

TURNING SCIENCE INTO HEALTH

2014 Research DAY



24th Annual

USF Health
Research DAY

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SCHOOL OF PHYSICAL THERAPY
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MORSANI COLLEGE OF MEDICINE





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- ❖ MCOM Department of Internal Medicine



A Special Thank You to Our Patron Sponsors:





24th Annual Research DAY

Friday, February 21, 2014
Marshall Student Center
AGENDA

TIME	EVENT	LOCATION
4:00 pm – 6:00 pm	Presenters: Registration and Poster Set-up (Early registration: Feb 20 th , 4:00 pm – 6:00 pm)	Atrium/Ballroom
7:30 am – 9:30 am	Judges: Registration and Assignments	Atrium
8:00 am – 10:00 am	5th Annual Joseph Krzanowski, PhD USF Health Invited Oral Presentations	Oval Theater
10:00 am – 12:00 pm	Poster Judging Session	Ballroom
12:00 pm – 1:00 pm	Lunch Break	Atrium/ Ballroom
1:00 pm – 2:30 pm	18 th Annual Roy H. Behnke Distinguished Lectureship Dr. James W. Simpkins Director, Center for Basic and Translational Stroke Research West Virginia University <i>Title: “Wandering in Neurodegeneration Research: A Career of Running Against the Wind”</i>	Oval Theater
1:00 pm – 3:30 pm	Posters Available for Viewing Sunshine ERC Posters	Ballroom/Plaza Room
2:30 pm – 3:15 pm	Awards Ceremony	Oval Theater
3:30 pm – 4:00 pm	Posters Removed	Ballroom
4:00 pm – 5:00 pm	Reception	Atrium/Ballroom



**24th Annual
Research DAY**

18th Annual

Roy H. Behnke Distinguished Lectureship



PLACE:

Marshall Student Center Oval Theater

TIME:

1:00 p.m.

SPEAKER:

James W. Simpkins, Ph.D.

*Director, Center for Basic Translational Stroke Research
West Virginia University*

TITLE:

*"Wandering in Neurodegeneration Research:
A Career of Running Against the Wind"*

Sponsored by:

Department of Internal Medicine, Morsani College of Medicine, USF

18th Annual

Roy H. Behnke Distinguished Lectureship

Keynote Speaker



James W. Simpkins, Ph.D.

Director, Center for Basic and Translational Stroke Research



James W. Simpkins received his Ph.D. degree under the mentorship of the pioneering neuroendocrinologist, Joseph Meites at Michigan State University in 1977. He then joined the University of Florida where he rose through the academic ranks to a full professorship in 1986. At the University of Florida, he was the founding director of the Center for the Neurobiology of Aging, served as Chair of two departments and was appointed the Frank Duckworth Professor of Drug Discovery in 1996. In 2000, he became the Professor and Chair of the Department of Pharmacology & Neuroscience and Founding Director of the Institute for Aging and Alzheimer's Disease Research at the University of North Texas Health Science Center at Fort Worth. In 2012, he joined the faculty of the Department of Physiology and Pharmacology of West Virginia University and currently serves as the Founding Director of the Center for Basic and Translational Stroke Research. In 2012, he received the Harman Award for Lifetime Achievement for Aging Research from the American Association of Aging.

The author of more than 370 publications, his research has focused on the discovery of novel compounds for the treatment of age-related brain disorders, with a particular focus on Alzheimer's disease and stroke. His body of research has resulted in 21 issued patents.

From the Desk of:

*Phillip J. Marty, PhD
Associate Vice President, USF Health
Interim Chair, Department of Pathology
and Cell Biology,
Morsani College of Medicine &
Professor, Public Health and Medicine*



Dear USF Health/University Community:

This year marks the 24th “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 350 scheduled presentations submitted by students, staff, trainees and faculty.

An important aspect of our Research Day Program is the Annual Roy H. Behnke Distinguished Lectureship. This year, Dr. James Simpkins will be delivering the Distinguished Lecture titled "Wandering in Neurodegeneration Research: A Career of Running Against the Wind." Dr. Simpkins is Professor in the Department of Physiology and Pharmacology & Director, Center for Basic and Translational Stroke Research at West Virginia University.

*With this 24th Anniversary of Research Day, we continue to acknowledge the importance and value of research to USF Health and the University. Our goal is to continue to recognize, grow and enhance the research efforts of our students, trainees, staff and faculty. **USF Health Research Day** is just one of those special events during the year that is part of **ResearchOne**, sponsored by USF Research and Innovation. USF Health Research Day recognizes the hard work of all our researchers and especially our students and trainees, and the great contributions 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

<i>Abs #</i>	<i>Name</i>	<i>Abstract Title</i>
O-1	Ochotny, Misty	<i>Role of sirolimus in post-cardiac transplantation when compared to standard immunosuppressive therapies: a systematic review</i>
O-2	Acosta, Sandra	<i>Combination therapy of human umbilical cord blood cells and granulocyte-colony stimulating factor exerts neuroprotection in a chronic TBI model</i>
O-3	Cox, Ruan	<i>Hyperoxia Exposure Results in Decreased Expression of Pro-Resolution Receptor ALX/FPR2</i>
O-4	Franzen, Elisabeth	<i>Preliminary Sexual Behavior and Contraceptive Differences among Youth Participating in a State-Wide Positive Youth Development Program Evaluation</i>
O-5	Hudey, Stephanie	<i>Persistently Activated CD27+CD80+ B cells Following ART Correlate with Macrophage Activation</i>
O-6	Muhammad, Adnan	<i>Outcome and Predictors of Survival after Transjugular Intrahepatic Portosystemic Shunt (TIPS) in patients with Cirrhosis and Portal hypertension</i>
O-7	Rahman, Shams	<i>Maternal Diabetes Mellitus and the Risk of Childhood Mortality among Children with Birth Defects: a Large Retrospective Cohort Study</i>
O-8	Thompson, Erika	<i>Theory-Based Determinants of Physical Activity during Pregnancy: A Systematic Review</i>
O-9	Whelan, Jillian	<i>Exploitation of the Host Ubiquitin System by Respiratory Syncytial Virus Nonstructural Protein</i>
O-10	Wischhusen, Jonathan	<i>Factors Associated with Health Literacy in a Community-based Sample of Older Blacks</i>
O-11	Zhou, Zhiwei	<i>Induction of Apoptosis and Autophagy and Suppression of EMT via Sirt1-Mediated Pathway by Plumbagin in Human Prostate Cancer Cells</i>



