Grants

New
$1,485,000 Principle Investigator- Yu-Long Li, National Institutes of Health, “Dysfunction of Baroreceptor Neurons in Heart Failure: Cellular and Molecular Mechanisms Aortic baroreceptor neurons in nodose ganglia play an important role on arterial baroreflex impairment, a complication of chronic heart failure (CHF).” 07/2010-06/2014

On-going
$508,389 Principle Investigator- Wesley Zeger, Subcontract from University of Massachusetts, National Institutes of Health, “Emergency Department Suicide Screening and Intervention Trial (EDSSIT)” 09/2009-05/2014

$500 Ben Cloyd, Medical Student/T. Paul Tran, Urocortin as an Early Biomarker for Cardiac Ischemia, Emergency Medicine Resident Association, American College of Emergency Physicians, Dallas, TX

$10,350 Principle Investigator- T. Paul Tran, Nebraska Bankers Association Equipment Grant, Awarded 06/09


Pending Grants


$65,000 Co-Investigator- T. Paul Tran, American Heart Association, “Involvement of Superoxide in Tourniquet-Induced Ischemia/Reperfusion Injury via Mitochondrial Impairment.” 07/2010-06/2012

Publications

Journal Articles (Published)


Tran P, Reed EJM, Hahn F, Lambrecht JE, McClay J, Omojola MF; Incidence, radiographical features, and proposed mechanism for pneumocephalus from intravenous injection of air. WJEM 2010; 11(2); 180-5


Walker RA, Raynovich B. Clandestine Conditions Know how to identify diseases that mimic strokes. JEMS. 2011 Mar; 36(3):78-83.


Book Chapters


Book Chapters continued


Published Abstracts


Invited Presentations

International
Li, Yu-Long
- Oxygen reactive species, aortic baroreceptor, and baroreflex function in diabetes. Department of Physiology, Second Military Medical University, Shanghai, China, October, 2010

Muelleman, Robert

Tran, T. Paul
- Advanced Airway Techniques. 9th Scientific Meeting of Chinese Military Emergency Medicine, Shanghai, China, October 16, 2010.

Wadman, Michael
National
Li, Yu-Long

Hoffman, Lance

McCay, James
- “The Road to Meaningful Use: Where we’ve been and where we’re going.” American College of Emergency Physicians Scientific Assembly, September 29, 2010; Las Vegas, NV

Schmier, Charles

Muelleman, Robert
- RRC Update. CORD Annual Business at the ACEP Scientific Assembly Las Vegas, Nevada, September 28, 2010
- Panel on ACGME Duty Hours, ACEP Scientific Assembly Las Vegas, Nevada, September 28, 2010
- RRC Update: CORD Business meeting at SAEM, Boston, MA, June 3, 2011.

Walker, Richard

Regional
Barthold, Claudia
- “Updates in Toxicology: How to treat the seriously poisoned or intoxicated patient,” Emergency Nurses Association, Nebraska Chapter, Annual Meeting, Mahoney State Park, NE
- “Toxicology Update: What every family physician needs to know,” Nebraska Association of Family Practice, Annual Meeting, Nebraska City, NE
- “Organophosphates, TCAs and EMS Update,” Regional EMS Conference, St. Joseph MO
- “Students: Is emergency medicine the right career for you,” Moderator, Panel Discussion, Great Plains Regional SAEM, Omaha, NE
- “Toxicology Update,” Break out session, Great Plains Regional SAEM Conference, Omaha, NE

Kirschner, Ronald
- Incidence of Rising Acetaminophen Levels After Acute Over-Dose With Anticholinergic or Opioid Coingestants. Presented as poster at NACCT, Denver, 10/10.
- Boucher P, Thakker J, Kirschner. An unusual cause of unresponsiveness, seizures, and severe lactic acidosis in a 15 year old female. Presented at 9th Annual Pediatric Research Forum, Children's Hospital and Medical Center, Omaha, NE May 2011
Regional continued

McClay, James

- Grand Rounds Hartford Hospital: Emergency Informatics: Past, Present & Future
- ACEP SA Panel Session: The Road to Meaningful Use

Muelleman, Robert

- “Distribution of Emergency Departments According to Annual Visit Volume and Urban-Rural Status: Implications for Access and Staffing.” SAEM Great Plains Regional Meeting, Omaha, Nebraska September 17, 2010
- “Faculty Development”, SAEM Great Plains Regional Meeting, Omaha, Nebraska September 17, 2010

Schmier, Charles


Wadman, Michael

- Rural Emergency Medicine Education, Society for Academic Emergency Medicine (SAEM) Great Plains Regional Meeting, September 17, 2010
- ‘A comparison of emergency medicine resident procedural and resuscitation experience in a rural versus urban emergency department’, Society for Academic Emergency Medicine (SAEM) Great Plains Regional Meeting, Omaha, Nebraska, September 17, 2010

Zeger, Wesley

- Nebraska Academy of Physician Assistants 36th annual CME conference, Cadaver Workshop, Kearney, Nebraska, Apr2011

