

January/February 2012



Emergency Medicine

Research & Academic News



Announcements and Congratulations

Congratulations to **Nicole Acquisto** for being awarded Researcher of the Year for 2011 by the New York State Chapter of the American College of Clinical Pharmacy.

Welcome to **Ben Newman** and **Asim Abbasi** who will be joining the Faculty ranks in July. Ben, a current 3rd year resident, will be serving as Assistant Medical Director for the Department, and Asim will be joining our team in the Pediatric Emergency Department after finishing with our Pediatric Emergency Medicine Fellowship in June.

Jeff Bazarian was featured in "Brain scan study spotlights risks of high school football, hockey" on cbsnews.com which suggests that hockey and football players can suffer brain injury even from routine blows to the head sustained during games - in other words, even in the absence of concussions.

The New York American College of Emergency Physicians is now accepting abstracts for review for oral and poster presentation at the **2012 Scientific Assembly**, July 9-11, which will take place at the Sagamore Resort on Lake George in Bolton Landing, New York.

Welcome to **Kian Merchant-Borna**, a new health project coordinator who will be working with Jeff Bazarian on traumatic brain injury research.

Congratulations to **Courtney Jones**, a Doctoral student in Epidemiology who works with Manish Shah and Jeremy Cushman, for receiving a CTSI pilot Project Grant for her doctoral dissertation titled "Trauma Triage: The Effect of Age on EMS Provider Judgment and Prehospital Guidelines for Transport of Injured Patients".

It has been brought to our attention that there are a number of online predatory open access publishers that may be requesting your participation on their editorial boards or soliciting article submissions. A list developed at the University of Colorado, Denver can be accessed at: <http://metadata.posterous.com/83235355>

Grant News

Investigator(s)	Status	Sponsor	Title/Description
Sandy Schneider John Gassler	Submitted	CTSI	Variation in care for patient presenting to the ED with chest pain.
Brian Blyth	Submitted	NIH	R01—Traumatic brain injury-induced adaptation of high density lipoprotein metabolism
Manish Shah	Submitted	Provost	PMA—Discovery of Patient Centered Barriers and Supporters of ED-to-Community Transitions for Older Adults
Tim Wiegand	Submitted	Provost	PMA—Acute alcohol use and intentional self-poisoning
Manish Shah Lin (UB) PI	Submitted	NSF	A Patient-Provider Decision-Making Support Framework to Reduce Hospital Readmissions

Upcoming Events / Meetings:

February 21, 2012

8:30-9:30a

"Innovation deconstructed: recipes for incubating academic technologies into commercialization"

Presented by Greg Gdowski, Research Fellow with Blue Highway.
Goergen Hall (101)

February 28, 2012

4-6p

Strategic Career Planning for the Academician: Writing Your Academic Development Plan and Personal Learning Plan

Presented by Yeates Conwell, MD, Carol Ann B. Diachun, MD, Janine R. Shapiro, MD.
Northeastern Room
(1-9535).

March 1, 2012

8:30-9:30a

"Development & Commercialization of Synthetic Scaffolds for Soft Tissue Repair & Regeneration: A Case Study in Innovation of a New Biomaterial Platform Technology"

Presented by Balakrishna Haridas, Co-Director & Associate Professor, Program in Medical Device Innovation & Entrepreneurship, University of Cincinnati.
Goergen Hall (101)

March 2, 2012

Noon-1p

"Global Health: Title Forthcoming"
Presented by Eduardo J. Simoes, M.D., M.Sc., M.P.H. Chairman & Health Management and Informatics Alumni Distinguished Professor University of Missouri, School of Medicine.

Helen Wood Hall Auditorium
(1w-304).

Upcoming Deadlines:

April 2, 2012

New York ACEP 2012 Research Forum Call for Abstracts

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

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Emergency Medicine

Research & Academic News

Publications Click on citations for full text of published articles

*Patanwala AE, Sanders AB, Thomas MC, **Acquisto NM**, et al. A prospective, Multicenter Study of the Methods of Medication Error Interception by Emergency Department Pharmacists. *Annals of Emergency Medicine*. (In Press).