Allergy, Immunology and Infectious Diseases

1	Balduzzi, Michael	<i>Impulse Oscillometry (IOS) is Easier than Spirometry for Older Asthmatic and Non-asthmatic Subjects</i>
2	Bellur, Adarsh	<i>Naegleria fowleri Virulence Factor Nfa-1 is a Hemerythrin with NAD (P)H-dependent Oxidase Activity</i>
3	Cheung, Michael	<i>Suppression of the Immune Response Due to Respiratory Syncytial Virus Infection in Mesenchymal Stem Cells</i>
4	Hudey, Stephanie	<i>Persistently Activated CD27+CD80+ B Cells Following ART Correlate With Macrophage Activation</i>
5	Laird, Chris	<i>New potential transcriptional regulators of Bartonella henselae type IV secretion systems</i>
6	Niebur, Hana	<i>Intestinal Perforation and Non-tuberculous Mycobacterial Peritonitis in a Patient with Interleukin-1 Receptor Associated Kinase 4 Deficiency</i>
8	Pemberton, Orville	<i>Non-Covalent Inhibitors: A Novel Method of β-Lactamase Inactivation</i>
9	Reiser, Michelle	<i>LRBA Subcellular Localization: Evidence of LRBA's Role in Vesicle Trafficking from the Golgi to Cell Membrane and Endocytosis</i>

- 10 Rifkin, Eileen *Real-time PCR quantification of Virginia live oak (Quercus virginiana) pollen*
- 11 Rogers, Elizabeth *Impact of Lupus on Lipid Handling in THP-1 Human Macrophages*
- 12 Sampayo-Escobar, Viviana *Osteopontin (OPN) Plays a Critical Role in Respiratory Syncytial Virus (RSV) infection*
- 13 Tabatabaian, Farnaz *Aggressive or Invasive Allergic Fungal Sinusitis?*
- 14 Tu, Nhan *Identification of Bartonella-specific putative regulatory RNAs using RNA-Seq*
- 15 Updegraff, Adam *Clinical Experience With Oxaliplatin (O) Desensitization (OD): A Case Series*
- 16 Wang, Jia-Wang *LRBA Causes Immunodeficiency and Autoimmunity by Deregulating NFkB-mediated Multiple Immune Effectors Critical for B Cell Activation*
- 17 Whelan, Jillian *Exploitation of the Host Ubiquitin System by Respiratory Syncytial Virus Nonstructural Protein*



Cancer Biology Research

- 18 Das, Mahasweta *A "Nano-cell" strategy to treat lung cancer*
- 19 Flaherty, Amber *IDH1 Mutation in Prostate Cancer: R132H and Beyond*
- 20 Green, Ryan *Expansion of a Cancer Stem Cell Sub Population by Culture on a 3D Fibrous Scaffold*
- 21 Hu, Chen *Ubiquitin Specific Peptidase 10 (USP10) Deubiquitinates and Stabilizes MutS Protein Homolog 2 (MSH2) to Regulate Cellular Sensitivity to DNA Damage*
- 22 Hu, Chengbin *Targeting Epithelial-Mesenchymal Transition in the Treatment of Ovarian Cancer*
- 23 Kasiappan, Ravi *1,25-dihydroxyvitamin D3 increases cisplatin sensitivity in ovarian cancers through microRNA-498*
- 24 Kathiriya, Jaymin *Identification of Structurally Disordered Kinases as Functional Kinome Hubs*
- 25 Kothari, Nishi *Aspirin as targeted therapy? Evaluating the PIK3CA mutation as a predictive biomarker in colorectal cancer patients.*
- 26 Malaney, Prerna *Synergistic role of PTEN and Lkb1 loss in KRAS-driven lung cancers*
- 27 Mauro, James *Functionally distinct gene classes as larger or smaller transcription factor traps*
- 28 Nair, Sajitha *Identification & characterization of leukemia inducing factor: A novel diagnostic tool to identify acute lymphoblastic leukemia and diffuse lymphoma*
- 29 Nelson, Nadine *The Role of Ikaros in Treg Development and Function in a Murine Pancreatic Cancer Model*
- 31 Poff, Angela *Non-toxic metabolic therapy – ketosis and hyperbaric oxygen – elicit potent anti-cancer effects in vivo and in vitro*
- 32 Quarni, Waise *VDR-RIPK1 Complex and its Implication in Vitamin D Action and Necroptosis*
- 33 Reyna, Chantal *Axillary Burden of Disease Following False Negative Preoperative Axillary Evaluation*

- 34 Suleiman, Yaman *The results of a phase I study of combination of gemcitabine plus pasireotide (SOM 230) LAR in metastatic pancreatic cancer (MPC).*
- 35 Sun, Yuefeng *BMP4 Works through ID1 to Regulate FOXO1 Activity and Prostate Cancer Cell Growth and Invasion*
- 36 Wells, Nicole *Roles of IL-10 and I-309 Cytokines in Reproductive Cancers*
- 37 Xiang, Shengyan *HDAC6 deacetylates and ubiquitinates MSH2 to maintain proper levels of MutSa*



Cardiovascular Research

- 38 Aslam, Sadaf *Selected Urinary Biomarkers as Early Risk Predictors of Renal Injury in Obese and Dysmetabolic Nonhuman Primates*
- 39 Bettin, Margaret *Gender Differences in Presentation of Coronary Artery Disease in Patients Undergoing Stress Echocardiography and Nuclear Perfusion*
- 40 Deng, Wei *Cardiomyocyte sialylation and complex N-glycosylation protect against dilated cardiomyopathy and heart failure*
- 41 Doggett, Travis *Alcohol-induced endothelial hyperpermeability is diminished with inhibition of p38 MAP Kinase*
- 42 Haines, Ricci *PTK6 mediates intestinal endothelial barrier dysfunction in response to TNF α*
- 43 Harvey, Maria *Intramural hematoma of the aortic root and ascending aorta: A rare complication following transcatheter aortic valve replacement (TAVR)*
- 44 Hooper, Justin *Arrhythmia evoked by airway nociceptive reflexes in healthy and cardiovascular diseased rats*
- 45 Zhang, Xun *Sphingosine-1-Phosphate (S1P) enhances endothelial barrier function independently of Rac1*



