

**UT HSC Research Day
Dana Center
April 29, 2011**

Poster PILName	Poster PI Fname	College	Area	Title	Display Room	Poster #	Time Poster Presented
Alexander, RPh, Ph.D.	Kenneth	Pharmacy	Pharmacy	The Application of Physicochemical Theory and Analytical Techniques for the Preparation of Improved Pharmaceutical Dosage Forms	Henry/VanWert	8	11 am - Noon
Chin, Ph.D.	Khew-Voo	Medicine	Medicine, Department of	Inhibition of Adipogenesis by Polyether Antibiotics	Henry/VanWert	22	Noon - 1 pm
Cicila, Ph.D.	George	Medicine	Physio Pharm Meta Cardio, Department of	Genetics of Longevity and Cardiovascular Disease: Identifying Genes Responsible for Differences in Lifespan and Disease Susceptibility	Wood	59	11 am - Noon
Demetropoulos, Ph.D.	Constantin	Engineering	College of Engineering, Department of Bioengineering	Influence of Axial Rotation Moments on ACL Strain: A Cadaveric Study of Single- and Multi-Axis Loading of the Knee	Henry/VanWert	9	11 am - Noon
Elsamalaty, M.D.	Haitham	Medicine	Radiology, Department of	Neurothekeoma of the Cauda Equina	Williams/Defiance	26	Noon - 1 pm
Elsamalaty, M.D.	Haitham	Medicine	Radiology, Department of	MR Features of Benign Enhancing Lesions on 3T Breast MRI	Williams/Defiance	27	Noon - 1 pm
Elsamalaty, M.D.	Haitham	Medicine	Radiology, Department of	Changing Perceptions in Regard to the Value of Breast MRI in Detecting Ductal Carcinoma in Situ (DCIS)	Williams/Defiance	28	Noon - 1 pm
Elsamalaty, M.D.	Haitham	Medicine	Radiology, Department of	Cardiac FDG uptake, an indicator of response to therapy in cancer patients	Williams/Defiance	29	Noon - 1 pm
Elsamalaty, M.D.	Haitham	Medicine	Radiology, Department of	Disseminated Coccidioidomycosis of the Spine	Williams/Defiance	30	Noon - 1 pm
Ferreira, D.V.M, Ph.D.	Viviana	Medicine	Medical Microbiology and Immunology, Department of	Binding of properdin to stimulated platelets leads to activation of the alternative pathway of complement: Implications in cardiovascular disease	Williams/Defiance	39	11 am - Noon
Gardner, MSBS, PA-C	April	Medicine	Physician Assistant Studies, Department of	Is cryosurgery an acceptable treatment option for localized prostate cancer?	Williams/Defiance	31	Noon - 1 pm
Gardner, MSBS, PA-C	April	Medicine	Physician Assistant Studies, Department of	Review of treatments for interstitial cystitis	Williams/Defiance	32	Noon - 1 pm
Gardner, MSBS, PA-C	April	Medicine	Physician Assistant Studies, Department of	Clinical indications for cell free fetal DNA (cffDNA) technology and possible ethical and social concerns	Williams/Defiance	33	Noon - 1 pm
Gaspar, Ph.D., RN	Phyllis M.	Medicine	Family Medicine, Department of	Educating CNAs to Improve Quality of Care among Nursing Home Residents with Dementia: The MemorySTAR Program	Wood	51	11 am - Noon
Gaspar, Ph.D., RN	Phyllis M.	Medicine	Family Medicine, Department of	Transition from Skilled Care to Hospital: A Quality Project for Two Facilities	Wood	52	11 am - Noon
Gaspar, Ph.D., RN	Phyllis M.	Medicine	Family Medicine, Department of	Vitamin D Supplementation: A Quality Improvement Project for a Skilled Nursing Facility	Wood	53	11 am - Noon
Gaspar, Ph.D., RN	Phyllis M.	Medicine	Family Medicine, Department of	An Evidence-based Protocol to Reduce Urinary Catheter Use in Skilled Nursing Facilities	Wood	54	11 am - Noon
Giovannucci, Ph.D.	David	Medicine	Neurosciences, Department of	Molecular Control of Oscillatory Calcium Signals in Human Gastroenteropancreatic Neuroendocrine Tumor Cells	Wood	55	11 am - Noon
Giovannucci, Ph.D.	David	Medicine	Neurosciences, Department of	The Role of Purinergic Receptors in Calcium-Mediated Fluid Secretion and Exocytosis in the Salivary Gland	Wood	56	11 am - Noon
Hankin, Ph.D.	Mark	Medicine	Neurosciences, Department of	Testing clinically-relevant surface anatomy in a medical gross anatomy course	Henry/VanWert	10	11 am - Noon