*Morse B, DiCenzo R, Baciewicz G, Tessena M, **Acquisto NM**, et al. Monocarboxylate transporter inhibition with osmotic diuresis increases gamma-hydroxybutyrate renal elimination in humans: a proof-of-concept study. *Journal of Clinical Toxicology* 2011;1:2.

*Baggs JG, Schmitt MH, Prendergast TJ, Norton SA, **Sellers CR**, Quinn, JR, & Press N. Who is attending? End of life decision making in the ICU. *Journal of Palliative Medicine*, 15(1), 1-7. doi: 10.1098/jpm.2011.0307

*Quinn JR, Schmitt M., Baggs JG, Norton SA, Dombeck MT, & **Sellers CR**. Family members' informal roles in end-of-life decision making in adult intensive care units. *American Journal of Critical Care* 21, 43-51. doi: 10.4037/ajcc2012520

Sellers CR, Baggs JG, & Norton SA. The Utility of Advance Directives in Adult ICUs. Paper presentation at the 64th Annual Scientific Meeting of the Gerontological Society of America, Boston, MA, November 18-22, 2011.

Adler DH, Inclusion of South African Adolescents in HIV Vaccine Trials. *Journal of AIDS and HIV Research* (accepted).

***Lerner EB**, Garrison HG, Nichol G, Maio RF, Lookman HA, **Sheahan WD**, Franz TR, Austad JD, Ginster AM, Spaite DW. An Economic Toolkit for Identifying the Cost of Emergency Medical Services (EMS) Systems: Detailed Methodology of the EMS Cost Analysis Project (EMSCAP). *Academic Emergency Medicine* 2012;19:1-7.

Wiegand T. Beyond Standard Anticholinergics - the Use of Physostigmine for Reversal of Somnolence and Delirium in a Cohort of Overdose Patients. *Clinical Toxicology* (accepted).

Wreathall J, Kellogg KM, **Fairbanks RJ**, Lewis VR, **Shah MN**, **Sellers CR**, Squires M, Wears RL. Root Cause Analysis in Healthcare as a Solution to Patient Safety - Reality or Illusion? Probabilistic Safety Assessment and Management International Meeting (PSAM)

Bazarian, JJ. The Relationship between Post Traumatic Stress Disorder and Mild Traumatic Brain Injury Acquired During Operations Enduring Freedom and Iraqi Freedom: A DTI Study. *Journal of Head Trauma Rehabilitation* (Accepted).

New Studies

Jared Gamet
Jeremy Cushman

Screening of Occult Carbon Monoxide Toxicity through Non-Invasive Pulse Co-Oximetry in an Urban Emergency Department Setting Located in a Cold Climate-Despite its prevalence, the diagnosis of CO toxicity in the emergency department is difficult. This is due to the nonspecific symptoms of someone presenting to the ED with CO poisoning.

Ravneet Dhillon
Kirsten Rindal

What characterizes the chest pain protocols (CP protocols) in different community and academic emergency departments (ED's) throughout the country?-The differential diagnosis of chest pain includes myocardial infarction and ischemia, and the question of if and how to rule out this diagnosis is one that has significant morbidity and mortality, legal, and cost implications to the ED physician.

Pedram Behzadi
Sandy Schneider

Comparative Study Between URM Residents and Their Knowledge Base and Comfort Level Regarding Business of Medicine Issues- The goal of the study is to compare graduating senior residents from the University of Rochester Medical Center competency and confidence in their knowledge base of billing and coding, reimbursement, and practice management in relation to their specific field.

Matt Daul
Sarah Fabiano
Peter Crane

A Comparison of Injury Severity and Resource Utilization between Motorcycle Trauma and Gunshot Trauma -To examine the economic impact, mortality, and morbidity of motorcycle related injuries compared to gun related injuries from the experiences of a large University Regional Trauma Center.

Eric Biondi
Karen Wilson

Respiratory Illness and Secondhand Smoke Exposure in Kids- Will examine the pathophysiologic link between SHS and inflammatory cytokines in children with respiratory disease in the acute setting, and explore the feasibility of a cohort study to examine the relationship between SHS, Th2 cytokine expression, and the development of chronic respiratory disease.