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HEALTH

2013 Research DAY

23rd Annual

USF Health
Research Day

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**23rd Annual
Research Day
Friday, February 22, 2013
Marshall Student Center (MSC)**

AGENDA

TIME	EVENT	LOCATION
7:30 a.m. – 9:30 a.m.	Presenters: Registration and Poster Set-up (Early registration: Feb 21 st 4:00 – 6:00 p.m.)	Atrium/Ballroom
7:30 a.m. – 9:30 a.m.	Judges: Registration and Assignments	Atrium
8:00 a.m. – 10:00 a.m.	4th Annual Joseph Krzanowski, PhD USF Health Invited Oral Presentations	Oval Theater
10:00 a.m. – 12:00 p.m.	Poster Judging Session	Ballroom
12:00 p.m. – 1:00 p.m.	Lunch Break	Ballroom Atrium
12:45 p.m. – 1:30 p.m.	Office of Undergraduate Research Presentation to The Villages students	Ballroom Stage
1:00 p.m. – 2:30 p.m.	17 th Annual Roy H. Behnke Distinguished Lectureship Dr. Howard L. McLeod Fred Eshelman Distinguished Professor University of North Carolina – Chapel Hill <i>“Using the Genome to Guide Therapy”</i>	Oval Theater
1:00 p.m. – 3:30 p.m.	Posters Available for Viewing Sunshine ERC Posters	Ballroom Plaza Room 2708
2:30 p.m. – 3:15 p.m.	Awards Ceremony	Oval Theater
3:30 p.m. – 4:00 p.m.	Posters Removed	Ballroom
4:00 p.m. – 5:00 p.m.	Reception	Ballroom Atrium



**23rd Annual
RESEARCH DAY**

17th Annual

Roy H. Behnke Distinguished Lectureship



PLACE:

Marshall Student Center Oval Theater

TIME:

1:00 p.m.

SPEAKER:

Howard L. McLeod, PharmD
Fred Eshelman Distinguished Professor

TITLE:

"Using the Genome to Guide Therapy"

Sponsored by:

Department of Internal Medicine, Morsani College of Medicine, USF

17th Annual
Roy H. Behnke Distinguished Lectureship
Keynote Speaker



Howard L. McLeod, PharmD
Fred Eshelman Distinguished Professor
Director, Institute for Pharmacogenomics and
Individualized Therapy



Howard McLeod, PharmD, is the Fred Eshelman Distinguished Professor of Pharmacogenomics and Individualized Therapy at the UNC Eshelman School of Pharmacy at the University of North Carolina at Chapel Hill and the director of the UNC Institute for Pharmacogenomics and Individualized Therapy. He holds additional appointments in the UNC School of Medicine and the Lineberger Cancer Center.

Dr. McLeod is the principal investigator for the CREATE Pharmacogenetics Research Network, a member of the NIH funded Pharmacogenetics Research Network, and is a member of the FDA Committee on Clinical Pharmacology. He directs the Pharmacogenetics for Every Nation Initiative that aims to help developing countries use genetic information to improve National Drug Formulary decisions. McLeod has published more than 350 peer-reviewed papers on pharmacogenomics, applied therapeutics, or clinical pharmacology and continues to work to integrate genetics principles into clinical practice to advance individualized medicine.

Dr. McLeod completed research fellowship training in cancer pharmacology at St. Jude Children's Research Hospital in Memphis and at the University of Glasgow in Scotland before becoming the director of the clinical pharmacology program at the Beatson Cancer Centre in Glasgow. He then became a senior lecturer in medicine and director of laboratory research for the oncology unit at the University of Aberdeen in Scotland. McLeod returned to the United States in 2000 to accept a position at Washington University in St. Louis, Missouri, where he was a professor in the Departments of Medicine, Pharmacology and Molecular Biology, and Genetics and director of the Siteman Cancer Center Pharmacology Core.

From the Desk of:

Phillip J. Marty, PhD

Associate Vice President, USF Health
Professor, Public Health and Medicine



Dear USF Health/University Community:

This year marks the 23rd “USF Health Research Day” anniversary that highlights the research work of our students, trainees, staff and faculty across USF Health. This is another banner year for participation with 338 scheduled presentations submitted by students, staff, trainees and faculty. This number includes 16 high school and middle school students presenting from The Villages Charter Schools.

An important aspect of our Research Day Program is the Annual Roy H. Behnke Distinguished Lectureship. This year, Dr. Howard L. McLeod will be delivering the Distinguished Lecture titled "*Using the Genome to Guide Therapy.*" Dr. McLeod is a Fred Eshelman Distinguished Professor & Director of the Institute for Pharmacogenomics and Individualized Therapy at the University of North Carolina, Chapel Hill.

With this 23rd Research Day, we continue to acknowledge the importance and value of research to USF Health and the University community. Our goal is to continue to recognize, grow and enhance the research efforts of our students, trainees, staff and faculty. Research Day is but one of those special events during the year as part of ResearchOne that recognizes the hard work of all our researchers and especially our students and trainees, and the great contribution they are making to the scientific advancement of their disciplines. It is an important day for this purpose and one we hope you will enjoy.

Oral Presentations

Abs #	Name	Abstract Title
O-1	Yin, Juanjuan	<i>Estrogen Anchored multifunctional micelles Designed for Site-Specific Delivery of Doxorubicin prodrug in Breast Cancer Therapy</i>
O-2	Ramirez, Ingrid	<i>The BCL2 Antagonist of Cell Death (BAD) apoptotic pathway and cervical cancer cell sensitivity to cisplatin</i>
O-3	Kasiappan, Ravi	<i>MicroRNA and Vitamin D-Leptin Antagonism on High-fat Diet-Induced Tumor Growth</i>
O-4	Stratton, Lee	<i>Sound Location Processing in Schizophrenia Patients with Auditory Verbal Hallucinations</i>
O-5	Kesayan, Tigran	<i>"Perceptual Magnitude Constriction in Parkinson's Disease"</i>
O-6	Woo, Jung	<i>Role of Integrin-Dependent Focal Adhesion Complexes in Ab-Induced Neurotoxicity</i>
O-7	Nelson, Nadine	<i>The Role of the Ikaros Transcription Factor in Regulatory T Cell (Treg) Development and Function in a Murine Pancreatic Adenocarcinoma Model</i>
O-8	Mehra, Shabnam	<i>SAS and Excel Go Hand in Hand for Automation: Data Management to Policy Reports</i>
O-9	Anegbe, Evelyn	<i>Prostate Cancer Treatment and Outcomes: 20-Year Experience at a Single Cancer Center</i>
O-10	Bingham, Andrea	<i>Development of a Mosquito Trap that Uses Sugar Feeding to Detect Eastern Equine Encephalitis Virus</i>
O-11	Gordon, Jessica	<i>Stabilization of Extra-uterine Life with Skin to Skin Contact</i>



