine dynamic societal issues related to emergency medical care. The EMF Health Policy Research Grant Program awards for research projects in health policy or health services research topics. Applicants may apply for up to a total of \$50,000, for a one year period.
Emergency Medicine Foundation	EMF Career Development Grant	1/9/2012	The purpose of the Emergency Medicine Foundation (EMF) awards is to support research in emergency medicine. More specifically, the goals of the EMF Career Development Program are 1) to promote research within the specialty of emergency medicine, 2) to advance emergency medical care, and 3) to facilitate the academic growth and development of emergency medicine faculty and thereby invest in the future of the specialty of emergency medicine. The EMF Career Development Grant Program awards up to \$50,000 to be used in any combination of salary support for faculty "release time" and seed money.
Emergency Medicine Foundation	EMF/EMRA Resident Research Grant	1/9/2012	The Emergency Medicine Foundation awards funds to support the development of research in emergency medicine. The goals of the EMF Resident Research Program are: 1) to promote research within the specialty of emergency medicine, 2) to advance emergency medical care, and 3) to facilitate the academic growth and development of future researchers in emergency medicine and thereby invest in the future of the specialty of emergency medicine. A maximum of \$5,000 will be awarded for each approved grant application. Funds are not to be used for capital equipment purchases, faculty salary support, publication costs, travel, or institutional overhead.
Emergency Medicine Foundation	EMF/Vidacare Vascular Access Grant	2/1/2012	The Emergency Medicine Foundation endeavors 1) to promote research within the specialty of Emergency Medicine, 2) to advance emergency medical care, and 3) to facilitate the academic growth and development of emergency medicine faculty and thereby invest in the future of the specialty of emergency medicine.
Emergency Medicine Foundation	EMF/Purdue Pharma L.P. Pain and Prescription Management	2/1/2012	The Emergency Medicine Foundation endeavors 1) to promote research within the specialty of Emergency Medicine, 2) to advance emergency medical care, and 3) to facilitate the academic growth and development of emergency medicine faculty and thereby invest in the future of the specialty of emergency medicine.