Chart Reviews and Other Case Studies

- 46 Abboud, Elia Charbel *Do Silver-Based Wound Dressings Reduce Postoperative Pain in Colorectal Surgery?*
- 47 Ahmad, Amier *Mucoepidermoid Carcinoma Arising in the Anophthalmic Socket: A Case Study*
- 48 Baksh, Kathryn *Correlation between PET-FDG activity post-neoadjuvant chemoradiotherapy and tumor regression grade in locally advanced esophageal cancer*
- 49 Black, Kaelan *Juvenile Ossifying Fibroma: Successful Endoscopic Gross Total Resection of a Rare Sinonasal Tumor in an Adolescent Male*
- 51 Cameron, Michael *Node-Positive Papillary Thyroid Cancer: Predictive Factors for Recurrence after Surgery*
- 52 Dalia, Samir *A New Prognostic Index In Diffuse Large B-Cell Lymphoma Using Serum Albumin: a pilot study evaluating the albumin adjusted-International prognostic index*
- 53 Garrott, Ben *Incidental Colorectal Wall Thickening on CT: Evaluation of Prevalence, Significance, and Management*
- 54 Gerardi, Diana *Serotonergic or Anticholinergic Toxidrome: Case Report of a 9 year-old Girl*
- 55 Gillispie, Miriah *Rate of Remission in Polyarticular Juvenile Idiopathic Arthritis: A Practice Based Study*
- 56 Grana, Alejandra *Need for Tube Thoracostomy Following Patent Ductus Arteriosus Ligation in Premature Infants*

57	Grewe, Stefanie	<i>A case of primary melanoma in situ without regression presenting as a depigmented patch</i>
58	Hagele, Thomas	<i>Bullous Morphea</i>
59	Hernandez, Sarah	<i>Dronabinol Treatment of Refractory Nausea and Vomiting Related to Peritoneal Carcinomatosis</i>
60	Holdener, Stephanie	<i>Chronic NK Cell Lymphoproliferative Disorder/Lymphocytosis, Nature of Disease and a Long-Run Follow Up</i>
61	Kuk, Amber	<i>Conservative Inpatient Refeeding Yields Modest Outcomes in Adolescents with Anorexia Nervosa and Eating Disorder Not Otherwise Specified</i>
62	Manimala, Neil	<i>Passing out from fatigue? Neurocardiogenic syncope as a presentation of chronic fatigue</i>
63	Moore, Nerissa	<i>Cystic Soft-Tissue Sarcoma Disguised as Chronic Hematoma: Complete Excision for Thorough Pathologic Examination is Crucial for Diagnosis</i>
64	Ng, Emily	<i>Does Socioeconomic Status Matter With Perioperative Outcomes After Robotic-Assisted Pulmonary Lobectomy?</i>
65	Patel, Midhir	<i>It's hard to see what's not there: A case of cryptorchidism that evolved into intra-abdominal metastatic seminoma</i>
66	Patel, Ronak	<i>Hurdling obesity in the road to renal transplantation</i>
67	Patel, Rupal	<i>Chronic opioid users are more difficult to sedate than alcoholics and non-substance users</i>
69	Peir, Gene	<i>Safety and Efficacy of Bosentan in Infant Pulmonary Hypertension</i>
70	Posey, Lela	<i>Negative Pressure on Silver Nylon Dressings: Does it Reduce Infection Rates?</i>
71	Rastogi, Prerna	<i>Clinical Features And Outcome Of Clonal Mastocytosis Secondary To Chronic Myelomonocytic Leukemia (SM- AHNMD/CMML) Given Diverse Therapies</i>
72	Rodriguez, Kathryn	<i>Inter-Clavicular Stabilization with the Synthes Sternal Fixation System after Radical Manubriectomy</i>
73	Shamekh, Rania	<i>Sublingual dermoid cyst: A case report</i>
74	Sharma, Saurabh	<i>Orbital complications of acute sinusitis in neonates and infants: A systematic review of 50 years and a case presentation</i>
75	Soni, Kiran	<i>Primary Cutaneous Fungal Infections in Oncology Patients</i>
76	Thau, Matthew	<i>Effect of body mass index on operative complications after robotic-assisted ivor-lewis esophagogastrostomy: Retrospective analysis of 133 cases</i>
77	Vu, Kristie	<i>High utilization of liver transplantation for hepatocellular carcinoma: Is it concerning?</i>
78	Yesudas, Jeremy	<i>Secondary Malignant Transformation of Giant Cell Tumor: Case Review of a Rare Occurrence</i>
79	Zayko, Olga	<i>The surgical treatment of breast cancer in female veterans compared to the civilian population.</i>



Clinical Research

- 80 Abbott, Andrea *Vaginal and Vulvar Melanoma is Associated with a High Rate of Regional Nodal Disease*
- 81 Atchsion, Christie *Development of New Risk Models for Hospital-Acquired Venous Thromboembolism in Children: Findings from a Large Single-Institutional Case-Control Study*
- 82 Colizzo, Jason *Elevated intrabolus pressure on high resolution manometry distinguishes fibrostenotic and inflammatory eosinophilic phenotypes*
- 83 Doren, Erin *Effects of Obesity on Satisfaction with Breast Cancer Operations: An Outcomes Study*
- 84 Garate, Arantazu *Follow-up Attendance among USF BRIDGE Physical Therapy Patients*
- 85 Greenberg, Erin *Quantitative image analysis applied to the grading of vitreous haze*
- 87 Hoggard, Timothy *Impaction Grafting for Repair of Proximal Humeral Fractures with Hemiarthroplasty: Thermal and Biomechanical Implications*
- 88 House, Jarret *Diagnostic Digital Cytopathology: Are We Ready Yet?*
- 89 Keene, Amanda *Preliminary Results from a Study Examining Sleep-Related Problems among Anxious Youth with Autism Spectrum Disorders*
- 90 Klein, Aimee *A Biomechanical Analysis of the Relationship Between Hip Anatomy and Lower Extremity Musculoskeletal Injuries in Ballet Dancers*
- 92 Mahmood, Umbareen *How Does Procedure Type Affect the Impact of Breast Cancer on Women's Lives*
- 93 Mayer, John *Low Back Pain in the US Military: Epidemiology, Prevention, and Current Research*
- 94 Muhammad, Adnan *Outcome and Predictors of Survival after Transjugular Intrahepatic Portosystemic Shunt (TIPS) in Patients with Cirrhosis and Portal Hypertension*
- 95 Murphy, Travis *Variable Calcium Changes in Response to Surgery*
- 96 Nguyen, Johnny *Practical Application of Next-Generation DNA Sequencing in Detection of ASXL1, RUNX1, EZH2, ETV6, and TP53 Mutations in Patients with Myelodysplastic Syndrome*
- 97 Patel, Priya *Antibiotic Treatment Trial for the PANDAS/PANS Phenotype*
- 98 Pavan, Reed *Postmortem Ultrasound and OCT Imaging of the Posterior Segment*
- 99 Rigaud, Whitney *Evaluating the Recovery Curve for Clinically-Assessed Reaction Time Following Concussion Injury*
- 100 Soto, Jose *Awareness of ongoing clinical trial information: physicians' and clinical trial administrators' perspectives*
- 101 Taitano, Andrew *Bariatric Surgery Improves Histological Features of Nonalcoholic Fatty Liver Disease and Liver Fibrosis*
- 102 Tao, Jiangchuan *Correlation of c-MYC, EZH2, IKZF1 and p-STAT5 Expression to the Prognosis of Adult B Lymphoblastic Leukemia*
- 103 Teefey, Christina *Maternal serum galectin-3 is correlated with obesity*