Allergy, Immunology and Infectious Diseases

1	Aljubran, Salman	<i>A Case of Delayed Anaphylaxis to Beef in Central Florida</i>
2	Bellur, Adarsh	<i>Naegleria fowleri Virulence Factor Nfa-1 is a Hemerythrin with NAD(P)H-dependent Oxidoreductase Activity</i>
3	Boyapalle, Sandhya	<i>Prophylactic potential of Doubly-Stapled Peptides for Inhibiting Fusion of Respiratory Syncytial Virus to Host Target Cells</i>
4	Brown, Jean	<i>Novel Interleukin-7Rα (IL-7Rα) Mutations Causing Delayed Onset Isolated T Cell Immunodeficiency Disease</i>
5	Brumley, Jessica	<i>Bacterial Vaginosis, Perceived Racism and Perceived Stress among Black Women</i>
6	Damrongwatanasulk, Rongras	<i>Atopic Dermatitis in Patients with Agammaglobulinemia Is Associated with Cutaneous Staphylococcal Infections</i>
7	Duvalsaint, Marvin	<i>Endogenous production of abscisic acid by erythrocytic stages of Plasmodium falciparum</i>
8	Flores-Torres, Jaime	<i>Bacterial dysbiosis in an unusual model for studies of intestinal immune homeostasis</i>
9	Heinrichs, Jessica	<i>Alloantigen specific CD8+CD25+Foxp3+ Induced T regulatory cells display high potency and selectivity in suppression of Allo-response</i>
10	Hott, Amanda	<i>Defining the elusive artemisinin resistance phenotype in vitro of Plasmodium falciparum</i>
11	Jiang, Amy	<i>VRE Infection in Heme Malignancy Patients</i>
12	Katzman, Adam	<i>Necrotizing Pneumonia in Cancer Patients</i>

- 13 Knab, Andrea *Viridans Group Streptococci (VGS) bacteremia in neutropenic patients causing Adult Respiratory Distress Syndrome (ARDS)*
- 14 Kubiak, Catherine *MBL Polymorphisms in a US Cohort of Children with Recurrent Infection*
- 15 Lagishetty, Venu *Hyperoxia induced lung injury is associated with alterations in circadian clock genes in mice*
- 16 Laird, Chris *Evidence that the OmpR/EnvZ two component system is a transcriptional regulator of the Trw type IV secretion system genes in Bartonella henselae.*
- 17 Lima, Amorice *Zebrafish Embryo Model of Bartonella henselae Infection*
- 18 Nguyen, Huy *Aging is associated with altered IL-1 β , OPN, and antiviral gene expression and enhanced lung pathology in respiratory syncytial virus infections*
- 19 Niebur, Hana *Heterogeneous Pneumococcal Antibody Titers in Patients with Antibody Deficiency Receiving Subcutaneous Hizentra*
- 20 Olson, Daniel *Escherichia coli: An Important Pathogen in Patients with Hematologic Malignancies*
- 21 Parthasarathy, Prasanna
Tamarapu
22 Talreja, Neetu *Successful Desensitization to Agalsidase Beta After Anaphylaxis*
- 23 Tu, Nhan *Characterizing the General Stress Response in Bartonella henselae*
- 24 Wang, Jia-Wang *Lipopolysaccharide (LPS)-Responsive, Beige-Like Anchor (LRBA) is Involved in Autophagy Through Association With Microtubule-Associated Protein Light*
- 25 Whelan, Jillian *Respiratory Syncytial Virus Nonstructural Protein 2 (NS2): Exploitation of the Host Ubiquitin System*
- 26 Woods, David *Histone deacetylase 11 is a negative regulator of cytotoxic T-cell effector function and central memory formation*



Cancer Biology

- 27 Al Sawah, Entidhar *Perifosine, an AKT inhibitor, modulates ovarian cancer cell line sensitivity to cisplatin induced growth arrest*
- 28 Boutrid, Hinda *Malignant Murmur: A Case of Primary Left Atrial Sarcoma with Pelvic Metastases*
- 29 Clayman, Eric *PTEN deficiency induces VAV protein expression enhancing cytoskeletal remodeling in lung cancer*
- 30 Cruz, Alex *Metabolic Tumor Volume (MTV) is a Predictor of Survival in Borderline Pancreatic Cancers Treated with Neoadjuvant Therapy*
- 31 Engel, Brienne *Molecular Mechanisms of Aggressiveness of Osteosarcomas*
- 32 Fu, Jianing *T-bet Is Critical for Development of Acute Graft-Versus-Host Disease through Controlling T Cell Differentiation and Function*
- 33 Girard, Yvonne *Development of a novel 3D in vitro multicellular tumor spheroid model to screen anti-cancer drugs*
- 34 Kesl, Shannon *Dietary Ketone Supplementation Increases Blood Flow and Wound Closure in an Ischemic Model in Young and Aged Fisher Rats*
- 35 Kurian, Tony *Survival after Nephrectomy with Concomitant IVC Thrombectomy in the Context of Metastatic Renal Cell Carcinoma*
- 36 Kurtyka, Courtney *An E2F signature predicts benefit of adjuvant chemotherapy in early-stage non-small cell lung cancer*

37	Lungchukiet, Panida	<i>Role of Vitamin D and its Receptors in Suppressing Ovarian Cancer Invasion to Omentum</i>
38	Malaney, Perna	<i>Intrinsic disorder in PTEN and its interactome provides structural plasticity and functional versatility</i>
39	Mallela, Jaya	<i>11NPRA Signaling Regulates Stem Cell Recruitment and Angiogenesis: A Model to Study Linkage Between Inflammation and Tumorigenesis</i>
40	Midha, Shonali	<i>Epigenetic modulation of co-inhibitory molecules in Chronic Lymphocytic Leukemia (CLL)</i>
41	Nelson, Allison	<i>NPRA signaling in myeloid cell differentiation and cancer progression</i>
42	Nelson, Nadine	<i>The Role of the Ikaros Transcription Factor in Regulatory T Cell (Treg) Development and Function in a Murine Pancreatic Adenocarcinoma Model</i>
43	Pathak, Ravi	<i>Systems biology analysis predicts alteration in protein-protein interaction networks following loss of PTEN in the lung epithelium</i>
44	Pina, Yolanda	<i>Chemotherapy with Adjuvant 2-deoxy-D-glucose (2-DG): Role of HIF1α in p75 Neurotrophin Receptor (p75NTR) in Retinoblastoma and Glioblastoma Multiforme in Minority Populations</i>
45	Poff, Angela	<i>Effects of the Ketogenic Diet, Supplemental Ketone Administration, and Hyperbaric Oxygen Therapy on the VM-M3 Mouse Model of Metastatic Cancer</i>
46	Ramirez, Ingrid	<i>The BCL2 Antagonist of Cell Death (BAD) apoptotic pathway and cervical cancer cell sensitivity to cisplatin</i>
47	Tao, Jiangchuan	<i>Combined Treatment of BTK and PI3K Inhibitors Synergistically Disrupts BCR-signaling, Overcomes Microenvironment-mediated Survival and Drug Resistance in Mantle Cell Lymphoma</i>
48	Wang, Chunyan	<i>Multifunctional Chitosan Magnetic-Graphene Nanoparticles (CMGs): a Theranostic Platform for Tumor-targeted co-delivery of Drug, Gene and MRI contrast agent</i>
49	Zgheib, Nadim Bou	<i>MK2206, a selective AKT inhibitor, modulates ovarian cancer cell line sensitivity to carboplatin plus paclitaxel</i>
50	Zheng, Yin	<i>Perinephric fat density on pre-operative imaging is predictive of perinephric fat adherence and ease of surgical dissection during partial nephrectomy</i>