Hassoun, Ph.D.	Ezdihar	Pharmacy	Pharmacology Department	Vitamin E Deficiency in Mice Treated with Dichloroacetate or Trichloroacetate Modulates the Biomarkers of Phagocytic Activation and Antioxidant Enzyme Activities in the Peritoneal Lavage Cells	Williams/Defiance	40	11 am - Noon
Hensley, Ph.D.	Kenneth	Medicine	Pathology/Neurosciences, Departments of	Adaptation of Central Nervous System Lanthionine Metabolites for Treatment of Neurodegenerative Conditions	Wood	61	11 am - Noon

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Hill, Ph.D.	Jennifer	Medicine	Physio Pharm Meta Cardio, Department of	Evidence of an Inflammatory State in a Mouse Model of Polycystic Ovarian Syndrome	Wood	77	Noon - 1 pm
Howard, Ph.D.	Marthe	Medicine	Neurosciences, Department of	Targeted deletion of Hand2 in enteric neuroal precursor cells affects functions in neurogenesis, neurotransmitter specification and ganliogenesis causing functional aganglionosis	Henry/VanWert	11	11 am - Noon
Jayasuriya, Ph.D.	A. Champa	Medicine	Orthopaedic Surgery, Department of	Injectable Hybrid Microparticles for Bone Tissue Engineering	Williams/Defiance	41	11 am - Noon
Kahaleh, M.D.	Bashar	Medicine	Medicine, Department of	Down-Regulated MicroRNA-152 Induces Aberrant DNA Methylation in Scleroderma Endothelial Cells by Targeting DNA Methyltransferase1	Wood	62	11 am - Noon
Khuder, Ph.D.	Sadik A.	Medicine	Medicine, Department of	Identification of genomic biomarkers for primary Sjögren's syndrome using preexisting microarray data	Henry/VanWert	12	11 am - Noon
Lane, Ph.D.	Richard	Medicine	Neurosciences, Department of	Factors influencing the diameter of anterior and posterior intercostal arteries	Williams/Defiance	42	11 am - Noon
Lecka-Czernik, Ph.D.	Beata	Medicine	Orthopaedic Surgery, Department of	Biomarkers of osteogenic potential in human mesenchymal stem cells	Wood	63	11 am - Noon
Liu, Ph.D.	Ming	Pharmacy	Department of Pharmacology, College of Pharmacy and Pharmaceutical Sciences	Use of the Zebrafish as a Model for the Study of Phase II Drug-metabolizing Enzymes	Henry/VanWert	1	11 am - Noon
Liu, Ph.D.	Jiang	Medicine	Medicine, Department of	Na/K-ATPase Signaling in Dahl R and S Rats: A Biomarker for Salt Sensitivity?	Henry/VanWert	2	11 am - Noon
Maltese, Ph.D.	William A.	Medicine	Biochemistry & Cancer Biology, Department of	Synthesis and Structure-Activity Relationships of Compounds that Induce Methuosis, a Novel Type of Non-Apoptotic Cell Death	Henry/VanWert	13	11 am - Noon
Margiotta, Ph.D.	Joseph	Medicine	Neurosciences, Department of	Cellular & Molecular Mechanisms Regulating Nicotinic Signaling	Williams/Defiance	43	11 am - Noon
McCartney	Eliza	Nursing	College of Nursing	Families Working Together for a Healthier Lifestyle	Wood	64	11 am - Noon
Medhkour, M.D.	Azidine	Medicine	Surgery, Department of	Successful use of inhaled nitric oxide to decrease intracranial pressure in a patient with severe traumatic brain injury complicated by acute respiratory distress syndrome: a role for an anti-inflammatory mechanism? An updated review of the literature	Henry/VanWert	14	Noon - 1 pm
Messer, Ph.D.	William S.	Pharmacy	Pharmacology	Design of M5 muscarinic antagonists for the treatment of drug abuse	Wood	78	11 am - Noon
Mooney, Ph.D.	Richard D.	Medicine	Neurosciences, Department of	Methamphetamine and MDMA deplete serotonin in neonatal rat cortex when neural connections are most sensitive to serotonin levels	Williams/Defiance	44	11 am - Noon
Mrak, M.D., Ph.D.	Robert	Medicine	Pathology, Department of	Epilepsy: a model for studying early events in the evolution of Alzheimer's disease and Parkinson's disease	Wood	65	Noon - 1 pm