Local

Barthold, Claudia

- “When disaster strikes: An overview of chemical and radiation incidents,” Nebraska Medical Center, March 11, 2011
- “Overdoses,” Basic Critical Care Course for RNs, UNMC, Omaha, NE
- “Clinical Toxicology: Calcium Channel Blockers, Iron, Antidepressants” UNMC Pharmacology Therapeutics Course, Omaha, NE
- “Radiation for the Critical Care Provider,” UNMC Critical Care Fellowship Program, Omaha, NE
- “General Management of Poisonings”; University of Nebraska Medical Center / University of Nebraska at Lincoln Graduate Level “TOX 888” Course, Omaha, NE
- “Envenomations,” M2 ICE, UNMC, Omaha, NE
- “Shock”, “Overdoses” Basic Critical Care Course for RNs, UNMC, Omaha, NE (March, August)

Kirschner, Ronald

- Management of Snakebite, EM and critical care physicians, Good Samaritan Medical Center, Kearney, NE July 2010
- Critical Care Toxicology Review, Lifenet air crews, Omaha, and Norfolk, NE Sept 2010
- Venomous snakes & spiders, UNMC 2nd year med student class, Omaha, NE Sept 2010
- AHLS course: Pesticides, radiation, and miscellaneous toxicants, Omaha, NE Nov 2011
- Clinical Toxicology: Recognition of toxidromes, acetaminophen, aspirin, and envenomations” ” UNMC Pharmacology Therapeutics Course, Omaha, NE Feb 2011
- Critical poisonings in children, pediatric residents, Children’s Hospital & Med Ctr, Omaha, Ne, Feb 2011
- Diagnosis & Management of toxic alcohol ingestions, Bellevue Med Center ED providers, March, 2011

McClay, James

- ACEP Webinar: Meaningful Use and the Emergency Department

Spiegel, Thomas

- "Planning and Execution for a Foreign Medical Mission." 60th Annual Scientific Assembly of Family Medicine, Omaha, NE, 4/2/2011.
Grand Rounds
Barthold, Claudia - “Homelessness and the ED,” Schwartz Rounds, University of Nebraska Medical Center-November 18, 2010

Branecki, Chad- “Emergency Medicine Grand Rounds-Personal Homeostasis”-March 17, 2011

Bott, Kristi- Designer Drugs “This aint your grandma’s crack.”- September 16, 2010

Lamberty, Larry - “Palliative Care in the ER.”-January 20, 2011

McClay, James - “The meaningful use of Health Information Technology in the Emergency Department”-February 17, 2011

Muellem, Robert - “Quality care and Professionalism Task Force Recommendations”-July 15, 2010

Spiegel, Thomas- “Planning and execution for a Foreign Medical Mission-May 19, 2011

Resident Education

Simulation Labs:

Simulation Review:

Cadaver Labs:

Resident Core Education Lectures:
Asher, Lori
- Intro to Peds 7/14/2010
- The cancer patient 10/28/2010

Barthold, Claudia
- Learning Styles 7/2/2010
- Shock 7/9/2010
- Intro to Tox 7/9/2010
- Trauma Intro 7/9/2010
- New Innov Revisited 7/15/2010
- Didactics Explained 7/16/2010
- ABCs for the ED doc 7/22/2010
- Intro to Social Service 7/23/2010
- Airway Extravaganza 7/23/2010
- Critical Case Conference 7/8/2010
- Inhalations 9/30/2010
- Tox Update 10/14/2010
- CCC 10/28/2010
- Food Born Illness 11/4/2010
- WMD-Chemical Weapons 1/20/2011
- Skin & Soft Tissue Infection 1/20/2011
- Ovarian/Testicle Pathology 1/27/2011
- GYN-misc. 1/27/2011
- Trauma Review 2/10/2011
- Tox Review 2/10/2011
- Met-Endo Review 2/17/2011
- Psych Med OD 3/24/2011
- Diabetic Medication Overdose 4/21/2011
- Radiation 4/21/2011
- DOA Pt. 1 5/19/2011
- UDIA/LGIB 6/2/2011
- Seizures 6/2/2011

Bott, Kristi
- SOB 7/16/2010
- HTN and the ED 7/8/2010
- Pericarditis/Myocarditis 7/15/2010
- Diseases of the Aorta 8/19/2010
- Ticks and Parasites 10/7/2010
- STD’s 5/26/2011

Branecki, Chad
- Dentistry for the ED doc 7/28/2010
- Rads: CXR 8/12/2010
- X-Ray Rads Review 10/14/2010

Hernandez, Cynthia
- Abuse/Neglect 3/3/2011
- EKG: Tachy 11/11/2010

Hoffman, Lance
- Welcome 7/1/2010
- Difficult Consult 7/2/2010
- RSI 7/27/2010
- AMAS 7/9/2010
- VB 7/9/2010
- Trauma Intro 7/9/2010
- Asthma & COPD 7/22/2010
- Sickle Cell Disease 10/28/2010
- Stones/UTI/Pyelo 12/16/2010
- CCC 1/13/2011
- Rads: Head CT 1/13/2011
- Cardio/Palm Review 2/3/2011
- EKG: Mimics 2/10/2011
- Rabies & Tetanus 4/7/2011
- Oral Board Demo 4/7/2011
- Airway Extravaganza 7/23/2010
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<tr>
<th>Speaker</th>
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<td>APAP</td>
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<td>The Dark Side of the Garden: Toxic Plant Ingestions</td>
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<td>Lambert, Larry</td>
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<td>Normal &amp; Complicated Deliveries</td>
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<td>Schmier, Charles</td>
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<td>Advanced ED echo</td>
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<td>Aorta US</td>
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<td>Pelvis US and lab</td>
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<td>Ultrasound guided nerve block</td>
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<td>DVT and lab</td>
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