Cardiovascular

51	Beard, Richard	<i>Interleukin-18-induced BBB dysfunction involves decreased claudin-5 protein expression and is dependent on non-muscle myosin light chain kinase</i>
52	Donaldson, Erika	<i>Interaction of Apolipoprotein E with ApoER2 and VLDLR modulates MAPK-ERK signaling transduction</i>
53	Galam, Lakshmi	<i>Diindolylmethane Attenuates TGF β Mediated Human Lung Fibroblast Proliferation by Suppressing Matrix Metalloprotease-1 and Thrombospondin-2 Gene Expression</i>
54	Haines, Ricci	<i>Role of nmMLCK in VEGF Induced Intestinal Epithelial Monolayer Permeability</i>
55	Hooper, Justin	<i>Cardiac Arrhythmia Evoked by Inhalation of Capsaicin</i>
56	Marcet, Kristen	<i>Small for Gestational Age as a Marker for Postoperative Morbidity and Late Non-Surgical Mortality in Neonates Undergoing Patent Ductus Arteriosus Ligation</i>
57	Reynolds, Jason	<i>Focal Adhesions Regulate Endothelial Junctions via Myosin Light Chain Kinase During Neutrophil-Induced Hyper Permeability</i>
58	Tur, Jared	<i>Role of voltage gated potassium channel subunit Kvb1.1 in cardiac hypertrophy</i>
59	Wu, Mack	<i>Involvement of FAK and Src in Microvascular Hyperpermeability Caused by Fibrinogen-Gamma C-Terminal Fragments</i>

60	Wu, Rongqian	<i>CD44-mediated Src signaling in endothelial barrier dysfunction</i>
61	Yang, George	<i>A Novel Approach to EVAR Simulation Using Patient Specific Modeling</i>
 Chart Reviews and Other Case Studies		
62	Baumgarten, Adam	<i>Metallic Ureteral Stents: A Cost Effective Management of Chronic Ureteral Obstruction</i>
63	Capitena, Cara	<i>Initial Results of Treatment of Advanced Glaucoma with Ahmed "Wing" Valve</i>
64	DeRespino, Allison	<i>Extra-colonic Clostridium difficile Infection associated with Methotrexate use: A case report</i>
65	Engel, Chad	<i>Normal Variability in the Morphology of the Lumbar Disc Annuli and their Adjacent Endplates</i>
66	Goldman, Jamie	<i>Evaluation of Octreotide LAR Dose Optimization and Clinical Outcomes in Patients with Neuroendocrine Tumors: a Retrospective Chart Review Study</i>
67	Hayman, Lisa	<i>Oxygen Requirement as a Screening Test for Late Pulmonary Hypertension in Extremely Low Birth Weight Neonates</i>
68	Heck, Michelle	<i>Neurotoxoplasmosis: A common initial presentation among HIV-positive patients in the Dominican Republic in the HAART era.</i>
69	Igala, Sindhu	<i>Semi-Comatose Man for Seven Years Wakes Up to Walk out of Hospital</i>
70	Kent, Robert	<i>Peripheral Nerve Stimulation with Inter-lead Crosstalk Leading to Complete Pain Cessation in a Patient Suffering Post-Nephrectomy Syndrome</i>
71	Luria, Lynette	<i>Uncommon Clinical Scenario and Diagnostic Challenge: Primary Gastrointestinal (GI) Plasmablastic Lymphoma</i>
72	Mifsud, Matthew	<i>Treatment of Disseminated Melanoma with Metastasis to the Oropharynx</i>
73	Nguyen, Dat	<i>Understanding Human Rhinovirus Severity in Immunocompromised Bone Marrow Transplant Patients</i>
74	Nguyen, Johnny	<i>Colonic Medullary Carcinoma Mimicking a High Grade Lymphoma</i>
75	Nyanda, Hoka	<i>Linear IgA Bullous Dermatitis</i>
76	Pantazopoulos, Panagiotis	<i>Molecular Studies In Early Detection Of Minimal Residual Disease (MRD) Of B Lymphoblastic Leukemia S/P Transplant Correlated With Risk Of Relapse</i>
77	Patel, Midhir	<i>Primary Carcinosarcoma of the Liver: Radiologic and Pathologic Correlation</i>
78	Patel, Sandip	<i>Multi-Radicular Syndrome Secondary to Air Introduced into the Cervical Epidural Space – A Case Presentation</i>
79	Perrone, Michael	<i>An Advantage to Submuscular Breast Augmentation: Implant-Sparing Mastectomy in Breast Cancer Patients with Previous Augmentation</i>
80	Pham, John	<i>Prognostic Significance of VLA4 and CD44 Expression by Flow Cytometry in Multiple Myeloma.</i>
81	Prithviraj, Gopi	<i>The concomitant diagnosis of acute myelogenous leukemia and multiple myeloma in a patient presenting with hematuria</i>
82	Ramos, Andres	<i>Primary Stenting of Symptomatic Transplant Renal Artery and Ipsilateral Iliac Artery Stenosis.</i>
83	Sosa, Christopher	<i>The First Case of Urinary Tract Infection and Pancreatitis associated with Raoultella planticola in a Pediatric Patient</i>

84 Tahmasbi, Maryam *Synchronous Neuroendocrine Tumor of Small Bowel and Diffuse Large B-Cell Lymphoma Arising from Follicular Lymphoma: A Rare Case Report*



