University of Nebraska Medical Center

Department of Emergency Medicine

Faculty Activity Report

2012-13
Grants

**New**

$33,515 Principal Investigator- **Michael Wadman**, Co-Investigators- **Wesley Zeger, Robert Muelleman and Thanh Nguyen**

Vietnam Education Foundation, “Introduction to Clinical Emergency Medicine at Thai Binh Medical University.” - US Faculty Scholars Program.  
01/01/2013-12/31/2013

$238,625 Co-Investigator- **Michael Wadman**, DHHS/HRSA, “Advancing Rural Emergency and Acute care (AREA) Program for Family Nurse Practitioners (FNPs), 07/01/2013 - 06/30/2016

**On-going**

$1,331,650 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

$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

$10,350 Principle Investigator- **Yulong Li**, Nebraska Bankers Association Equipment Grant, Awarded 06/09

**Pending Grants**

$315,166 Co-Investigator- **Yulong Li**, National Institutes of Health, “Molecular and Cellular Determinants of the Exercise Pressor Reflex in CHF This project will uncover novel molecular and cellular mechanisms underlying the exaggerated sympatho-excitation during exercise in chronic heart failure.”  
07/01/2013 - 06/30/2018


Publications

**Journal Articles (Published)**


Book Chapters

Published Abstracts


Invited Presentations

International

Li, YL
- “Superoxide-NKKB Signaling Pathways Lowers Protein Expression of Voltage-Gated Sodium Channels in Nodose Neurons from Heart Failure Rats. Suzhou, China, November 2012.

National

Barksdale, Aaron
- “Diagnosis and Disposition are Changed When Board Certified Emergency Physicians Use CT for Non-Traumatic Abdominal Pain”. Abstract, Moderated Poster Presentation, ACEP Scientific Assembly. Denver, CO, October 8, 2012

Branecki, Chad
- "Personal Homeostasis Putting life back into your personal life”- Resident/Faculty Burnout. ACEP Scientific Assembly. Denver, CO, October 8, 2012.

Cooper, Jeffrey

Kirschner, R.

Li, YL.

McClay, J.
- “Closing the loop on ED Triage Screening.” Epic Advisory Council, Verona, WI, April 26, 2013.

Muelleman, R.
- Rural Injuries Epidemiology, Access and Outcomes, Grand Rounds, Truman Medical Center, Kansas City, Missouri, March 27, 2013

Wadman, M.
- “Resident Education at Rural Sites.” Denver, CO, October 2012.
Walker, R.

Regional
Barksdale, A.
- Emergency Medicine Skills for the Rural Practitioner Course Instructor, Omaha, NE, April 2013.

Barthold, C.
- Emergency Medicine Skills for the Rural Practitioner Course Instructor, Omaha, NE, April 2013.

Branecki, C.
- Emergency Medicine Skills for the Rural Practitioner Course Instructor, Omaha, NE, April 2013.

Hernandez, C.
- Emergency Medicine Skills for the Rural Practitioner Course Instructor, Omaha, NE, April 2013.

Kirschner, R.
- Toxicology of Agricultural Pesticides, Agricultural Medicine Conference, UNMC College of Public Health, Omaha, NE 7/16/12
- Drugs of Abuse: Classic and Cutting Edge, Grand Rounds, Good Samaritan Hospital, Kearney, NE 7/20/12
- Drug of Abuse update, St. Elizabeth Hospital, Lincoln, NE 10/17/12
- Pesticide Toxicity, Good Samaritan Hospital, Kearney, 11/11/12
- Drugs of Abuse: What’s New on the Street, CUMC Pain Management Conference, Omaha, NE 3/8/13
- Substance Abuse in School-aged Children, Nebraska School Nurses Conference, Kearney, NE 6/9/13

Li, Y
- “Response of intracardiac ganglion neuron to nicotine in Type-2 diabetes. APS Conference, Omaha, NE, July 2012.

Miyake, C.
- Emergency Medicine Skills for the Rural Practitioner Course Director, Omaha, NE, April 2013.

Muelleman, R.
- Emergency Medicine Skills for the Rural Practitioner Course Instructor, Omaha, NE, April 2013.

Wadman, M.
- Emergency Medicine Skills for the Rural Practitioner Course Instructor, Omaha, NE, April 2013.

Walker, RA
- Emergency Medicine Skills for the Rural Practitioner Course Instructor, Omaha, NE, April 2013.

Local
Barksdale, A.
- Rural Skills Course Instructor, Kearney, NE, April 2013.

Hernandez, C.
- Rural Skills Course Instructor, Kearney, NE, April 2013.

Kirschner, R.
- Poisoning fatalities, CUMC Pathology resident conference. 8/3/12
- Clinical Toxicology, series of 3 lectures for 2nd year students, UNMC College of Pharmacy, Omaha, NE. 12/3, 12/5, and 12/7/12
- Hydroxocobalamin in Smoke Inhalation, CUMC ED providers, Omaha, NE. 4/2/13
- Chemical, Biological, and Radiological Weapons, UNMC Critical Care Medicine fellows, Omaha, NE, 5/10/13
- Drug of Abuse Review, Douglas County Correctional Facility medical and nursing staff, Omaha, NE, 5/20/13
Spiegel, T

Wadman, M.
- Rural Skills Course Director, Kearney, NE, April 2013

Zeger, W.
- Emergency Medicine Ultrasound Course Director, Omaha, NE, July 2012.

Grand Rounds
Kirschner, R: “ASA.” August 2012.

Core Resident Lectures
Asher, Lori
- Intro to Peds 7/13/12

Barksdale, Aaron
- Bony Trauma UE 1/24/13
- Journal Club 1/24/13
- Bony Trauma LE 2/7/13

Barthold, Claudia
- Morbidity & Mortality 7/5/12
- Intro to Geriatrics 7/6/12
- Med Records Basics 7/6/12
- Air Way lab 7/6/12
- Acid Base Abnormalities 7/12/12
- Tox Part 1 7/13/12
- Tox Part 2 7/17/12
- Learning Styles 7/17/12
- Trauma 7/17/12
- ED Medications 7/17/12

Bott, Kristi
- CP 7/18/12
- SOB 7/18/12

Branecki, Chad
- Difficult consultant 7/3/12
- Patient Satisfaction 7/3/12
- Advisor Program 7/3/12
- Airway lab 7/6/12
- Basic Skills lab 7/20/13
- Male GU Emergencies 8/16/12

Cooper, Jeffrey
- HBO 10/11/12
- Dysbarism 12/13/12

Hoffman, Lance
- Shock 7/5/12
- RSI 7/5/13
- Diabetic Emergencies 7/5/12
- N/V and abd pain 7/11/12
- Vaginal Bleeding 7/11/12
- AMS 7/13/12
- Basic Skill lab 7/20/12

2012-13 EM Activity Report (7/5/13 AJS)
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<td>Seizures in Adults</td>
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