Mukundan, M.D., FAAP	Deepa	Medicine	Pediatrics, Department of; Medical Microbiology and Immunology, Department of	Understanding Infectivity and Virulence of Methicillin Resistant Staphylococcus Aureus (MRSA)	Henry/VanWert	15	Noon - 1 pm
Nadarajah	Arunan		Bioengineering	Chitosan Microparticles for Biomedical Applications	Williams/Defiance	50B	Noon - 1 pm
Nazzal, M.D.	Munier M.	Medicine	Surgery, Department of	Single Center Experience of Anticoagulation therapy in Deep Venous Thrombosis Patients – Different Treatment Patterns?	Williams/Defiance	34	Noon - 1 pm

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Nazzal, M.D.	Munier M.	Medicine	Surgery, Department of	Celiac Artery Compression: A Radiological Finding without Clinic Symptoms?	Williams/Defiance	35	Noon - 1 pm
Nesamony, Ph.D.	Jerry	Pharmacy	Department of Pharmacy Practice	Exploring nanoparticulate systems for potential drug delivery applications	Williams/Defiance	45	11 am - Noon
Park, Ph.D.	Joshua	Medicine	Neurosciences, Department of	Repurposing an antidepressant for neuroblastoma intervention	Wood	66	Noon - 1 pm
Parsai, Ph.D.	E. Ishmael	Medicine	Radiation Oncology, Department of	Finding the optimal thickness of thin film CdTe detector under diagnostic x-ray beams	Henry/VanWert	3	11 am - Noon
Parsai, Ph.D.	E. Ishmael	Medicine	Radiation Oncology, Department of	Advantages of Implementation of a Self-regulating Thermobrachytherapy Seed in Treatment of Solid Tumors	Henry/VanWert	4	11 am - Noon
Parsai, Ph.D.	E. Ishmael	Medicine	Radiation Oncology, Department of	Intrinsic characteristics study for optimal thickness of thin film CdTe under diagnostic x-ray beams	Henry/VanWert	5	11 am - Noon
Parsai, Ph.D.	E. Ishmael	Medicine	Radiation Oncology, Department of	Investigating the Effect of Particle Size on the Enhancement of Radiation Dose Due to Gold Nanoparticles	Henry/VanWert	6	11 am - Noon
Parsai, Ph.D.	E. Ishmael	Medicine	Radiation Oncology, Department of	A Novel Device for Delivering Partial Breast Hyperthermia Concurrent with Partial Breast Irradiation	Henry/VanWert	7	11 am - Noon
Pearson, Ph.D., DABR	David	Medicine	Radiation Therapy, Department of	A Comparison of Dose Modification Factors for Two Multi-Lumen Brachytherapy Applicators used in Partial Breast Irradiation	Henry/VanWert	16	Noon - 1 pm
Rais, M.D.	Theodor	Medicine	Psychiatry, Department of	Using Web Informatics to demonstrate Inverse Association between Schizophrenia and Rheumatoid arthritis	Williams/Defiance	46	11 am - Noon
Selman, M.D.	Steven H.	Medicine	Urology, Department of	Green Tea Extract. Results of Treatment of Experimental Bladder Cancer	Wood	67	Noon - 1 pm
Shah, Ph.D.	Zahoor A.	Pharmacy	Pharm-Med/BioChem, Department of	Heme oxygenase1 is Neuroprotective in a Permanent Model of Ischemic Brain Injury and Plays a Key Role in Gingko Biloba (EGb 761) Neuroprotection	Henry/VanWert	17	Noon - 1 pm
Shapiro, M.D.	Joseph	Medicine	Medicine, Department of	Rapamycin reduces cardiac fibrosis in experimental uremic cardiomyopathy	Williams/Defiance	47	11 am - Noon
Skrzypczak-Jankun, Ph.D.	Ewa	Medicine	Pathology/Urology, Departments of	Lipoxygenases in Kidney Carcinoma	Wood	68	Noon - 1 pm
Slama, Ph.D.	James	Pharmacy	Department of Medicinal and Biological Chemistry,	Derivatives of NAADP Probing the Poorly Characterized NAADP Receptor	Henry/VanWert	18	Noon - 1 pm
Steiner, Ph.D.	Victoria	Medicine/Nursing	Medicine, Department of and College of Nursing	The Feasibility of a Web-based Psychosocial Assessment for Caregivers of Persons with Dementia	Williams/Defiance	48	11 am - Noon
Takashima, M.D., Ph.D.	Akira	Medicine	Medical Microbiology and Immunology, Department of	Granulocyte-derived dendritic cells (grDC) as a biomarker for inflammatory disorders	Wood	69	Noon - 1 pm
Tamburrino, M.D.	Marijo	Medicine	Medicine, Department of	Baseline Results and Validation Methods of a 10 year Longitudinal Study of the Ohio Army National Guard	Wood	57	11 am - Noon