Clinical Science

- 85 Arnold, Elysse *Convergent and Discriminant Validity and Reliability of the Pediatric Anxiety Rating Scale in ASD*
- 86 Bowman, Ty *Precise Measures of Visceral Fat Emphasize the Role of Visceral Fat in the Biology of Pancreatic Cancer*
- 87 Burns, Jack *The Impact of Deliberate Practice on Operative Times of Transverse Rectus Abdominis Myocutaneous (TRAM) Flaps*
- 88 Couluris, Marisa *A Pilot Project Using Losartan to Treat Idiopathic Pulmonary Fibrosis*
- 89 Crawford, Erika *Neuropsychological Impairment in Youth with Obsessive Compulsive Disorder*
- 90 Hanks, Camille *Comparison of Self-Concept and Tic Severity in Youth with Tic Disorders as Assessed by the Piers-Harris Children's Self-Concept Scale*
- 91 Howard, Nicole *MINT I: Multi-Institutional Neo-adjuvant Therapy, MammaPrint Project 1*
- 92 Howell, Mark *Manganese-loaded Lipid-Micellar Nanoparticles (LMNs) for Lung Theranostics*
- 93 Jackson, Ryan *Microbiology of Rhinosinusitis in the Immunocompromised Cancer Population*
- 94 King, Morgan *Relationship Factors in Psychiatric Care Morgan King B.A. Department of Pediatrics and Psychiatry at USF*
- 95 Libous, Jennifer *Assessment of barriers and facilitators to worksite exercise in firefighters*
- 96 Linden, Ellen *Obesity definition in rhesus monkeys: anthropometric measurements, BMI, and human BMI equivalents, and comparative risks*
- 97 McGuire, Joseph *Social Deficits in Children with Chronic Tic Disorders: Phenomenology, Clinical Correlates and Quality of Life*
- 98 Melton, Stephanie *We are in this together: Spouse Perspectives of Living with a Loved One with Diabetes*
- 99 Muhammad, Adnan *Difference in outcome of patients with unresectable Hepatocellular carcinoma (HCC) when treated with Traditional chemoembolization (TACE) alone Vs. combination therapy with Sorafenib*
- 100 Nethers, Kevin *Factors influencing Prostate Specific Antigen (PSA) bounce phenomenon after High Dose Rate (HDR) brachytherapy treatment for Prostate Cancer (PCa)*
- 101 O'Brien, Keith *Exploring New Methods to Capture Patient Satisfaction at the Point-of-Care*
- 102 Ogg, Julia *Mental Health Needs in Medical Foster Care Children*
- 103 Perez, Matthew *Cutaneous Angiosarcoma: A Single Institution Review Matthew C. Perez BS USF Morsani COM and Moffitt Cancer Center (MCC),*
- 104 Pignataro, Rose *The Impact of Diabetic Peripheral Neuropathy: A Qualitative Inquiry*
- 105 Portis, Samantha *The use of the bioflavonoid luteolin as glycogen synthase-3 inhibitor and therapy for fragile X syndrome*
- 106 Rainey, Jessica *Initial examination of the feasibility of a novel approach in tumor therapy using magnetic nanoparticles and a spatially selective magnetic field.*
- 107 Russell, Christopher *Initial Experience With Robotic Assisted Retroperitoneal Partial Nephrectomy*

108	Ung, Danielle	<i>Inter-rater Reliability of the Anxiety Disorders Interview Schedule for the DSM-IV in High Functioning Youth with Autism Spectrum Disorder</i>
109	Weiss, Amy	<i>The Influence of Primary Care Provider Type on Adolescent Visits to the Emergency Department</i>
110	White, Joseph	<i>Patient expectations and recovery following major head and neck surgery</i>



Education

111	Bruno, Jennifer	<i>The Analytical Hierarchy Process as a Decision-Making Tool in Psychiatry</i>
112	Coovert, Sally	<i>Hey, Doc Is That Your Stethoscope? Increasing Engagement in Medical Education and Training with iPads</i>
113	Djulgovic, Mia	<i>Medical Students: Visual and Verbal Insights</i>
114	Ducey, Adam	<i>Predicting Pediatrician Tablet Computer Use: An Extended Technology Acceptance Model</i>
115	Haddox, Candace	<i>Nutrition Education: a curriculum to increase nutrition competency among medical students</i>
116	Horn, Gregory	<i>Teaching Needle Thoracostomy to First Responders: Confidence Improvements with Manikins and Cadavers</i>
117	Kunihiro, Susan	<i>Evaluation of the Health Equity and Social Determinants of Health Course in USF Morsani PSEP Summer 2012</i>
118	Mahmud, Asef	<i>An Innovative Look at Modern Education</i>
119	Schocken, Daniella	<i>Patient Safety in Undergraduate Medical Education</i>
120	Sellers, Eric	<i>The Advantages of Problem-Based Learning in Teaching High-Yield Medical Topics</i>
121	Shaffer-Hudkins, Emily	<i>Social Media Use by Individuals with Diabetes</i>
122	Silva, Melissa	<i>Efficacy of Guest Lecturers in Middle and High School</i>
123	Sinner, Gregg	<i>Group Testing: Group Dynamics and Effect on Student Performance</i>
124	Standley, Joseph	<i>"The Mannequin project": An innovative approach to teamwork and core competency development during residency</i>



Evidence Based Study Design and Outcomes

125	Lue, Kathy	<i>A Single Institution's Journey with Heller Myotomy</i>
126	Mhaskar, Rahul	<i>Impact of Quality of Reporting of Treatment-related Harms On Overall Therapeutic Effects</i>
127	Spence, Sean	<i>Autologous Chondrocyte Implantation and High Tibial Osteotomy: Patient Reported Outcomes</i>
128	Tsalatsanis, Athanasios	<i>Dual system model for medical decision-making: An extension to include diagnostic testing</i>
129	Vazquez-Otero, Coralía	<i>Are stress management interventions effective in improving glycemic control in adults with type 2 diabetes? A systematic review and Meta-Analysis</i>
130	Zhang, Xiaohui	<i>Overall Survival Analysis of Acute Erythroleukemia</i>



Molecular and Cellular Biology

- 131 Ahmad, Amier *The Effect of Altered Ratios of Cysteine/Cystine (Cys/CySS) and Hypoxanthine/Xanthine Oxidase (HX/XO) on Human Dermal Fibroblasts (HDFs)*
- 132 Bai, Ge *Discovery in Melatonin Derivatives against Alzheimer's Disease*
- 133 Braue, Jonathan *Identification of Modulators of Protein Acyltransferase from a Natural Product Library*
- 134 DeForte, Shelly *A sequence based analysis of disorder in sirtuin proteins*
- 135 Fratz, Erica *Protoporphyrin IX Accumulation and Light-Induced Cell Death Resulting from Overexpression of Murine Erythroid 5-Aminolevulinic Synthase Variants*
- 136 Fukumoto, Jutaro *ASC plays a role in maintaining epithelial integrity under oxidant stress*
- 137 Lorch, Robert *Inhibition of Apoptosis Signal-Regulating Kinase 1 Prevents Progressive Diabetic Nephropathy in Mice*
- 138 Qin, Yiru *One-step Fast and Facile Preparation of Graphene Quantum Dots from Graphite for Bioimaging Application*
- 139 Reddy, Krishna *Global sequence-based analysis of DHHC Palmitoyltransferases*
- 140 Yin, Huquan *MIR-217 Is A Major Inflammatory Regulator In Experimental Alcoholic Steatohepatitis*