104 Tzekov, Radouil *Ocular changes in patients with Spinocerebellar ataxia type 7*



Community, Family and Global Health Research

105 Ismail, Taheen *Underlying Causes of the Low Level of Fully Immunized Children in Rural Aligarh, Uttar Pradesh, India*

106 Madow, Brian *Remote screening for Diabetic Retinopathy*

107 Shamas, Eric *Voces de Cedro Galan: Community Based Participatory Research in a Resource Poor Region of Nicaragua*

108 Wischhusen, Jonathan *Factors Associated with Health Literacy in a Community-based Sample of Older Blacks*



Education Research

110 Burns, Jack *The Impact of Deliberate Practice in the Acquisition of Surgical Skills*

111 Cronin, Kevin *What Factors Influence a 4th Year Medical Student's Rank Order List?*

112 Goshev, Anastasia *Interprofessional - Interdisciplinary Education: Simulating the future of healthcare to prepare the Professionals of tomorrow*

113 Horn, Gregory *Fundamentals of Laparoscopic Surgery Skill Acquisition: A comparison of blocked versus interleaved practice*

114 Lozano, Aaron *Learning to be a First World Physician in a Third World Country*

115 Merritt, Raymond *How Many Ultrasound Examinations Are Necessary To Gain Proficiency In Accurately Identifying The Nerves Of The Brachial Plexus?*

116 Narayanan, Shreya *Nutrition Education: a curriculum to increase nutrition competency among medical students*

117 Nguyen, Jacqueline *Neonatal abstinence syndrome management: A quality improvement (QI) initiative to educate caregivers, and providers in the outpatient setting.*

118 Patel, Soha *Diabetic Ketoacidosis (DKA) in Pregnancy: A Comprehensive Simulation to Improve Patient Safety & Quality of Care*

119 Pierce, Jacob *Examination of the factors influencing research efficiency*

120 Raturi, Rita *Improving Collaborative Global Communications*

121 Schutt, Charles *Anatomy and Physiology: A curriculum to increase medical competency of URM high school students and promote medicine as a possible career option.*



Evidence Based Study Design and Outcomes Research

122 Cain, Mary *Timing of delivery of a gastroschisis affected pregnancy and its impact on perinatal outcomes and hospital costs*

123 Doepker, Matt *Predictors of improved survival in patients undergoing pulmonary metastasectomy for sarcoma*

124 Gil-Herrera, Eleazar *An iOS-based Application for Pain Management*

- 125 Govsyeyev, Nicholas *A Multi-Institutional Series of Pure Myxoid Liposarcomas of the Extremities and Torso*
- 126 Konstantinovic, Monique *Sentinel node biopsy is indicated for thick clinically node-negative melanoma*
- 127 Kosco, Jonathan *Factors associated with sentinel node positivity in patients with thick cutaneous melanoma ($\geq 4\text{mm}$)*
- 128 Lu, Samson *Culture Change in Trauma Surgery: Implementing a Standardized Handoff Checklist*
- 129 Sutton, Sutton *Acute Appendicitis: Variation in Treatment and Outcomes by Insurance Status*
- 130 Teefey, Patrick *Frozen-section reliability to identify endometrial cancer high-risk factors*
- 131 Wao, Hesborn *Change in Providers' Knowledge Following ECHO, a Telehealth Training on HIV/AIDS Care: Meta-Analysis of Evaluation Data*



Molecular and Cellular Biology Research

- 132 Adderley, Shaquria *Variable roles of the H1-H3 receptors and PKC in histamine-induced barrier dysfunction in cultured endothelial cells from different sources.*
- 133 Cox, Ruan *Hyperoxia Exposure Results in Decreased Expression of Pro-Resolution Receptor ALX/FPR2*
- 134 DeForte, Shelly *Sequence-based classification of enzymes with an emphasis on the applicability of intrinsically disordered regions*
- 135 DeNigris, John *Altered Dermal Fibroblast Behavior in a Collagen V Haploinsufficient Model of Classic Type Ehlers Danlos Syndrome.*
- 136 Flowers, Antwoine *Impact of NT-020 treatment on gene expression in growth, survival, and senescence signaling pathways in an In-Vivo model of aging in the hippocampus*
- 137 Fukumoto, Jutaro *Deletion of ASK1 protects against hyperoxia-induced acute lung injury*
- 138 Hamel, Laura *Screening for Chemical Modulators of Protein Palmitoylation*
- 139 Ho, Shannon *From Proteomics to Personalized Medicine? The VEGFR-2 Protein Complexes in Human Placentas Near Term*
- 140 Howell, Mark *In Vitro Anticancer Drug Screening Using a 3D Fibrous Scaffold*
- 141 Huang, Kevin *Vascular Maturation and Cellular Infiltration of Electrospun Scaffolds for Fibrous Tissue Repair via VEGF and PDGF Delivery from Sacrificial Fibers*
- 142 Johnson, Tamina *Development of Recombinant Functional Biomaterials for Neuronal Regeneration*
- 143 Kesl, Shannon *Methods of Sustaining Dietary Ketosis in Sprague-Dawley Rats*
- 144 Lee, James *Nrf2, Sirt1, and PGC1 α mediate improvements in oxidative stress after Roux-en-Y gastric bypass surgery*
- 145 Liu, Wei *HDAC6 Ubiquitinates RIP3 and Stimulates Programmed Necrosis*
- 146 Malipeddi, Jashwanth *Feature extraction of the palmitoylproteome through sequence-based analysis*

