

## **Projects Funded by the Center for Cardiovascular Disease & Stroke, 2006-2007**

J. Susan Andersen, APRN, BC, PhD (Nursing, Lubbock) Towards an intelligent delivery system for low literacy health education

Elmus Beale, PhD (Cell Biology & Biochemistry, Lubbock) Phosphoenolpyruvate carboxykinase (PEPCK) in *C. elegans*

Ulrich Bickel, MD (Pharmacy, Amarillo) Receptor-mediated transport at the blood-brain barrier under stroke

Maurizio Chiriva-Internati, PhD (Microbiology & Immunology, Lubbock) Gene therapy for cardiac inflammation: targeting CMV using virus AAV for a preventive vaccine

Luis Eraso, MD (Internal Medicine, El Paso) The association between metabolic syndrome and IL-6 (G>C-174) gene polymorphism

Ariel Escobar, PhD (Physiology, Lubbock) Subcellular origin of T-wave alternans in the beating mouse heart (Poster)

John Fowler, PhD (Physiology, Lubbock) Ischemic escape mechanisms and injury in rat hippocampus

Betsy Goebel Jones, EdD (Family Medicine, Lubbock) Using podcasting to deliver resident cardiovascular training in a practice-based primary care research network

Jochen Klein, PhD (Pharmacy, Amarillo) Microdialysis to monitor metabolic changes in cerebral ischemia

Richard Nathan, PhD (Physiology, Lubbock) Basis of ischemia-induced bradycardia in the pacemaker of the heart (Poster)

Michael Phy, DO (Internal Medicine, Lubbock) Predicting postoperative cardiac events with brain natriuretic peptide

Sharma Prabhakar, MD (Internal Medicine, Lubbock) Role of oxidative stress in the progression of diabetic nephropathy

Rishi Raj, MD (Internal Medicine, Lubbock) The prevalence and severity of undiagnosed and untreated obstructive sleep apnea in Hispanic adults presenting to an outpatient cardiology clinic

Jean Strahlendorf, PhD (Physiology, Lubbock) AMPA toxicity is a key component in ischemia/stroke-induced CNS damage

Peter Syapin, PhD (Pharmacology & Neuroscience, Lubbock) Regulation of microglia migration in ischemia and reperfusion

Daniel Webster, PhD (Cell Biology & Biochemistry, Lubbock) MURF2: microtubule interactions during cardiac myofibril assembly