Neuroscience

- 141 Acosta, Sandra *Intravenous Human Adipose Stem Cell Grafts Protect the Brain from Neurodegeneration, Motor and Cognitive Impairments: Biodistribution of hADSCs in Young and Aged Rats*
- 142 Aradi, Stephen *Development of Manganese-containing Chitosan Nanoparticles for Intranasal Delivery of RNA Interference to the Brain*
- 143 Blair, Laura *FKBP51/FKBP5 accelerates Alzheimer's disease pathogenesis by slowing tau turnover and altering tau aggregate structure*
- 144 Breydo, Leonid *Effects of different types of crowding agents on protein aggregation*
- 145 Chang, Jessica *Withania somnifera extract protects model neurons from in vitro traumatic injury*
- 146 Chen, Ming *High-energy compounds promote physiological processing of Alzheimer's amyloid- β precursor protein and boost cell survival in culture*
- 147 Dailey, Travis *Trophic Factor-Mediated Stem Cell Neuroprotection Against Kainic Acid Models of Epilepsy*
- 148 Darville-Bowleg, Lancia *In-depth Proteomic Analysis of Mouse Cochlear Sensory Epithelium by Mass Spectrometry*
- 149 Filonova, Irina *Translational regulation of Ube3a.*
- 150 Fiorelli, Tina *Correlative studies examining APP proteolysis under apoptotic and mitotic conditions provide valuable insights into pathogenic processing of APP*
- 151 Grieco, Joseph *Children Administered Minocycline Show Improvement in EEG, Neuropsychological Assessment Scores and Parent Defined Visual Analog Scales*
- 152 Grimmig, Beth *Disrupted Fractalkine Signaling Accelerates Aging and Leads to Impaired Cognitive Function*
- 153 Hernandez-Ontiveros, Diana *Inflammatory Role of CD36 in a Rat Model of Traumatic Brain Injury*

154	Housley, Steven	<i>Active immunization with Wild-Type and P301L Tau results in an immune response and changes in levels of tau in rTG4510 mouse model</i>
155	Jennette, Kyle	<i>Relative Influence of Spatial Reasoning vs. Processing Speed on Neurocognitive Performance in Women with Multiple Sclerosis</i>
156	Kamis, Danielle	<i>Sex and Laterality Differences in Parkinsonian Impairment and Transcranial Ultrasound in Never-Treated Schizophrenics and Their First Degree Relatives.</i>
157	Kaneko, Yuji	<i>Combination treatment of moderate hypothermia and mesenchymal stem cells amplifies neuroprotection in experimental hypoxic-ischemic injury: involvement of the opioid</i>
158	Kesayan, Tigran	<i>"Perceptual Magnitude Constriction in Parkinson's Disease"</i>
159	Kim, Dae Won	<i>Stem cells are finally starting to jell</i>
160	Kirouac, Lisa	<i>Cell cycle mediated hyperphosphorylation of APP at Thr668</i>
161	Li, Yaqiong	<i>Redefine the mechansim of THC against Alzheimer's Disease</i>
162	Masi, Sean	<i>The effect of Natalizumab (Tysabri) on sexual dysfunction in multiple sclerosis.</i>
163	Metcalf, Christopher	<i>Review of Melatonin and Neuroprotection in Stroke</i>
164	Nguyen, Huey	<i>Dysfunctioned Ca²⁺ handling system and decreased calpain activity in aged human fibroblasts: New paradigm for Alzheimer prevention</i>
165	Pabon, Mibel	<i>Brain region-specific histopathological effects of varying the trajectories of controlled cortical impact (CCI) model of traumatic brain injury</i>
166	Ramirez, Laura	<i>Cefdinir for New Onset Pediatric Neuropsychiatric Disorders</i>
167	Shinozuka, Kazutaka	<i>Social modulation of behavioral, physiological, and molecular changes following experimental stroke</i>
168	Song, Shijie	<i>Hippocampal Neurogenesis and the Brain Repair Response to Brief Stereotaxic Insertion of a Micro-needle</i>
169	Stratton, Lee	<i>Sound Location Processing in Schizophrenia Patients with Auditory Verbal Hallucinations</i>
170	Tajiri, Naoki	<i>MicroRNA, RT-PCR and immunocytochemical profiling of human temporal lobe epilepsy brain reveals an upregulation of miR-34b/c and a downregulation of miR-592 in the hippocampus and amygdala compared to the neocortex</i>
171	Trotter, Justin	<i>Modulation of Hippocampal Synaptic Function by Reelin Autocrine Signaling</i>
172	Zhao, Xingyu	<i>RanBP9 is also an important focal adhesion protein</i>



Nursing

173	Budhrani, Pinky	<i>Subjective Sleep Quality, Physical and Psychological Symptoms in Breast Cancer Survivors</i>
174	Carranza, Irina	<i>State of the Science: Evaluating Cognitive Functioning and Genes in Breast Cancer</i>
175	Chandler, Rasheeta	<i>HIV Prevention Needs of Black College Women</i>
176	Daugherty, Julie	<i>Evaluating the Effectiveness of a Mindfulness Based Stress Reduction Program in Patients with Chronic Tinnitus Disturbance</i>
177	Gordon, Jessica	<i>Stablization of Extra-uterine Life with Skin to Skin Contact</i>

- 178 Hsu, Pao-Chu *Prenatal Stress, Depression and Herpes Viruses Reactivation*
- 179 Paterson, Carly *Body Image in Younger Breast Cancer Survivors: A Review of the Literature*
- 180 Tai, Chun-Yi *Understanding how Taiwanese registered nurses make clinical decisions regarding patient care: A grounded theory approach*



Pharmacy

- 181 Braswell, Kaitlyn *Screening of Drugs for the Treatment of Synucleinopathies*
- 182 Castellanos, Glenda *Cigarette Smoke Extract Exposure Blunts Adenosine A2A-mediated Activation of cAMP, and its cAMP- dependent protein kinase, (PKA) and Stimulates Protein Kinase C (PKC) Activation Mediated Impairment of Adenosine A2A-stimulated Wound Repair in Bronchial Epithelial Cells*
- 183 Chapalamadugu, Kalyan *Redox regulation in diabetic heart*
- 184 Cheng, Feng *Gene Networks Implicated in Acetaminophen-Induced Hepatotoxicity*
- 185 Chew, Helen *Interactome of the anticancer herbal drug plumbagin*
- 186 Li, Minghua *MicroR-561 exaggerates acetaminophen-induced hepatotoxicity through down-regulation of DAX-1*
- 187 Li, Qi *Novel polymeric nanoparticles containing tanshinone-IIA from Chinese herbal medicine: Preparation, characterization, and antitumor activity*
- 188 Li, Yancong *Effects of a novel nano-particle on Human Non-Small-Cell Lung Cancer Cells*
- 189 Liang, Jun *Beclin 1 and nuclear factor-κBp65 as potential biomarkers for hepatocellular carcinoma*
- 190 Lin, Dong *Crizotinib induces autophagy and p21Waf1 and arrests cell cycle in G2/M by alternative targeting non-TK target Akt/mTOR pathway cascade*
- 191 Luo, Ruijuan *Metabonomics study on human hepatocarcinoma cells treated with tyrosine kinase inhibitors*
- 192 Naif, Athar *Thymoglobulin Induction Improves Cardiac Transplant Patient Outcomes*
- 193 Pandit, Ashish *Alcohol in Combination with Cigarette Smoke Exposure Induces Lung*
- 194 Persaud-Sharma, Vishwani *Characterization of Particle Size and Chemical Profiling of Electronic Cigarette Refill Cartridge Fluid*
- 195 Sun, Jiazhi *Indication switching of the FDA-approved anti-cancer tyrosine kinase inhibitors to treat metabolic diseases*
- 196 Vedi, Vrinda *'Preparation and in-vitro characterization of zosteric acid incorporated thermoreversible gel'.*
- 197 Wang, Qian *A New Nanoscaled Targeted Therapy for Osseous Tuberculosis*
- 198 Wang, Zhi-Xin *Bioinformatic prediction of the microRNAs that regulate ABC transporter genes*
- 199 Yin, Juanjuan *Estrogen Anchored multifunctional micelles Designed for Site-Specific Delivery of Doxorubicin prodrug in Breast Cancer Therapy*