- 147 Nicotra, Cassandra *The basal oscillating secretory release of insulin from β cells is not driven by a feedback loop with either glucose or glucagon*
- 148 Qin, Yiru *In vitro Immunotoxicity Evaluation of Graphene Quantum Dots*
- 149 Reddy, Krishna *A putative molecular recognition feature in zDHHC S-palmitoyltransferase C-termini is essential for zDHHC9 and ERF2 function in vivo*
- 150 Stojanovski, Bosko *Effect of pH and temperature on the structural integrity of 5-aminolevulinic acid synthase*
- 151 Wang, Chunyan *Enhancing the Multilineage Differentiation of Bone Marrow Derived Mesenchymal Stem Cells in Three Dimensional PEG-Chitosan-Graphene Based Hydrogel*
- 152 Wang, Miqi *Effects of local anesthetics on differentiation potential of human mesenchymal stem cells*
- 153 Young, Ryan *The Use of Human Sweat Metabolites as Bait for Monitoring Vectors of Onchocerciasis in West Africa and Latin America*
- 154 Yuan, Yuan *Elastin like Peptides (ELPs) Modulate Cellular Behavior through interaction with Cell Surface Glycosaminoglycans*



Neuroscience Research

- 155 Acosta, Sandra *Combination therapy of human umbilical cord blood cells and granulocyte-colony stimulating factor exerts neuroprotection in a chronic TBI model*
- 156 Ahmed, Jamileh *Analysis of iPSC-Derived Dopaminergic Neuron Susceptibility to Influenza and Excitotoxicity in Non-Affective Psychosis*
- 157 Bastawrous, Marina *Dopaminergic Cell Loss as a Pathological Link between Traumatic Brain Injury and Parkinson's Disease*
- 158 Blankenship, Stephanie *Novel Therapeutics Improve Motor Coordination and Seizure Activity in an Angelman Syndrome Mouse Model*
- 159 Breydo, Leonid *Solvent Interaction Analysis of Intrinsically Disordered Proteins in Aqueous Two-phase Systems*
- 160 Brown, Lecia *Evaluation of the Quantification of HIV Viral load & Chemistry Analytes in Cerebrospinal Fluid in Kisumu, Kenya.*
- 161 Chen, Ming *High-energy compounds mobilize intracellular Ca^{2+} and activate calpain in SH-SY5Y neurons*
- 162 Citron, Bruce *Treatment of Mild Traumatic Brain Injury in Mice With a Nrf2 Activator Affects Dendritic Complexity*
- 163 dela Pena, Ike *Granulocyte colony stimulating factor (G-CSF) attenuates hemorrhagic transformation after delayed tPA treatment in a rat experimental stroke model*
- 164 Dinh, Trish *Effects of genetic and environmental modulator in schizophrenia etiology*
- 165 Eisel, Sarah *COMT, BDNF, CLSTN2, and Cognitive Function*
- 166 Ferrell, Darren *Mechanistic evaluation of efavirenz neurotoxicity: Implications for cognitive impairment*
- 167 Grieco, Joseph *The Effect of Minocycline in the Treatment of Children with Angelman Syndrome: A Pilot Study*
- 168 Grimmig, Beth *Fractalkine signaling mediates cognitive decline during aging across cognitive domains.*

- 169 Habib, Ahsan *Mycoplasma hyorhinitis* markedly degrades β -amyloid peptides *in vitro* and *ex vivo*: a novel biological approach for treating Alzheimer's disease?
- 170 Hernandez-Ontiveros, Diana *CD-36 a novel inflammatory marker in a rat model of traumatic brain injury*
- 171 Kamis, Danielle *Parkinsonism and Transcranial Ultrasound in Schizophrenics and Healthy Relatives: Sex and Laterality*
- 172 Kim, Seol-Hee *Effect of Methylsulfonylmethane (MSM) Against HIV-1 Tat Induced Oxidative Stress*
- 173 Kirouac, Lisa *A functional relevance of proliferation-associated proteins in Alzheimer's disease*
- 174 Lambert, Chase *Varenicline ameliorates spatial and temporal gait deficits following 3-acetylpyridine-induced ataxia in rats*
- 175 Lee, Jea-Young *Treatment of young and aged rats increases nuclear expression of Nrf2 and Beta-catenin*
- 176 Li, Song *A β 1-17 antibody 6E10 blocks APP α -cleavage and promotes membrane accumulation of β -CTF*
- 177 Obregon, Demian *GFAP expression and social deficits in transgenic mice over expressing human sAPP α*
- 178 Pabon, Mibel *Gender-linked differences of stem cell alterations in stroke*
- 179 Pantcheva, Paolina *G-CSF reduces endothelial progenitor cell injury after delayed tPA treatment in an *in vitro* model of oxygen-glucose deprivation*
- 180 Phan, Tam-Anh *The effects of caloric restriction on isolated brain mitochondrial function in a transgenic P301L tau mouse model of Alzheimer's disease*
- 181 Portis, Samantha *The use of the bioflavonoid luteolin as therapy for fragile X syndrome*
- 182 Shahaduzzaman, Md *Anti- α -Synuclein Antibodies Provide Neuroprotection and Reduce Behavioral Deficit In an AAV- α -Synuclein Rat Parkinson's disease Model*
- 183 Smith, Adam *Improving Lithium Therapeutics by Crystal Engineering of Novel Ionic Cocrystals*
- 184 Sullivan, Robert *Trophic Factor-Mediated Stem Cell Neuroprotection Against Kainic Acid Models of Epilepsy*
- 185 Tajiri, Naoki *Hyperbaric oxygen treatment and exercise attenuate behavioral and histological deficits in adult rats exposed to experimental traumatic brain injury*
- 186 Woo, Jung A *Coordinated Roles of Cofilin, SSH1, and β 1-Integrin Engagement in A β Oligomer-Induced Neurotoxicity and APP processing*
- 187 Yoo, ARum *Neurological and histopathological deficits in adult rats exposed to a middle cerebral artery occlusion with an incomplete reperfusion*
- 188 Zivkovic, Sandra *A citric acid cycle ester restores mitochondrial function in a cellular model of Parkinson's disease*



Nursing Research

- 189 Farias, Jerrica *Analysis of Alert Programs for Missing Persons with Dementia*
- 190 Marcolongo, Ellen *The Relationships Between Sleep Disturbances, Depression, and Inflammatory Markers in Female Veterans*