Tamburrino, M.D.	Marijo	Medicine	Medicine, Department of	Ethics in trauma research: participant reactions to trauma questions in the Ohio National Guard (ONG)	Wood	58	11 am - Noon
Tian, M.D.	Jiang	Medicine	Medicine, Department of	Na/K-ATPase and Its Signaling Complex Are Related with Cardiac Cell Survival and Heart Functions	Wood	70	Noon - 1 pm
Tietjen, M.D.	Gretchen E	Medicine	Neurology, Department of	Adverse Childhood Experiences, Migraine and Vascular Biomarkers	Henry/VanWert	19	Noon - 1 pm

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Tietz, Ph.D.	Elizabeth	Medicine	Physio Pharm Meta Cardio, Department of	Direct, concentration-dependent inhibition of recombinant neuronal L-type voltage-gated calcium channel currents by GABA-A receptor modulators	Wood	72	Noon - 1 pm
Turner, Ph.D.	John	Medicine	Physio Pharm Meta Cardio, Department of	Development of gene-expression biomarkers to monitor environmental stress in fish	Wood	71	Noon - 1 pm
Wall, Ph.D.	John	Medicine	Neurosciences, Department of	MRI tracking of cortical thickness variations over weeks, months, and longer in an adult human: A biomarker for individualized brain improvement?	Henry/VanWert	20	Noon - 1 pm
Wall, PhD.	Katherine	Pharmacy	Medicinal and Biological Chemistry, Department of	Activated Natural Killer Cells Enhance Passive Experimental Autoimmune Myasthenia Gravis	Williams/Defiance	49	11 am - Noon
Wall, PhD.	Katherine	Pharmacy	Department of Medicinal and Biological Chemistry	Synthesis of a L-Rhamnose-Containing Three Component Vaccine and Evaluation of Antigenicity in the Presence of Anti LRhamnose Antibodies	Williams/Defiance	50	11 am - Noon
Walsh, Ph.D., APN, RN-BC, FAHA	M. Eileen	Nursing	College of Nursing	Non-traditional exercise benefits women with breast cancer during radiation therapy	Henry/VanWert	21	Noon - 1 pm
Wang, Ph.D., M.D.	Xin	Medicine	Psychiatry, Radiology and Neurosciences, Departments of	MRI Research on Emotional Deficits of PTSD Patients	Wood	73	Noon - 1 pm
Weldy, M.D., Ph.D.	David L.	Medicine	Family Medicine, Department of, Kinesiology, Department of	A Novel Concept for the Initiation of Sudden Cardiac Arrhythmia in Susceptible Individuals	Wood	74	Noon - 1 pm
Willey, M.D.	James	Medicine	Medicine, Department of	Common SNP in E2F1 Recognition Site Alters Regulation of ERCC5 (XPG) Transcription	Williams/Defiance	36	Noon - 1 pm
Willey, M.D.	James	Medicine	Medicine, Department of	A Multi-Gene Test for Lung Cancer Risk	Williams/Defiance	37	Noon - 1 pm
Willey, M.D.	James	Medicine	Medicine, Department of	Development of RNA Quality Control Methods to Improve Tissue Archiving and Molecular Diagnostic Testing	Williams/Defiance	38	Noon - 1 pm
Williams	Kristi Skee	Medicine	Psychiatry, Department of	Utilization of a Prescription Reporting System Among Resident and Attending Physicians	Wood	75	Noon - 1 pm
Williams, Ph.D.	Frederick	Pharmacy	Pharmacology	The use of zebrafish in assessing developmental and neurodevelopmental toxicity	Wood	76	Noon - 1 pm
Wooten, Ph.D.	R. Mark	Medicine	Medical Microbiology and Immunology, Department of	Host-Pathogen Interactions in the Development of Lyme Disease and Melioidosis	Henry/VanWert	23	Noon - 1 pm
Worth, Ph.D.	Randall G.	Medicine	Medical Microbiology and Immunology, Department of	A Leukocyte-like role for human platelets in host defense	Wood	60	11 am - Noon
Yamamoto, Ph.D.	Bryan	Medicine	Neurosciences, Department of	Methamphetamine and Long-Term Changes in Permeability and Proteins Associated with the Blood Brain Barrier	Henry/VanWert	25	Noon - 1 pm
Yeung, Ph.D.	Kam C.	Medicine	Biochemistry and Cancer Biology, Department of	The overexpressed transcriptional repressor EZH2 in prostate and breast cancer regulates the underexpressed metastasis suppressor RKIP	Henry/VanWert	24	Noon - 1 pm