Public Health and Community & Family Health

200	Gilling, Damian	<i>Pyrosequencing Assay for Rapid Detection of Burkholderia mallei and Discrimination from Burkholderia pseudomallei</i>
201	Agu, Ngozichukwuka	<i>Age and Gender differences in self-reported quality of life among older adults living in The Villages</i>
202	Barrett, Blake	<i>Do drug court participants reduce their levels of substance use over time, and does this differ by younger and older adults? Application of a mixed-effect, mixed-distribution model</i>
203	Brasseur, Nicole	<i>Sexuality education changes in Florida: Challenges and lessons learned from a community-based research project</i>
204	Brown, Kaylynn	<i>Developing a Community Research Review Committee as an Expansion of a Community Research Council to Promote Participation in Research Trials Among Medically Underserved Populations</i>
205	Calvo, Arlene	<i>Participatory Processes to Develop Innovative Tailored Health Education Material for Ngabe-Buglé Indigenous Communities in Panama</i>
206	Candanedo, Jessica	<i>“Correlation Between Sexting and Other Sexual Behaviors in Undergraduate Students.”</i>
207	Castro, Jeannese	<i>Evaluating a Community-Based Approach to Reducing Neighborhood Conflict through Positive Youth Development</i>
208	Chavez, Margeaux	<i>Evaluating the Impact of Urban Agriculture on Food Accessibility through GIS Modeling: An Assets-based Approach to Food Desert Research</i>
209	Clayborne-Harris, Candace	<i>Family-Centered Management of Birth Defects Diagnosis and Referral in Hospital Settings</i>
210	Dunn, Emily	<i>The Association Between Poverty and Formula Introduction in the Breastfed Infant</i>
211	Guevara, Pamela	<i>Binge Drinking and Risky Sex among Adolescents: An Application of Structural Equation Modeling</i>
212	Hilaire, Marcda	<i>Examining Medical Homes and Depression in Adolescents ages 10-17: A Secondary Analysis of the National Survey of Children’s Health 2007</i>
213	Ivory, Mary	<i>“About Me”: A Content Analysis of Older Women’s Online Vulnerability</i>
214	Johnson, Nicole	<i>Students With Diabetes: Education and Support for Living Well with Diabetes</i>
215	Luke, Sabrina	<i>Maternal Smoking by Trimester of Pregnancy and Severity of Fetal Growth Restriction in Small-for-Gestational-Age Infants</i>
216	Maness, Sarah	<i>A Systematic Review of Pregnancy Prevention Programs for Minority Youth in the U.S.: A Critical Analysis and Recommendations for Improvement</i>
217	Meltzer, Lauren	<i>Development of a Smoking Relapse-Prevention Intervention for Cancer Patients</i>
218	Myers, Jaime	<i>Just part of the game: Normalization of adverse online dating experiences among older women</i>
219	Nelson, Robert	<i>USF-UCF iPad Project-Bringing the classroom to the field: A tool to improve children’s quality of life in the Eastern Region of the Dominican Republic</i>
220	Panzer, Anthony	<i>What users want in an app: Design suggestions after use of currently available asthma self-management applications by teens and their healthcare providers.</i>
221	Pasha, Mahmooda Khaliq	<i>Factors Impacting Modern Contraceptive Use: An Analysis of the 2011 Uganda Demographic and Health Survey</i>
222	Rahman, Saba	<i>Sex on the beach: An in-depth situational analysis of school-based sexuality education changes in Florida</i>

- 223 Rodriguez, Maria *Informal Caregiving Burden and Quality of Life Within The Villages community*
- 224 Schneider, Tali *Family Physical Activity Practices and Adolescents Obesity*
- 225 Solomon, Monica *Impact of Religion and Spirituality on Depressive Symptoms in Older Adults*
- 226 Tyler, Susan *Social Foodways and Nutritional Risk: Complex Food Issues in The Villages, Fl., an Active Adult Retirement Community*
- 227 Williamson, Heather *Home and Community Based Services Waiver: Family Quality of Life as an Outcome Measure*

Environmental Health and Occupational Health

- 228 Desai, Ushang *Managing Public Health Risks Using Air Monitoring at a Former Manufactured Gas Plant (MGP) Site*
- 229 Mehra, Shabnam *SAS and Excel Go Hand in Hand for Automation: Data Management to Policy Reports*
- 230 Mendoza, Daniel *High-resolution Emissions and Concentrations of Carbon Monoxide and Fine Particulate Black Carbon in Fort Collins, Colorado: Toward Estimation of Exposures by Commute Route and Mode*
- 231 Sears, Jill *Impacts of Urban Forestry on Transportation Pollutant Reductions*
- 232 Siegel, Kristy *Exploring Physical Activity Levels and Health-Status of Older Adults in The Villages, FL*

Epidemiology & Biostatistics and Health Policy & Management

- 233 Adegoke, Korede *Spousal violence and unwanted pregnancy among married Nigerian women*
- 234 Anegebe, Evelyn *Prostate Cancer Treatment and Outcomes: 20-Year Experience at a Single Cancer Center*
- 235 Fishleder, Sarah *Chronic Disease, Depression, and the Buffering Effects of Social Cohesion: Healthy Healing in The Villages*
- 236 Makris, Alexia *A Study of the Effect of Distance from Transplant Center on Survival Post Liver Transplantation*
- 237 Rahman, Shams *Prognostic impact of lymph node retrieval and ratio in gastric cancer: A single center U.S. experience.*
- 238 Reljic, Tea *The Diagnostic Yield of Repeat Head Computed Tomography after Blunt Head Trauma: Systematic Review and Meta-Analysis*
- 239 Sebastio, Yuri *Cross-sectional correlates of long sleep: A longitudinal investigation of the Alameda County cohort*
- 240 Thompson, Erika *Addressing Transdisciplinary Women's Oral Health Research and Practice through Systems Thinking*

Global Health

- 241 Ancheta, Christine *Evaluating a novel antiviral peptide that inhibits influenza virus infection*
- 242 Baksh, Magda *Antagonistic Activities of Extremophile Kazakhstan Extracts Against Drug-Resistant Hospital-Associated Pathogens*
- 243 Bingham, Andrea *Development of a Mosquito Trap that Uses Sugar Feeding to Detect Eastern Equine Encephalitis Virus*
- 244 Bucher, Cynthia *Utilization of fluorescent microsphere immunoassay for detection and serotyping antibodies against influenza virus*

