University of Nebraska Medical Center

Department of Emergency Medicine

Faculty Activity Report

2011-12
Grants

New
$ 13,100 Principal Investigator- **T. Paul Tran**, Co-Investigator- **Michael Wadman**, Vietnam Education Foundation, “Introduction to Clinical Emergency Medicine-US Scholars Program. 01/01/2013-12/31/2013

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- **T. Paul Tran**, Nebraska Bankers Association Equipment Grant, Awarded 06/09

Pending Grants
$ 280,979 Co-Investigator-**Robert Muelleman**, DHHS/NIH, “Inequalities in Fatalities and Injuries from Motor Vehicle Crashes.” 04/01/2013-03/31/2018

$ 339, 411 Co-Investigator-**Yulong Li**, DHHS/NIH/NHLBI, “Molecular and Cellular Determinants of the Exercise Pressor Reflex in CHF.” 10/01/2012-09/30/2013

Publications

Journal Articles (Published)

Journal Articles (Published) continued


Book Chapters


Published Abstracts

- Spartz E, Tu H, Tran TP, Li YL. Protein Expression of M2 Receptor in Atria and Ventricles of Sham Rats. SAEM 2nd Annual Great Plains Regional Meeting, (Abstract # 75), St. Louis, MO, 2011
- Sullivan J, McClay J. Airway Management at a Regional Trauma Center: An Analysis of Resident Experience. SAEM 2nd Annual Great Plains Regional Meeting,(Abstract # 36), St. Louis, MO, 2011
**Published Abstracts continued**


**Invited Presentations**

**International**

- Tran TP. “Role of Epithelial Sodium Channels in Blunted Aortic Baroreceptor Sensitivity in Chronic Heart Failure.” 7th FAOPS Congress Conference, Taipei, Taiwan, September 2011.

**National**

- Barthold CL, CPC Competition, SAEM, Chicago, May 2012.
- Branecki C, ACEP Teaching Fellowship-Resident/Faculty Wellness, Dallas, TX, March 2012.
- Branecki C, ACEP Teaching Fellowship, “Personal Homeostasis Putting “Life” Back into your personal life.”, Dallas, TX, August 2011.
- Cooper J, “Hyperbaric Oxygen is a Useful Therapy for Purpura Fulminans.” Undersea & Hyperbaric Medical Society’s, 45th Annual Scientific Meeting, Phoenix, AZ, June 2012.
- Kirschner RI, “Occult salicylate poisoning,” presented on American College of Medical Toxicology National Case Conference webinar, Broadcast from Omaha, NE, October 2011.
- Kirschner RI, Debroux KM. Acidosis and prolonged ataxia following massive ibuprofen overdose. North American Congress of Clinical Toxicology (NACCT), Washington DC, September 2011.
National continued


Regional

- **Barthold, C.L.** “Drugs of Abuse” UNMC/CUMC Trauma Symposium, Omaha, NE 2011.
- **Barthold, C.L.** “Toxicology.” Emergency Medicine Skills for the Rural Practitioner Course, UNMC, Omaha, NE 2012.
- **Kirschner, R.I.** “Management of Snakebite.” UNMC/Creighton Trauma Symposium, Omaha, NE October 2011.
- **Kirschner, R.I.** “Toxicology Update for EMS, ED nurses, Pas, Physicians and Hospitalist.” St. Mary’s Hospital, Nebraska City, NE, March 2012.
- **Li, Y.L.** Tu H, Liu J. Involvement of epithelial sodium channel (ENaC) in decreased baroreceptor sensitivity in heart failure rats. Nebraska-Iowa combining Physiological Society Meeting 2011, Des Moines, IA, October, 2011.
- **McClay, J.** Making “Meaningful Use” Meaningful to Informatics Students.” EHR Education: Building a Tech-Savvy Workforce, Lincoln, NE; October 12, 2011
- **Sullivan, J. McClay, J.** Airway Management at a Regional Trauma Center: An Analysis of Resident Experience. SAEM 2nd Annual Great Plains Regional Meeting, St. Louis, MO, 2011.
- **Spartz, E. Tu H. Tran TP, Li YL.** Protein Expression of M2 Receptor in Atria and Ventricles of Sham Rats. SAEM 2nd Annual Great Plains Regional Meeting, St. Louis, MO, 2011
- **Thomas, M, Schmier C and Wadman MC.** Ultrasound Simulation Training: Location of Central Venous Catheter Guide Wire Position. SAEM 2nd Annual Great Plains Regional Meeting, St. Louis, MO, 2011.