Pharmacy Research

- 191 Alnajm, Sammy *Pathway Analysis of Smoking Effects on Human Lung Gene Expression*
- 192 Cao, Chuanhai *TCR clonality in T cell subpopulation as biomarker to differentiate AD and PD*
- 193 Cheng, Feng *Sex difference in the brain of patients with Down's syndrome*
- 194 Cheng, Jiang *Polymer micelle-encapsulated mutant A β fragment as Alzheimer's disease vaccine targeting oligomeric A β*
- 195 Chow, Kevin *Prediction of microRNAs that may regulate human cytochrome P450 genes*
- 196 Cowart, Kevin *Using the multiple-mini-interview (MMI) as a tool to predict success in pharmacy school*
- 197 Dantuma, Danielle *Metformin and Atorvastatin combination utilized for improved drug delivery for patient compliance.*
- 198 Dell, Kamila *Evaluating Exam Question Writing Practices in a Pharmacotherapeutics Series at a New College of Pharmacy*
- 199 Ding, Yonghui *Role of the Aurora Kinase A inhibitor, Alisertib, in the Treatment of Ovarian Cancer*
- 200 Dixon, Jendayi *Characterization of H358, Non-small Lung Cell Carcinoma using the Electric Cell-substrate Impedance Sensing (ECIS[®])*
- 201 Durlacher, Cameron *Targeting Na⁺/K⁺ ATPase in the Treatment of Prostate Cancer*
- 202 Elmaddawi, Rania *Microgravity research and personalized medicine: a new challenge to pharmacists*
- 203 Guo, Xiaofang *Development of Acquired Sorafenib Resistance in an In Vivo Model For Human Lung Cancer*
- 204 Li, Hai *Treatment of human colorectal cancer by Na⁺/K⁺ ATPase inhibitors*
- 205 Li, Hui *Brain microRNA profiling in spontaneously hypertensive rats*
- 206 Li, Jinping *Inhibition of Mitotic Aurora A Kinase in the Treatment of Breast Cancer*
- 207 Li, Ming *Role of MicroRNA-21 in the Immune Response and Programed Cell Death of Human Lung Epithelial Cells Exposed to Particulate Matters*
- 208 Li, Minghua *MiR-299 Suppresses the growth of ovarian cancer cells through targeting the CA-125 (MUC16) gene*
- 209 Li, Qi *Novel polymeric nanoparticles containing tanshinone-IIA from Chinese herbal medicine: Preparation, characterization, and antitumor activity*
- 210 Liang, Jun *Current Therapeutic Targets for Type 2 Diabetes Mellitus (T2DM): A Bioinformatic Study*
- 211 Lifang, Zhang *Effect of melatonin in combination with caffeine on β -amyloid production in N2a App cells*
- 212 Luo, Ruijuan *Metabonomic response to the treatment of tyrosine kinase inhibitors in human hepatocarcinoma cells*
- 213 MacPherson, Matthew *Formulation development strategies for improved patient compliance via single tablet combination of Metformin and Atorvastatin*

214	Narayan, Malathi	<i>Withaferin A regulates Parkinson's Disease-associated protein LRRK2</i>
215	Niu, Ningkui	<i>Synthesis and biological evaluation of novel targeted PEGylated liposomes conjugated with four anti-tubercular drugs & siRNA complexes in the treatment of TB</i>
217	Persaud- Sharma, Vishwani	<i>Chemical Characterization and Cytotoxicity of Electronic Cigarette Refill Cartridge Fluid</i>
218	Sun, Jiazhi	<i>Crizotinib induces tumor suppressor miR-146a and p21Waf1/Cip1 by alternative targeting non-TK target Akt-mTOR-Foxo axis</i>
219	Thach, Chia	<i>The effect of the antitumor drug DMXAA on the nuclear orphan receptor Nur77</i>
220	Wang, Feng	<i>Plumbagin Induces Programed Cell Death in Human Pancreatic Cancer Cell Lines</i>
221	Wang, Jiayou	<i>Role of microRNAs in acupuncture treatment in hypertensive rats</i>
222	Wang, Yanyang	<i>CDDO-Me, an Nrf2 Agonist, Induces Apoptosis and Autophagy of Esophageal Squamous Cell Carcinoma by Inhibiting Akt/mTOR and Activating p38-MAPK</i>
223	Wang, Zhi-Xin	<i>Bioinformatic prediction of the microRNAs that regulate ABC transporter genes</i>
224	Xu, Yan	<i>TIBS: A Web Database to Browse Gene Expression in Irritable Bowel Syndrome</i>
225	Yin, Juanjuan	<i>Development of a Novel cyclodextrin-fullerene Supramolecular Complex for Targeted siRNA Delivery</i>
226	Yuan, Chunxiu	<i>Targeting Mitotic Aurora A Kinase in the Treatment of Gastric Cancer</i>
227	Zhang, Zhe	<i>A novel, multi-component, multi-targeted "cocktail" from natural products for the treatment of Alzheimer's disease</i>
228	Zhou, Zhiwei	<i>Induction of Apoptosis and Autophagy and Suppression of EMT via Sirt1-Mediated Pathway by Plumbagin in Human Prostate Cancer Cells</i>
229	Zhu, Fang-Qing	<i>Oxymatrine Improves Intestinal Barrier Function in Hepatic Cirrhosis by Inhibiting Activation of NF-kB p65</i>
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230	Bleck, Jennifer	<i>Gender and Racial Differences in the Co-Occurrence of ADHD and Disordered Eating Behaviors</i>
231	Castillo, Humberto López	<i>Does Maternal Age Have a Role in Neonatal Weight? A 13-year Secondary Analysis of Panamanian Data</i>
232	Castro, Jeannese	<i>Breastfeeding and the Prevalence of Asthma</i>
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234	Fishleder, Sarah	<i>Pathways in The Villages: An analysis of unhealthy drinking utilizing structural equation modeling</i>
235	Franzen, Elisabeth	<i>Preliminary Sexual Behavior and Contraceptive Differences among Youth Participating in a State-Wide Positive Youth Development Program Evaluation</i>