245	Campbell, Christopher	<i>Evaluation of a Putative Plasmodium MAPK-like Phosphatase for Antimalarial Drug Discovery</i>
246	Chan, Isabella	<i>Engaging the Local Community: Using Participatory Action Research to Understand the Maternal Experience in Carhuaz, Peru</i>
247	Falope, Oluyemis	<i>Spousal violence and modern contraceptive use among Nigerian women</i>
248	Gordon, Caitlin	<i>Consistency and Adequacy of Health Insurance for Immigrant Children</i>
249	Johnson, Amelia	<i>Epidemiological and Spatial Analysis of Dengue Cases in the Kuching District of Sarawak, Malaysia</i>
250	Kamath, Siddharth	<i>Identification of biomarkers in P. vivax infected human samples</i>
251	Matos, Samuel	<i>Su Corazon, Su Vida: Willingness to Participate in a Community-Based Heart Disease Prevention Program</i>
252	Mhashilkar, Amruta	<i>Ecdysone signalling pathway as a target for discovery of new drugs for lymphatic filariasis</i>
253	Neelamegam, Malinee	<i>Prevalence of Attention Deficit Hyperactivity Disorder (ADHD) in Primary School Children in Penang</i>
254	Roth, Alison	<i>Solution-phase Panning with anti-Influenza IgM Bead Capture</i>
255	Rutter, Amanda	<i>Molecular markers for in vitro artemisinin resistance in patient isolates from Southeast Asia</i>
256	Schwartz, Emily	<i>Livestock and Environmental Variables to Identify Possible Vulnerabilities for Rift Valley Fever along the Tanya River</i>
257	Sedillo, Jennifer	<i>Identification of a novel MAPK phosphatase in Plasmodium falciparum</i>
258	Talsma, Alexandra	<i>Development of a Confirmatory PCR assay to detect Onchocerca volvulus in pools of vector black flies</i>
259	Trindade, Theresa	<i>In vitro inhibition of dengue virus by palmerolide natural products</i>
260	Udenze, Kenneth	<i>Progeny cloning from a Plasmodium falciparum genetic cross: a collaborative project to identify genetic basis of artesunate resistance</i>
261	Xu, Shulin	<i>Development of A Luciferase and mCherry Expressing piggyBac Transgenic Plasmodium falciparum</i>



The Villages Charter Schools

262	DeVore, Connor	<i>Does the Amount of Propeller Pitch Affect the Forward Force and Speed of an Aircraft</i>
263	Dougherty, Kathryn	<i>Use Solar and Heliospheric Observatory to measure coronal mass ejection</i>
264	Fairchild, Kathryn	<i>Is There a Statistical Correlation Between Cancer, Alcohol, and Tobacco Use Among Military Men and Women?</i>
265	Gonzalez, Adriana	<i>Effect of two different types of fish food on the development of lettuce in an aquaponic system.</i>
266	Marion, Asia	<i>Which Wood Preservative Protects Best Against Deterioration in Soil</i>
267	Mead, Cassandra	<i>Now or Later?</i>
268	Nwaubani, Ugwumsinachi	<i>White Coat Syndrome</i>

269	Torres, Isabel	<i>Is there Gliosis in the Autistic Brain?</i>
270	Bautista, Byrell	<i>Do Sediments From Various Locations Contain Substances That Pose a Threat to Water-based Organisms?</i>
271	Coffey, Madison	<i>What is Required to Increase the Distance of Wireless Illumination of Fluorescent Lamps from a Tesla Coil's Electromagnetic Field?</i>
272	Fairchild, Elizabeth	<i>Utilization of a Red Worm Windrow to Reduce Volume and Density of Horse Manure to Minimize Ground Water Contamination in a Horse Stable or Farm Environment</i>
273	Infinger, Max	<i>What materials would better improve a salt water desalination generator</i>
274	Liu, Tiffany	<i>What plays the major roles in Myopia Development: Acquired Factors versus Genetic Factors</i>
275	Siverson, Hayden	<i>How Safe is Raw Milk?</i>
276	Upadya, Kunal	<i>Steer Assist-steering the world to a better driving experience</i>
277	Wiley, Brock	<i>Earth Power - Behavior vs. Weather & Moon Phases</i>



Sunshine ERC

278	Allen, Josh	<i>The impact of dispositional mindfulness on work-related stress and employee burnout: A meta-analytic review</i>
279	Bambaren, Pamela	<i>A Review of Healthy Workplace Practices</i>
280	Bauer, Jeremy	<i>The Role of Citizenship Pressure within the Organization</i>
281	Berarducci, Adrienee	<i>Increasing Osteoporosis Awareness in the Workplace</i>
282	Burgos-Martinez, Melanie	<i>The Relationship Between Breast Cancer and Shift Work</i>
283	Campbell, Karen	<i>Workplace Exercise Programs</i>
284	Chapman, Helena	<i>Novel anti-smoking health communication strategies in eighteen communities in the Dominican Republic</i>
285	Crespo Gonzalez, Janet	<i>Relationship Between Occupational Hazardous Noise Exposure and Increased Risk of Cardiovascular Disease</i>
286	Cruz Berrios, Odalys	<i>Workplace Violence in Puerto Rico: Recommended Engineering and Administrative Controls</i>
287	Elbadry, Maha	<i>Evaluation of Plasmodium falciparum multi-drug resistance -1 genotypes in Haiti</i>
288	Etienne, Nadia	<i>Nutritional Education</i>
289	Ferrer, Angel	<i>Comparison of WBGT and PHS Heat Exposure Assessment Methods</i>
290	Flores, Evelisse	<i>Musculo-Skeletal Problems among Public Transportation Drivers.</i>
291	Frye, Shari	<i>Commercial truck drivers and diabetes</i>
292	Gazica, Michele	<i>The Distinctiveness of Safety Climate and Violence Prevention Climate</i>

