

# 2016 | NIH FUTURE RESEARCH LEADERS CONFERENCE

September 13-15

#GREATMINDS  
THINK DIFFERENTLY...



National Institutes of Health | Bethesda, MD

## FRLC POSTER SESSION | NIH Research Festival

FAES Terrace, Building 10  
Wednesday, September 14<sup>th</sup>, 2016  
3:00 – 4:30 p.m.

- FRLC-1 **A cortico-amygdala circuit encodes observational learning**  
**Stephen Allsop, PhD** | Harvard Medical School, Massachusetts Institute of Technology
- FRLC-2 **Associations between tobacco and nicotine product use and depressive symptoms among college students in Texas**  
**Frank Bandiera, PhD, MPH** | University of Texas, School of Public Health
- FRLC-3 **Discovery of brain-penetrant COMT inhibitors for the treatment of cognitive impairment**  
**Gregory Carr, PhD** | Lieber Institute for Brain Development
- FRLC-4 **Zika activates astrocyte UPR and exosome-dependent release of neuroinflammatory mediators in the context of cocaine abuse**  
**Irma Cisneros, PhD** | University of North Texas, Health Science Center
- FRLC-5 **Microstructural alterations of sputum in cystic fibrosis lung disease**  
**Gregg Duncan, PhD** | Wilmer Eye Institute, Johns Hopkins University School of Medicine
- FRLC-7 **A method for analyzing commonalities in clinical trial target populations**  
**Zhe He, PhD** | Florida State University
- FRLC-8 **Phylogeography of *Coccidioides* spp. – Valley Fever**  
**Crystal Hepp, PhD** | Northern Arizona University
- FRLC-9 **L,L-diaminopimelate aminotransferase (DapL): A potential target for the development of narrow-spectrum antibacterial compounds**  
**André Hudson, PhD** | Rochester Institute of Technology
- FRLC-10 **Offspring epigenetic consequences of maternal environment**  
**Folami Ideraabdullah, PhD** | University of North Carolina at Chapel Hill
- FRLC-11 **Pharmacogenetics management of sickle cell disease comorbidities**  
**Cheedy Jaja, PhD, MPH, MN, RN** | University of Cincinnati, College of Nursing
- FRLC-12 **Associations between the built environment and objective measures of sleep: The multi-ethnic study of atherosclerosis**  
**Dayna Johnson, PhD, MPH, MSW** | Brigham and Women's Hospital, Harvard Medical School
- FRLC-13 **Sphingolipid production by the gut microbiota influences mammalian hepatic lipid metabolism**  
**Elizabeth Johnson, PhD** | Cornell University
- FRLC-14 **Liquid chromatography mass spectrometry based analysis of human response to synthetic sugar challenge and the microbiome**  
**Paule Joseph, PhD, RN, CRNP, CTN-B** | National Institute of Nursing Research, NIH



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- FRLC-15 **C/EBP $\alpha$  mediates osteoclast differentiation through SOX4 downregulation and promotes osteoclast activity by inducing cell survival**  
**Joel Jules, PhD** | University of Alabama at Birmingham, School of Medicine
- FRLC-16 **Role of message framing on African American willingness to participate in a hypothetical health research study**  
**Aisha Langford, PhD, MPH** | New York University, School of Medicine
- FRLC-17 **Resolvin D2 and novel DRV2 receptor axis in sepsis**  
**Stephania Libreros, PhD** | Brigham and Women's Hospital, Harvard Medical School
- FRLC-18 **Cell migration and palatal fusion**  
**Shaun Logan, PhD** | Texas A&M, Health Science Center
- FRLC-19 **Identification and quantitation of anterior and transition region optic nerve head (ONH) cell proliferation in an experimental rat glaucoma model**  
**Diana Lozano, PhD** | Oregon Health & Science University
- FRLC-20 **Internalized Heterosexism, Heavy Drinking, and Alcohol-related Consequences among Heavy Drinking Sexual Minority Men: Coping and Relational Mediators**  
**Ethan Mereish, PhD** | Brown University
- FRLC-21 **The spliceosome as a novel target to treat myelodysplastic syndromes**  
**Esther Obeng, MD, PhD** | Dana-Farber Cancer Institute, Boston Children's Hospital, Harvard Medical school
- FRLC-22 **The incidence of obesity in a large representative sample of youth with developmental disabilities**  
**Melissa Pangelinan, PhD** | Auburn University
- FRLC-23 **Long-term impact of HPV vaccination on pre-invasive and invasive cervical neoplasias and other HPV-associated diseases**  
**Ana Rodriguez, MD, MPH** | The University of Texas, Medical Branch
- FRLC-24 **Cross-modal sensory deprivation promotes plasticity in adult visual cortex**  
**Gabriela Rodriguez** | Johns Hopkins University
- FRLC-25 **Systemic activation of host antigen presenting cells via RNA-loaded nanoparticles induces anti-tumor immunity**  
**Elias Sayour, MD, PhD** | University of Florida
- FRLC-26 **Protein Oxidation in Pancreatic Neoplasia and Cancer**  
**Michelle Schultz, PhD** | University of Illinois Chicago, College of Medicine
- FRLC-27 **Developmental Reprogramming in the Liver by Endocrine-Disrupting Chemicals**  
**Lindsey Treviño, PhD** | Texas A&M, Health Science Center
- FRLC-28 **Associations between obesity and biliary tract cancers vary by tumor site, sex, age, and race in the Biliary Tract Cancers Pooling Project**  
**Alison Van Dyke, MD, PhD** | National Cancer Institute, Division of Cancer Epidemiology and Genetics, NIH