

Pilot Grant Awardees – Spring 2008

Khaldoun Ajlouni, DDS, MS
The Baylor College of Dentistry
Associate Professor, Dentistry
“A Modified Thread Implant for Improved Stability and Immediate Loading”
\$23,000 (The Baylor College of Dentistry and The Baylor Oral Health Foundation)

Raed Ajlouni, DDS, MS
The Baylor College of Dentistry
Associate Professor, Dentistry
“Ceramic Coating of Dental Implant Neck for Esthetic and Oral Health Improvement”
\$24,300 (The Baylor College of Dentistry and The Baylor Oral Health Foundation)

Natalie M. Bachir, MD
The University of Texas Southwestern Medical Center at Dallas
Postdoctoral Fellow, Gastroenterology
“Malabsorption as a Cause of Iron Deficiency Anemia”
\$25,000

Robert Bachoo, MD, PhD
The University of Texas Southwestern Medical Center at Dallas
Assistant Professor, Neurology
“Pharmacological Inhibition of Telomerase Activity in Glioblastoma Cancer Stem Cells”
\$50,000

Alice Y. Chang, MD
The University of Texas Southwestern Medical Center at Dallas
Assistant Professor, Internal Medicine
“The Effect of Exercise Training on Coronary Vascular Reactivity and Cardiovascular Performance in Women with Androgen Excess Disorders”
\$25,000

Marlene M. Corton, MD
The University of Texas Southwestern Medical Center at Dallas
Associate Professor, Obstetrics and Gynecology
“Endoanal Ultrasound for Detection of Occult Anal Sphincter Tears Following Childbirth”
\$28,200

Shelley E. Crary, MD
The University of Texas Southwestern Medical Center at Dallas
Assistant Professor, Pediatrics
“Pilot Study of Biomarkers of Vascular Complications Following Splenectomy in Hereditary Spherocytosis”
\$17,000

Ralph J. DeBerardinis, MD, PhD
The University of Texas Southwestern Medical Center at Dallas
Assistant Professor, Pediatrics

“Ex vivo Flux Profiling (EVFP) in Congenital lactic Acidosis Syndromes: A New Approach for Diagnosis and Discovery in Pediatric Inborn Errors of Metabolism “
\$25,000 (Children’s Clinical Research Advisory Committee)

Wayne Fisher, PhD
The University of Texas Southwestern Medical Center at Dallas
Postdoctoral Research, Translational Research
“The Stability of the Serum/Plasma Proteome in One Person and in a Group”
\$25,000

Vincent Gabriel, MD, FRCPC
The University of Texas Southwestern Medical Center at Dallas
Assistant Professor, Physical Medicine and Rehabilitation
“Human Scarring Project”
\$11,300

Subroto Ghose, MD, PhD, MSCS
The University of Texas Southwestern Medical Center at Dallas
Assistant Professor, Psychiatry
“Atomoxetine as an Adjunctive Medication in a Subgroup of Schizophrenia”
\$25,000

Lance L. Goetz, MD
The University of Texas Southwestern Medical Center at Dallas
Associate Professor, Physical Medicine and Rehabilitation
“Assisted Standing Combined with Whole Body Vibration on Bone Mineral Density of Individuals with Spinal Cord Injury”
\$27,000

Matthew S. Goldberg, PhD
The University of Texas Southwestern Medical Center at Dallas
Assistant Professor, Neurology
“Identification of Surrogate Markers for Parkinson’s Disease Clinical Trials”
\$25,000

Samir Gupta, MD
The University of Texas Southwestern Medical Center at Dallas
Assistant Professor, Internal Medicine
“Molecular Markers of Carcinogenesis for Risk Stratification of Individuals with Colorectal Polyps”
\$92,500

Ronald G. Hall II, PharmD, BCPS
Texas Tech University Health Science Center, School of Pharmacy
Assistant Professor, Pharmacy Practice
“Effect of Body Mass Index on the Pharmacokinetic Variability of Cefoxitin in Patients Undergoing Colorectal Surgery”
\$129,100

Connie C.W. Hsia, MD
The University of Texas Southwestern Medical Center at Dallas

Professor, Internal Medicine
"Vitamin D Homeostasis in Sarcoidosis"
\$46,000

Anne M. Hudak, MD
The University of Texas Southwestern Medical Center at Dallas
Assistant Professor, Physical Medicine and Rehabilitation
"Depression in Traumatic Brain Injury: a Feasibility Trial"
\$27,000

Heidi Jacobe, MD
Assistant Professor, Dermatology
"Assessment in Morphea for the Establishment of Non-cutaneous Disease (AMEND)"
\$50,000