293	Gimon, Amie	<i>Encouraging Personal Protective Equipment and Social Acceptance</i>
294	Henderson, Michael	<i>Characterization of Airborne Nanoparticles Using Four Different Methods</i>
295	Hiles, Michael	<i>Heat Stress and Incident Rates for Heat-Related Disorders and Acute Injury during Deepwater Horizon Clean-up Operations</i>
296	Hudson, Cristina	<i>Understaffing: An Under-researched Phenomenon</i>
297	Johnson, Joseph	<i>Evaluation of Four Portable Cooling Vests for Workers Wearing Gas Extraction Coveralls in Hot Environments</i>
298	Lara, Humberto Olivero	<i>Quantifying the Ergonomic Impact of Needleless Jet Injectors on Healthcare Workers</i>
299	Lawandales, Justin	<i>Identification and Prevention of Lift Injuries</i>
300	Manapragada, Archana	<i>Beyond Safety: Safety Climate's Influence on Organizational Outcomes</i>
301	Marty, Adam	<i>Nanoparticle Generation and Size Characterization</i>
302	Maysonet Rementeria, Joanet D.	<i>Occupational Heat Stress: One Step Closer to Chronic Kidney Disease in Outdoor Working Tasks.</i>
303	Medina, Daniel	<i>Nanoparticle Leakage Through Staple Punctures in N95 Single Use Filtering Facepiece Respirators</i>
304	Molumby, Casey	<i>Noise Induced Hearing loss in the Workplace</i>
305	Moore, Hanna	<i>Falls Injuries in Construction Industry: A High Risk Industry</i>
306	Prieto, Paola	<i>Software Tools on Ergonomics Practices: A Users Perception</i>
307	Reuther, Eric	<i>Affects of Age and Experience On Injury Rates in Three Light Manufacturing Facilities</i>
308	Rivera, Iraidalys	<i>Relationship between effective educational programs in safety for young workers and injuries at work</i>
309	Serrano, Sheila M.	<i>Ergonomic Instruments and Techniques Used by Health Care Workers to Reduce Musculoskeletal Disorders in Humacao, Puerto Rico</i>
310	Titone, Kimelia	<i>Obesity in Firefighters: Prevalence and Prevention</i>
311	Uriarte, Stefanie	<i>Exposure to Hazardous Chemicals in Health Care Workers and Safety Culture</i>
312	Vaccaro, Margaret	<i>Workplace Bullying and Occupational Health</i>
313	Vera-Aquiino, Josue	<i>Relationship between insomnia and work stress</i>
314	Weppelmann, Thomas	<i>Lack of Plasmodium vivax infections and high frequency of the erythroid silent Duffy antigen genotype in Haiti</i>
315	Wittgenstein, John	<i>The Moderating Role of Personality on Workplace Conflict and Outcomes</i>
316	Yadira, Ortiz	<i>Prevention of Respiratory Diseases among Autobody Shops Workers</i>



Undergraduate

- 317 Allen, Ricci *Psychoeducational Implications of Neurodevelopmental Disorders in Early Childhood: A Case Study of OMS*
- 318 Attilus, Beatrice *HDAC inhibitors effect on tau, a-syn and TDP43- implication in neurodegenerative diseases*
- 319 Baumsteiger, Rachel *The Phenomenology of Distress in the Absence of Electronic Devices andIts Relationship with Other Types of Distress*
- 320 Benner, Leif *Selective HDAC6 Inhibition Significantly Reduces Total TAU Levels With Mild Memory Improvement in rTg4510 Mouse Model*
- 321 Castillo, Annie *Necrotic cells trigger ENaC suppression in human alveolar epithelial cells*
- 322 Chowdhari, Mariam *Generation of a novel regulated model of Parkinson's disease*
- 323 Grover, Aditya *Exploiting NFAT and CEBP δ mediated COX-2 expression for potential lung fibrosis therapies*
- 324 Hunt, Jerry *AAV-mediated tTA induces tau overexpression and activation of mTOR in TetO tau P301L transgenic mice*
- 325 Jani , Twisha *Screening of Tau targeting drugs for the treatment of Alzheimer's disease*
- 326 Khalil, Iman *Alterations in Cortical Dendritic Thickness in Mild Cognitive Impairment and Alzheimer's Disease*
- 327 Moran, Peter *Soluble Fractalkine Suppresses Neuron Loss and Tau Pathology In A Mouse Model Of Tauopathy*
- 328 Patel, Devki *Screening of Novel drugs to decrease tau protein in Alzheimer's disease*
- 329 Phan, Tam-Anh *The effects of caloric restriction on isolated brain mitochondrial function in a transgenic P301L tau mouse model of Alzheimer's disease*
- 330 Placides, Devon *Development and Characterization of Alpha-Synuclein Stable Cells For Therapeutic Targeting of the Polyamine Pathway*
- 331 Ratnasamy, Kevin *Integration of recombinant adeno-associated virus using the piggyBac transposable element*
- 332 Rodriguez-Ospina, Santiago *Arginase1 overexpression activates autophagy and reduces tau pathology in rTg4310 tau transgenic mice*
- 333 Sanneh, Awa *Overexpression of CCL2 induces Tau aggregation through the mTOR dependent autophagy pathway*
- 334 Swanta, Naomi *Prevention of Surgical Adhesion Using Narcistatin Delivered In Hydro Reversible Gel to Peritoneal Cavity Following Gynecological Surgery*
- 335 Vasconcellos, Julianne *Stroke: Taking Direct Aim at the Heart of the Problem*
- 336 Zivkovic, Sandra *Mitochondrial DNA mutations alter the effects of 5-aminoimidazole-4-carboxamide riboxide (AICAR) and rapamycin (sirolimus) on electron transport chain activity*



**MCOM SELECT Student Presentation Titles
Delivered at an Earlier Meeting**

Ian Mark and Chris Pothering, ***Clinic Flow in a Multidisciplinary Setting: The USF Diabetes Center***, Preceptor: Dr. Henry Rodriguez, USF Diabetes Center at the Morsani Center

Ian Osburn and Jennifer Chevinsky, ***There is No "I" in Team: A Quality Improvement Survey***, Preceptor: Dr. June Leland, James A. Haley VA

Rachel Appelbaum and Alexandra Printz, ***Improving the Bone Health Screening of Premature Infants***, Preceptor: Dr. Antoinette Spoto – Cannons, Complex Chronic Peds Center - St. Joseph's Children's Hospital

Justin R. Abbateamarco and Sasha Yakhkind, ***USF Healthy Weight Clinic Intake Form***, Preceptor: Dr. Denise Edwards, USF Healthy Weight Clinic

Kirk Chassey and Shawn Palmeri, ***Proactively Preparing Interns for their NICU Rotation***, Preceptor: Dr. Terri Ashmeade, NICU – Tampa General Hospital

Sven Oman and Yasir Abunamous, ***Multidisciplinary Care & Parkinson's: Miracle or Mess?*** Preceptor: Dr. Robert Hauser, USF Parkinson's Disease & Movement Disorders Center – Byrd Institute

Keith O'Brien and Kyle Ingram, ***A Multi-Disciplinary Definition of an Episode of Care for Patients in a Urogynecology and Pelvic Reconstructive Surgery Practice***, Preceptor: Dr. Lennox Hoyte & Dr. Renee Basally, USF Urogyn & Female Pelvic Reconstructive Surgery, USF Health South

Emma Qureshey and Aresh Ramin, ***Finding the Meaning in "Meaningful Use" of Electronic Health Records***, Preceptor: Dr. Elizabeth Lawrence & Dr. George Rankin, Turley Family Health Center (Baycare)

Kanchi Batra and Norman McKoy, ***Explorations of Team-Based Communication***, Preceptor: Dr. Sally Zachariah, VA Medical Center of Bay Pines – Division of Strokes

Kyle Correll, ***End of Visit Care and its Effect on Patient Compliance***, Preceptor: Dr. Pamela Grover, Dunedin Primary Care (BayCare)

To view the entire MCOM Select Student Presentation Titles, Abstracts and Posters including the USF Health Research Day Abstract Booklet, go to
<http://health.usf.edu/research/home.html>