Local

- **Barthold, C.L.** Chemical Poisoning, Regional Preparedness Conference, June 2012
- **Barthold, C.L.** Board Preparation Series, UNMC Pediatrics Residency, June 2012
- **Barthold, C.L.** “Toxicology Primer” Grand Rounds, University of Nebraska Family Medicine Residency Program, Omaha, NE, 2012
- **Barthold, C.L.** “Overdoses” Creighton EMS Refresher Course, Bellevue, NE 2012
- **Barthold, C.L.** “Sepsis” Lifenét Education Day, Bellevue Fire Department, Bellevue, NE 2011
- **Barthold, C.L.** “Shock” and “Toxicology,” Basic RN Critical Care Class, UNMC, Omaha, NE, 2011
- **Barthold, C.L.** “Envenomations” M2 ICE, UNMC, Omaha, NE, 2011
- **Barthold, C.L.** “General Management of Poisonings”; University of Nebraska Medical Center / University of Nebraska at Lincoln Graduate Level “TOX 888” Course, Omaha, NE, 2011
Local continued

- **Branecki C**, Walker RA, Zeger W, Rural Emergency Medicine Provider Course Instructor, April 2012.
- **Cooper, J.** “HBO for Osteoradionecrosis.” ENT Grand Rounds, UNMC, Omaha, NE, December 2011.
- **Cooper, J.** “HBO for Orthopedic Problem Wound Healing.” UNMC Orthopedic Faculty, UNMC, Omaha, NE, February 2012.
- **Cooper, J.** “HBO for Diabetic Extremity Wounds.” UNMC Diabetes Center Conference, UNMC, Omaha, NE, March 2012.
- **Hoffman LH**, Preparing for an RRC Site Visit. UNMC Residency Program Directors and Program Coordinators, Omaha, NE, Nov. 2011
- **Kirschner RI**, “Critical Care Toxicology,” UNMC CCM Fellows and staff meeting, Omaha, NE, August 2011.
- **Kirschner RI**, “Envenomations,” UNMC M2 student class, Omaha, NE, September 2011.
- **Larsen T.** “Seizures,” Lifenet Education day, Bellevue Fire Department, Bellevue, NE, December 2011.
- **McClay J.** “Secondary Use of Clinical Data for Disease Surveillance and Population Health: Translational Informatics at The Nebraska Medical Center, College of Public Health, April 18, 2012
- **McClay J.** “Electronic Medical Records at The Nebraska Medical Center.” ISQA 8080, Seminar in Management Information Systems, University of Nebraska Omaha, Jan 27, 2012
- **Muelleman R.** “Agricultural Injury.” Agricultural Occupational Health Training, UNMC College of Public Health July 12, 2011
- **Muelleman R.** “The Development of the Quality Care and Professionalism (Duty Hour) Task Force Recommendations. UNMC Psychology Department Grand Rounds, May 23, 2012
- **Tran T.** “Anaphylaxis,” Allergy, Asthma & Immunology PC, Omaha, NE, October 31, 2011.
- **Walker R.** “Approach to the Trauma Patient.” UNMC M2 ICE, Omaha, NE March 2012
- **Walker R.** Jones K, “Techniques of Physical Examination, Team STEPPS” UNMC M4 student lecture, Omaha, NE 2012

Grand Rounds

- **Zeger W.** “Suicide in the Acute Care Setting.” November 2011
- **Muelleman RL.** “Rural Injuries: Epidemiology, Access and Outcome.” April 2012.