Mamta K. Jain, MD, MPH
The University of Texas Southwestern Medical Center at Dallas
Assistant Professor, Internal Medicine
"Measurement of Pharmacokinetic Parameters and Modeling of Pharmacodynamics with Changes in HCV RNA During Treatment With Pegylated Interferon α -2a and Ribavirin Therapy"
\$25,000

Rolf H. Joho, PhD
The University of Texas Southwestern Medical Center at Dallas
Associate Professor, Neuroscience
"Altered Potassium Channel Genes: Candidates for Schizophrenia and Bipolar Disorder"
\$50,000

Terry L. Jones RN, PhD
The University of Texas at Austin
Research Fellow, Nursing
"Quantification of Nursing Time with Patients Using Real Time Location System (RTLIS) & Wi-Fi ID Technology"
\$50,000

Carolyn Kerins, DDS, PhD
The Baylor College of Dentistry
Assistant Professor, Pediatric Dentistry
"Evaluation of Child-life Intervention as a Safe Alternative to Pharmacological Behavior Management in the Pediatric Dental Clinic Setting"
\$24,710 (The Baylor College of Dentistry and The Baylor Oral Health Foundation)

Richard D. King, MD, PhD
The University of Texas Southwestern Medical Center at Dallas
Assistant Professor, Neurology
"Quantification of the Effects of Age on the Fractal Dimensional Properties of the Human Cerebral Cortex"
\$50,000

F. Andrew Kozel, M., MSCR

The University of Texas Southwestern Medical Center at Dallas
Assistant Professor, Psychiatry
“Using Neuroimaging to Investigate Neurobiological Correlates of Treatment Resistance
Associated with Co-Morbid Anxiety in Major Depressive Disorder”
\$25,000

Ildiko Lingvay, MD, MPH, MSCS
The University of Texas Southwestern Medical Center at Dallas
Assistant Professor, Internal Medicine
“Ectopic Fat Changes after Surgically-Induced Weight Loss: Does it explain the
Resolution of Diabetes?”
\$50,000

Yair Lotan, MD
The University of Texas Southwestern Medical Center at Dallas
Assistant Professor, Urology
“Prospective Validation of Bladder Cancer Detection Nomogram and Biomarker
Discovery”
\$44,000

Mandy J. Maguire, PhD
The University of Texas at Dallas
Assistant Professor, School of Behavioral and Brain Sciences
“Establishing Neurological Markers of Inhibition for ADHD Diagnosis and Treatment
Assessment”
\$24,000

Shawn M. McClintock, PhD
The University of Texas Southwestern Medical Center at Dallas
Postdoctoral Research Fellow, Psychiatry
“Translational Research Evaluating Neurocognitive Measures (TREC-M)”
\$22,500

Adam H. Miller, MD, MSC, FACEP
The University of Texas Southwestern Medical Center at Dallas
Assistant Professor, Surgery
“Coronary CT Angiography is Cost Effective when Performed to Risk-Stratify Acute
Chest Pain: A
Prospective Randomized Trial”
\$57,300

Michael A. Motes, PhD
The University of Texas Southwestern Medical Center at Dallas
Postdoctoral Research Fellow, School of Behavioral and Brain Sciences
“Dissociation of Neural Mechanisms Mediating Working Memory Subsystems: Lewy
Bodies & Alzheimer’s Disease Deficits”
\$34,000

Juan M. Pascual, MD, PhD
The University of Texas Southwestern Medical Center at Dallas
Assistant Professor, Neurology

“Diagnostic Signatures of Metabolic Diseases by High Field NMR Spectroscopy”
\$26,640 (Children’s Clinical Research Advisory Committee)

Loren Petrozella, MD
The University of Texas Southwestern Medical Center at Dallas
Assistant Instructor, Obstetrics and Gynecology
“Placentally-derived Vascular Proteins and maternal endothelial Cell Damage in Women”
\$39,000

Julie Pfeiffer, PhD
The University of Texas Southwestern Medical Center at Dallas
Assistant Professor, Microbiology
“Ribavirin Uptake as a Determinant of HCV Treatment Response”
\$25,000

Craig M. Powell, MD, PhD
The University of Texas Southwestern Medical Center at Dallas
Assistant Professor, Neurology
“mTOR Kinase as a Therapeutic Target in Reconsolidation of PTSD-related Traumatic Memory”
\$50,000

Nancy Puzziferri, MD
The University of Texas Southwestern Medical Center at Dallas
Assistant Professor, Surgery
“The Natural History of Satiety Determinants Before and After Gastric Band”
\$25,000

Shayzreen Roshanravan, MD
The University of Texas Southwestern Medical Center at Dallas
Assistant Instructor of Obstetrics and Gynecology, Fellow in Female Pelvic Medicine and Reconstructive Surgery
“Effect of Preoperative Estrogen Treatment on Connective Tissues of the Pelvic Floor”
\$20,000