236	Frempong, Beatrice	<i>Presence of Neighborhood Amenities and Physical Activity in Children</i>
237	Merrelll, Laura	<i>Participant Cohesion and Comfort in a Video-Group Intervention for Women Living with HIV</i>
238	Khaliq, Mahmooda	<i>A Systematic Review of Community Contextual Factors and Modern Contraception Use in Low-Middle Income Countries</i>
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240	Liller, Karen	<i>Analysis of Florida High School Athlete's Sports Injury Data for 2012-2013</i>
241	Lockhart, Elizabeth	<i>Reporting sexual behaviors using ACASI: Can Women Living with HIV be honest and comfortable or is there social desirability bias?</i>
242	Luke, Sabrina	<i>The impact of Assisted Reproductive Technology (ART) on live births: Three states</i>
243	Maness, Sarah	<i>The 5 Cs Model of Positive Youth Development: A Preliminary Confirmatory Factor Analysis and Assessment of Measurement Invariance</i>
244	Marsh, Laura	<i>Changes in developmental assets and physical activity frequency among 3rd-5th grade girls participating in a positive youth development program</i>
245	Noble, Shireen	<i>Lessons Learned from a School-Based Randomized Control Trial Evaluation of a Positive Youth Development Program: Successes, Challenges, and Solutions</i>
246	Olaoye, Funmilayo	<i>The association between childhood exposure to family violence and bullying.</i>
247	Powers, Elizabeth	<i>The Effects of an Evidence-Based Positive Youth Development Program on Academic Outcomes in Non-Metropolitan Florida: A Preliminary Analysis</i>
248	Rivers, Tommi	<i>The eBIT Project Needs Assessment: Using Translational Science to Bring Evidence-based Interventions to School Social Workers</i>
249	Saint Fort, Rebecca	<i>Childhood Adverse Experience: The association between adverse family experience and resiliency in school-aged children.</i>
250	Smith, Montray	<i>Duval County Special Needs Coordination During EOC Activation During Tropical Storm Andrea</i>
251	Thompson, Erika	<i>Theory-Based Determinants of Physical Activity during Pregnancy: A Systematic Review</i>
252	Tyler, Susan	<i>"You Can't Get A Side Of Willpower:" Nutritional Supports And Barriers In The Villages, Fl</i>
253	Wagner, Paige	<i>Students with Diabetes: Meeting Unmet Needs of Young Adults with Type 1 Diabetes</i>
254	Williamson, Heather	<i>Is Being a Caregiver Related to Health and Well-Being: A Secondary Data Analysis of BRFSS 2010 Caregiver Module</i>
255	Wingert, Ashley	<i>Experiences of Young Adults with Type 1 Diabetes: School, Work, and Relationships</i>



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- 257 Coyle, Jayme *The Assessment of an In-vitro Model for Evaluating the Role of PARP in Ethanol-mediated Hepatotoxicity*
- 258 Haire, Kambria *Characterizing Pollutant Disparities through Air Monitor Locations Utilizing Geographic Information Systems (GIS)*
- 260 Pulster, Erin *Spatial distribution and sources of atmospheric polycyclic aromatic hydrocarbons surrounding an active oil refinery in Curaçao*
- 261 Singh, Davinderjit *Analysis of risk factors in food facilities in the City of Minneapolis*



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- 263 Bubu, Omonigho *Predictors, Prevalence and Incidence of Sleep Complaints in Hispanicvs.Non-Hispanic Elders: Findings from the Health and Retirement Study*
- 264 Li, Pengfei *Hillsborough county mosquito larvae data analysis for selected months of 2011 and 2012*
- 265 Medina-Ramirez, Patricia *Exploring Type 2 Diabetes Management Beliefs and Practices in a Mexican Farmworker Community*
- 266 Neelamegam, Malinee *Quality of Stroke Care in Malaysia: Understanding Key Performance Indexes from The National Stroke Registry of Malaysia*
- 267 Oustimov, Andrew *5-HTTLPR and COMT Genes are Predictive of Intimate Partner Violence*
- 268 Pamnani, Shitaldas *Amount and duration of alcohol consumption and risk of adult glioma:Results from Southeastern Regional Study of Adult Brain Tumors*
- 269 Rahman, Shams *Maternal Diabetes Mellitus and the Risk of Childhood Mortality among Children with Birth Defects: a Large Retrospective Cohort Study*
- 270 Sebastiao, Yuri *Self-Reported Hypertension in The Villages: Prevalence and Associated Factors in a Retirement Community of Central Florida*
- 271 Strohacker, Matthew *Prevalence and Associated Factors of Dementia in an Active Retirement Community*
- 272 Womack, Lindsay *Very Premature Live Births in Florida: Does Birth Place Still Matter?*



Global Health Research

- 273 Bingham, Andrea *Host feeding patterns of potential vectors of eastern equine encephalitis virus from an endemic focus in Florida during the winter months*
- 274 Bolcen, Shanna *Parasite and Vector Identification from Canine Ocular Lesions*
- 275 George, Miriam *Identifying Minimal Reactive Epitopes On The Surface Of Plasmodium Vivax Duffy Binding Protein Reactive With Neutralizing Monoclonal Antibodies*
- 276 Lupton, Emily *Comparison of gliding activity over time of Plasmodium sporozoites incubated in multiple dissection medias*

277	Maher, Steven	<i>A liver sinusoid device for stable primary hepatocyte culture and Plasmodium liver stage development</i>
278	Matos-Bastidas, Samuel	<i>Breaking the Cycle of Maternal-Child Health Disparities: Evaluating a Conception Care Program</i>
279	McGaha Jr., Tommy	<i>Identification of Attractive Odorant Compounds to Vectors of Onchocerciasis</i>
280	Mhashilkar, Amruta	<i>Development of an in-vitro assay to screen for agonist and antagonist compounds for the ecdysone receptor of Brugia malayi</i>
281	Mhaskar, Asmita	<i>An overview of systematic reviews addressing efficacy and effectiveness of Homeopathic medicines.</i>
282	Peck, Karlette	<i>Dengue Seroprevalence Study in Martin County, Florida</i>
283	Rebollon, Arturo	<i>Cancer Epidemiology in Panama: Morbidity and Mortality Trends 2002-2010</i>
284	Sedillo, Jennifer	<i>Identification of a novel Type II MAPK-like phosphatase in Plasmodium falciparum</i>
285	Thomas, Phaedra	<i>Phenotypic Characterization of the Plasmodium falciparum NOT1 (PF3D7_1103800) Gene Knockout and Heat Shock Analysis of the piggyBac Mutant Library</i>



Health Policy and Management Research

286	Pruitt, Zachary	<i>Relationship of Healthcare Expenditures to Adherence among Florida Medicaid-insured Patients Diagnosed with HIV or AIDS</i>
287	Smith, Joseph	<i>Characteristics of Local Health Departments Providing HIV/AIDS Services</i>
288	VanWyk, Sara	<i>Screening for Type 2 Diabetes and Diabetes Risk in a Physician-Supervised Weight Loss Program</i>



