Parking

UTHSCSA Faculty & students may park in any available non-reserved spots of the same level they hold in Lots 16, 17, 23 & 30 on the North Campus and Lot 31 next to the MARC. This is for both Friday & Saturday.

All outside visitors may park at the Visitor Parking at the MARC, please bring ID ticket with you to the Retreat. Upon leaving the parking area, drop tickets in the drop box located at the guard gate. On Saturday, parking is in front of the GCCRI and RII.

Poster Presentations:

MS1's
Curtis A. Clark
“Biodistribution and Hemostatic Mechanism of rFVIIa in Coagulation Therapy”

Jeffrey D. Cooney
“Megaloblastic Anemia and Mitochondriopathy caused by a Homozygous Mutation in Sideroflexin-4”

Brett Ipson
“MicroRNA-155 is at the interface of DNA damage response, β-cell development and lymphomagenesis”

Trevi A. Ramirez
“Aliskiren and Valsartan Mediate Left-Ventricular Remodeling Post-myocardial Infarction”

Kristen C. Rogers
“Phenotypic Analysis of In-vitro T-Cell Activation Reveals Sensitive & Resistant Groups”

MS2’s
Justin M. Drerup
“Effect of chronic stress of the functional integrity of of the rat medial prefrontal cortex”

Trey Kellogg
“Integrative Genomic Approach to Mountain Cedar Allergy”

Christopher Kim
“A New Method of Ribosomal Profiling and Analysis using microRNA-137 and Musashi1”

GS1’s
Vinh Dao
“Rethinking Rapamycin for Use as an Immune Modulator to Prevent Cancer”

Tiffani Horton
“The Role of ANGPTL4 in Urothelial Carcinoma”

Karl Li
“Investigating age-related changes in functional connectivity in the default mode network”

Jessica A. Zavadil
“Magnetic Resonance Imaging Can Be used to Detect Nonalcoholic Fatty Liver Disease (NAFLD)”

GS2’s
Katie Hinchee
“A Muscle-specific Isoform of Neuronal Nitric Oxide Synthase is Phosphorylated in Response to Insulin Stimulation”

4th Annual MD/PhD Program Retreat

Friday, February 15th, 2013
2:30pm - 5:30pm

&
Saturday, February 16th, 2013
8:00am - 5:30pm

University of Texas Health Science Center at San Antonio

Greehey Children’s Cancer Research Institute Auditorium 2.160
Distinguished Guest Speaker

Dianna M. Milewicz, M.D., Ph.D.

Dianna M. Milewicz, M.D. Ph.D., is the President George H.W. Bush Chair of Cardiovascular Medicine, Director of the Division of Medical Genetics and Vice-Chair of the Department of Internal Medicine at the University of Texas Medical School at Houston.

She completed her postgraduate training in internal medicine, specialized further in medical genetics, and forged a career in translational studies focused on genetic predisposition to vascular diseases. She has received numerous honors and awards for her research, including the Antoine Marfan Award, the Doris Duke Distinguished Clinical Scientist Award, and the University of Texas Presidential Scholars Award for Excellence in Research. She has been inducted into the American Society of Clinical Investigation and the Association of American Physicians.

She is currently Director of the John Ritter Research Program, and serves on the Steering Committee for GenTAC. She served as Chairman of the Professional Advisory Board for the National Marfan Foundation for 6 years and is currently Chairman of the Thoracic Aortic Disease Coalition, which is a collaborative effort of patient advocacy organizations to increase public awareness of risk factors and symptoms of acute aortic dissections.

Friday, February 15th, 2013

2:30pm - 2:40pm Opening Remarks

Microbiology, Immunology, Cellular & Molecular Biology

2:40pm - 3:00pm Jade Zhou
"Osteocytic Connexin 43 Hemichannels and Bone Metastasis"

3:00pm - 3:25pm Josephine Thinwa
"The Binding of Yersinia Invasin to β1-integrins Triggers Inflammasome Activation in Gut Epithelial Cells"

3:25pm - 3:40pm Suzanna Maupin
"Role of the Disulfide Bond in the CARDS Toxin of Mycoplasma Pneumoniae"

3:40pm - 4:10pm Break

Biomedical Engineering

4:10pm - 4:35pm Peter Starr
"Thin Film Sensor for Intravascular Blood Pressure Sensing"

4:35pm - 5:00pm Arpan Satsangi
"Development of a Novel, Sequentially Active-targeted Drug Delivery Nanoplatform for Breast Cancer Therapy"

5:00pm - 5:25pm Q&A

5:25pm - 5:30pm Closing Remarks

Saturday, February 16th, 2013

8:00am - 8:25am Opening Remarks

Biology of Aging & Pharmacology

8:25am - 8:45am Danielle Victor
"A Role for Caspase-2 on Osteoclast Differentiation and Apoptosis"

8:45am - 9:05am David Melton
"Characterization of Macrophage Polarization"

9:05am - 9:20am Raehannah Jamshidi
"Peripheral Kappa Opioid Receptors as Targets for Analgesia"

9:20am - 9:40am Q&A

9:40am - 10:10am Poster Session I (Break)

Molecular, Cellular & Integrated Physiology

10:10am - 10:35am Adam Rossano
"Activity-induced Acid Transients in Drosophila Motor Nerve Terminals"

10:35am - 11:00am Celest Austin
"Life of Beta"

11:00am - 11:10am Q&A

11:10am - 12:10pm Breakout Sessions I

12:10pm - 1:10pm Lunch

1:10pm - 1:40pm Poster Session II

Radiological Sciences, Physiology & Neurosciences

1:40pm - 1:55pm Daniel Barron
"The Thalamus in Human Medial Temporal Lobe Epilepsy: a Tale of Collateral Damage and Covert Alliance"

1:55pm - 2:10pm Lena Wisely
"β2 Adrenergic Receptor in βAβ-mediated Pathology of Alzheimer’s Disease"

2:10pm - 2:30pm Jill Heisler
"Microglial Dysfunction in Depressive Disorders"

2:30pm - 3:00pm Q&A

3:00pm - 4:00pm Breakout Sessions II

4:00pm - 5:00pm Keynote Speaker Dianna M. Milewicz, M.D, PhD
"Mutations in Smooth Muscle Contractile Proteins and Vascular Diseases: Bedside to Bench and Back"

5:00pm - 5:30pm Award Presentations & Closing Remarks