Shai M. Rozen, MD
The University of Texas Southwestern Medical Center at Dallas
Assistant Professor, Plastic Surgery
“Controlled Randomized Double Blinded Prospective Study on the Role of Surgical Decompression of Lower Extremity Nerves for the Treatment of Patients with Symptomatic Diabetic Neuropathy with Chronic Nerve Compression”
\$80,000

Manisha Shah, MD
The University of Texas Southwestern Medical Center at Dallas
Assistant Professor, Internal Medicine
“Skeletal Muscle Metabolism in NYHA Class II-IV Outpatient, Ambulatory CHF patients”
\$15,000

Arti Sharma, MBBS, PhD
University of North Texas Health Science Center at Fort Worth
Post-Doctoral Fellow, Integrative Physiology
“Structured ventilatory training, autonomic balance and improved glycemic control”
\$25,000

Joanna Shaw, MD
The University of Texas Southwestern Medical Center at Dallas
Infectious Diseases Fellow, Department of Medicine
“Association of CCL3L1 Genotype Dependent DHT response with the Immune Reconstitution”
\$18,000

Geetha Shivakumar, MD
The University of Texas Southwestern Medical Center at Dallas
Assistant Professor, Psychiatry
“Exercise Therapy for the Treatment of Major Depressive Disorder During Pregnancy: A Feasibility Trial”
\$25,000

A. J. Vinaya Simha, MD
The University of Texas Southwestern Medical Center at Dallas
Assistant Professor, Internal Medicine
“Molecular Basis of Adipocyte Loss and Insulin Resistance in Familial Partial Lipodystrophy”
\$48,000

Thamar Solorio, PhD
The University of Texas at Dallas
Postdoctoral Research Associate, Human Language Technology Research Institute
“Statistical Methods for the Accurate Discrimination of Patterns Indicative of SLI in Spanish-English Bilingual Children”
\$36,000

Adam J. Starr, MD
The University of Texas Southwestern Medical Center at Dallas
Associate Professor, Orthopaedic Surgery
“Early Psychiatric Intervention after Orthopaedic Trauma: A Prospective, Randomized Double-Blinded Placebo Controlled Trial”
\$30,000

Matthew Stoll MD, PhD
The University of Texas Southwestern Medical Center at Dallas
Assistant Professor, Pediatrics
“Subgroups of Juvenile Psoriatic Arthritis: A Clinical and Gene Expression Analysis”
\$25,000

Baran D. Sumer, MD
The University of Texas Southwestern Medical Center at Dallas
Assistant Professor, Otolaryngology - Head and Neck Surgery

“Predicting Treatment Response Based on Hypoxia in Head and Neck Cancers Using Non-invasive Oxygen Sensitive MRI”
\$48,000

Leanne Tamm, PhD
The University of Texas Southwestern Medical Center at Dallas
Assistant Professor, Psychiatry
“Attention Training for School-Aged Children with ADHD”
\$25,000

Clifford Y. Wai, MD
The University of Texas Southwestern Medical Center at Dallas
Associate Professor, Obstetrics and Gynecology
“The Effect of Uterine Artery Embolization on Symptoms of Stress and Urge Urinary Incontinence in Women with Uterine Fibroids”
\$50,000

Debra G. Weinberger, MD, FACS
The University of Texas Southwestern Medical Center at Dallas
Assistant Professor, Otolaryngology - Head and Neck Surgery
“Physiologic Bases of Speech Development in Infants”
\$25,000

Jane G. Wigginton, MD
The University of Texas Southwestern Medical Center at Dallas
Assistant Professor, Surgery
“Non Interventional F Two – Isoprostane Study – Traumatic Brain Injury (NIFTI –TBI) and Resuscitative Endocrinology: Single-dose Clinical Uses for Estrogen Rats – Traumatic Brain Injury (RESCUE Rats –TBI)”
\$84,000

Tianfu Wu, PhD
The University of Texas Southwestern Medical Center at Dallas
Instructor, Internal Medicine
“Validation of Novel Urinary Biomarkers for Lupus Nephritis”
\$50,000

Guanghua (Andy) Xiao, PhD
The University of Texas Southwestern Medical Center at Dallas
Assistant Professor, Clinical Sciences
“Adaptive Prediction for Genomic or Proteomic Signatures Base Clinical Trials”
\$20,000

Chao Xing, PhD
The University of Texas Southwestern Medical Center at Dallas
Assistant Professor, Clinical Sciences
“Optimal Designs for Selective Genotyping in Genetic Association Mapping of Quantitative-trait Locus”
\$25,000

Ilana Zeltser, MD

The University of Texas Southwestern Medical Center at Dallas
Assistant Professor, Pediatric Cardiology, Electrophysiology
“New Standards for Electrocardiogram Interpretation in Student Athletes”
\$25,000