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289	Abuqalbeen, Firas	<i>L-Arginine Metabolism Impacts Tau Biology</i>
290	Bell, Stephen	<i>Melatonin rescue of age and AD associated changes in mitochondrial cytochrome c oxidase (COX) activity is partially dependent on melatonin receptors</i>
291	Bhaskar, Sonya	<i>Mild Traumatic Brain Injury and Dendritic Neuroplasticity in the Mouse Neocortex</i>
292	Desai, Sumir	<i>Targeting the brain with glutathione-coated docetaxel nanoparticles</i>
294	Greene, Kai	<i>Neurotoxic impact of in utero and early postnatal exposure to benzyl butyl phthalate (BBP) on dendritic development in the rat.</i>
295	Grewal, Rinko	<i>Pharmacological inhibition of CCR2/CCL2 pathway affects tauopathy in a cellular model</i>
296	Heller, Ian	<i>Repositioning of the FDA-approved anti-cancer tyrosine kinase inhibitors to treat metabolic diseases</i>
297	Hunt, Jerry	<i>Overexpression of Arginase-1 in the CNS mitigates tau pathology in rTg4510 tau transgenic mice</i>
298	Jacob, Radim	<i>A Socioeconomic Predictive Model for Access and Survival of Liver Transplant Patients: The Effects of Distance, Race, Insurance, Income, Work Status</i>

299	Johnson, Avery	<i>Effect of Atp8b1 deficiency on bleomycin-induced pneumopathy</i>
300	Johnson, Nicholas	<i>TDP-43 Pathology in neurodegenerative disorders</i>
302	Lee, Daniel T.	<i>Soy Isoflavone Daidzein Induces Arginase 1 and Curtails Tau levels in Vitro</i>
303	Lee, Mackenzie	<i>Uncoupling Akt and FoxO1 by aPKC in Obesity</i>
304	Leung, Joseph	<i>Atp8b1, an Approach toward Protective Treatment of Acute Lung Injury.</i>
305	Liu, Joseph	<i>CCL2-CCR2 Dysregulation and Its Implication in Clearing Phosphorylated Tau Aggregates</i>
306	Lopez, Jomar	<i>Genotype Demonstrates a Stronger Association in Contextual and Cued Fear Conditioning than Stress Paradigms or Immune System Activation</i>
307	Low, Jonathan	<i>Schizophrenic social trends in dual transgenic Disc1 and Reelin mutant mice</i>
308	Lozano, Diego	<i>Splenic expression of CD-36 in a rat model of traumatic brain injury</i>
309	Patel, Esha	<i>Developing a line of more severe schizophrenic mice via multiple SCZ-linked gene mutations and environmental stressors</i>
310	Patel, Preya	<i>The development of docetaxel nanoparticles for potential in vivo use</i>
311	Peralta, Diego	<i>Screening and identification of a novel drug targeting TDP-43 for the treatment of ALS</i>
312	Putney, Ryan	<i>Methylation Signal Comparison using Illumina Arrays</i>
313	Ratnasamy, Kevin	<i>Analysis of Efficiency of Promoter-Driven Expression in rAAV in Mouse Brains</i>
314	Rivero, Andrea	<i>Molecular basis of extreme resistance in Plasmodium falciparum to atovaquone and other mitochondrial inhibitors</i>
315	Sanneh, Awa	<i>Pathology and propagation of C-terminal truncated tau and full length tau in wild type mice</i>
316	Sehgal, Tanya	<i>Functional role of ADAM10 in ovarian cancer</i>
317	Slouha, Nina	<i>Inflammation induced by IL-1beta impacts tau pathology in tetO-MAPT P301L mice</i>
318	Staples, Meaghan	<i>Repair of the Blood Brain Barrier for Attenuation of Metastatic Brain Cancers of Melanoma</i>
319	Tamboli, Cyrus	<i>The Battle of the Sexes for Stroke Therapy: Female- Versus Male-Derived Stem Cells</i>
320	Torelli, Nick	<i>Structure Based Inhibitor Discovery Against Beta-lactamase in Countering Bacterial Resistance</i>
321	Urcia, Rodrigo	<i>Arginase 1 deficiency in myeloid cells promotes tau pathology</i>
322	Varghese, Selwin	<i>Characterization of a semi-high throughput method for reducing tau expression</i>
323	Woo, Katherine	<i>Role of the circadian Per1 and Per2 genes in attention, learning and memory across the lifespan</i>

324	Zhuleku, Redjon	<i>Tau & α-Synuclein expressing Caenorhabditis elegans: Generation and Characterization for neurodegenerative diseases</i>
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325	Andel, Stephanie	<i>Extraversion as a Predictor of Workplace Accidents</i>
326	Arvan, Maryana	<i>Customer Mistreatment and Musculoskeletal Disorder Symptoms</i>
327	Brown, Leah	<i>High Heat: Risk and Related Illnesses for Florida Delivery Drivers</i>
328	Chakraborty, Poulomy	<i>Estimating the Impacts of Rotavirus Vaccination on Gender Disparities</i>
329	Claudio, Héctor	<i>Potential exposure to avian flu in poultry industries according to knowledge and prevention practices. Comparison of countries.</i>
330	Clendenin, Brianna	<i>Chemical Exposure in Nail Salon Technicians</i>
331	De Jesus-Rivas, Mayra	<i>Pneumatic Nail Gun Injury</i>
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334	Henderson, Lynn	<i>Carpal Tunnel Syndrome: An Occupational Health Risk For Dental Hygienists</i>
335	Hutchinson, Derek	<i>Development of a General Organizational Climate</i>
336	Iheanacho, Ivory	<i>Can the NWS Heat Index Substitute for Wet Bulb Globe Temperature for Heat Stress Exposure Assessment</i>
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- 350 Stephens Holland, Shieloh *Occupational Health Risks to Nontuberculous Mycobacteria*
- 262 Vogel, Kyle *Characterization of waste anesthetic gas exposures to veterinary workers in the Tampa Bay area*
- 351 Zhou, Zhiqing *Effect of Workplace Incivility on End-of-Work Negative Affect: Examining Individual and Organizational Moderators in a Daily Diary*
- 352 Al Hajji, Mohammed *Workplace Injury among Waste Management Workers: Emphasis on Heat Stress*



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