



TEXAS TECH UNIVERSITY
HEALTH SCIENCES CENTER

Center for
Cardiovascular Disease
& Stroke

Cardiovascular Interest Group Progress & Planning Conference ♥ August 24-25, 2006

Thursday, August 24	
11:30	Registration Begins
12:00	Lunch & Orientation
1:00	Thomas Thekkumkara <i>Pharmaceutical Sciences, Amarillo</i> : Glucose in angiotensin receptor gene expression
1:15	Maurizio Chiriva-Internati <i>Microbiology & Immunology, Lubbock</i> : Gene therapy for cardiac inflammation: targeting CMV using virus AAV for a preventive vaccine
1:30	Elmus Beale <i>Cell Biology & Biochemistry, Lubbock</i> : Phosphoenolpyruvate carboxykinase (PEPCK) in <i>C. elegans</i>
1:45	Sharma Prabhakar <i>Internal Medicine, Lubbock</i> : Role of oxidative stress in the progression of diabetic nephropathy
2:00	Susan Andersen <i>Nursing, Lubbock</i> : Towards an intelligent delivery system for low literacy health education
2:15	Luis Eraso <i>Internal Medicine, El Paso</i> : MetS and IL-6 Polymorphism among Mexican Americans with CKD
2:30	Michael Phy <i>Internal Medicine, Lubbock</i> : Predicting postoperative cardiac events with brain natriuretic peptide
2:45	Rishi Raj <i>Internal Medicine, Lubbock</i> : The prevalence and severity of undiagnosed and untreated obstructive sleep apnea in Hispanic adults presenting to an outpatient cardiology clinic
3:00	Break
3:15	Betsy Jones <i>Family & Community Medicine, Lubbock</i> : Using podcasting to deliver resident cardiovascular training in a practice-based primary care research network
3:30	Margaret Weis <i>Pharmaceutical Sciences, Amarillo</i> : eNOS palmitoylation as a regulator of nitric oxide synthesis
3:45	Raul Martinez-Zaguilan <i>Physiology, Lubbock</i> : Calcium dynamics in coronary microvascular endothelial cells during angiogenesis
4:00	Ulrich Bickel <i>Pharmaceutical Sciences, Amarillo</i> : Receptor-mediated transport at the blood-brain barrier under stroke
4:15	Jean Strahlendorf <i>Physiology, Lubbock</i> : AMPA toxicity is a key component in ischemia/stroke-induced CNS damage
4:30	Jochen Klein <i>Pharmaceutical Sciences, Amarillo</i> : Microdialysis to monitor metabolic changes in cerebral ischemia
4:45	John Fowler <i>Physiology, Lubbock</i> : Ischemic escape mechanisms and injury in rat hippocampus
5:00	Free Time
6:30	Poster Session & Reception (<i>see topic list</i>)
7:30	Dinner
Friday, August 25	
8:00	Breakfast
8:30	Small Group Sessions
10:00	Group Reports
11:30	Lunch & Adjourn



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Poster Session, 6:30 p.m., Thursday

Thomas Abbruscato	Pharmaceutical Sciences, Amarillo	Evidence for sodium dependent glucose transport across the blood-brain barrier during oxygen glucose deprivation.
Susan Andersen	Nursing, Lubbock	Literacy health education kiosk
Ariel Escobar & Lorenz Lutherer	Physiology, Lubbock	Subcellular origin of T-wave alternans in the beating mouse heart
John Fowler	Physiology, Lubbock	Ischemic escape mechanisms and injury in rat hippocampus
Herb Janssen	Orthopedic Surgery, Lubbock	Investigating the role of the venous valve in DVT and CVI: the use of mathematical modeling and experimental imaging systems to characterize the anatomy and physiology of the venous valve
Betsy Jones	Family & Community Medicine, Lubbock	Podcasting & medical education
Kathryn McMahon	Pharmacology and Neurosciences, Lubbock	Effect of long-chain n-3 PUFA on inflammation during osteoblastogenesis
Richard Nathan	Physiology, Lubbock	Basis of ischemia-induced bradycardia in the pacemaker of the heart
Rishi Raj	Internal Medicine, Lubbock	Prevalence and severity of undiagnosed obstructive sleep apnea in Hispanic adults presenting to an outpatient cardiology clinic
Eugene Shek	Pharmaceutical Sciences, Amarillo	Mechanism of age-related hypertension: role of leptin
Quentin Smith	Pharmaceutical Sciences, Amarillo	Analysis of the effect of plasma protein binding on blood-brain barrier drug delivery
Ted Wiesner	Chemical Engineering, TTU	Rate-adaptive cardiac pacing based upon the carotid baroreflex
Simon Williams	Cell Biology & Biochemistry, Lubbock	Molecular mechanisms underlying cardiac arrhythmias
Lorenz Lutherer, Tom Tenner, Simon Williams & Betsy Jones	TTUHSC CCDS	TTUHSC Center for Cardiovascular Disease & Stroke: past, present & future



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Conference Attendees

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Friday Break-Out Groups		
Group A ♥	Group B ♥	Group C ♥
Abbruscato	Andersen	Chauncey
Beale	Bickel	Fowler
Berk	Carter	Hernandez
Eraso	Chiriva-Internati	Klein
Janssen	Gale	Martinez-Zaguilan
Jenkins	Gough	Pence
Lyte	Jimenez	Prabhakar
McMahon	Nairn	Seifert
Raj	Nathan	Strahlendorf
Shek	Phy	Thekkumkara
Weis	Roongsritong	Williams
Wiesner	Smith	Grammas
	Zhang	

Jones ♥
Lutherer ♥
Tenner ♥
Williams ♥