January –

January 1- No seminar

January 7
Younshim Park
Graduate Student
Molecular and Integrative Physiology
KUMC
“Regulated intron retention: a novel gene regulatory mechanism”

January 10
Workshop presented by: Drs. Greg A. Gerhardt Ph.D., Richard C. Grondin Ph.D., and O. Megan Littrell Ph.D.
Good Research Practice Resource Center
University of Kentucky
“Methods to Promoted Date Reproducibility in Laboratory Research”
Partially Sponsored by the KU School of Medicine Bohan Visiting Professor Program and the J. Hambleton Abrahams Lectureship in Physiology Endowment Fund

January 14 – No seminar

January 21 – No seminar, Martin Luther King Holiday

January 28
Alex Von Schulze
Graduate Student
Molecular and Integrative Physiology
KUMC
The Impact of Exercise and Heat on Mitochondrial Function and Dynamics

February –

February 4
Jianzheng Wu
Graduate Student
Molecular and Integrative Physiology
KUMC
“Investigating Self-assembly of Amyloid Beta at Single Cell Resolution”
February 11
Cameron Fox
Graduate Student
Molecular and Integrative Physiology
KUMC
“Investigating the role of N6-methyladenosine in telomerase biology”

February 18
School of Medicine Bohan Distinguished Lecturer
Kyle E. Orwig, Ph.D.
Professor
OB/GYN & Reproductive Sciences
University of Pittsburgh School of Medicine
Pittsburgh, PA
“Stem cell therapies for male infertility”
Partially Sponsored by the Bohan Visiting Professor Program and the J. Hambleton Abrahams Lectureship in Physiology Endowment Fund

February 25
Jill Morris, Ph.D.
Assistant Professor
Department of Neurology
KU Alzheimer's Disease Center
“Energy Metabolism and Alzheimer’s Disease”

March –

March 4
School of Medicine Bohan Distinguished Lecturer
Arthur F. Kramer, Ph.D.
Professor, Psychology and Mechanical & Industrial Engineering
Director, Center for Cognitive & Brain Health
Northeastern University
Boston, MA
“Exercise Effects on Brain and Mind”
Partially sponsored by the Bohan Visiting Professor Program and the J. Hambleton Abrahams Lectureship in Physiology Endowment Fund, Landon Center on Aging, Department of Neurology, KU Alzheimer’s Disease Center, and Hoglund Brain Imaging Center

March 11- No seminar
March 18
Alexey S. Ladokhin, Ph.D.
Professor
Department of Biochemistry and Molecular Biology
KUMC
“Lipids as Regulators of Membrane Protein Folding and Functioning”

March 25
Hartmut Jaeschke, Ph.D.
Professor & Chair
Department of Pharmacology, Toxicology and Therapeutics
KUMC
“Acetaminophen Hepatotoxicity Translating animal studies to the human pathophysiology”

April –

April 1
School of Medicine Bohan Distinguished Lecturer
Zhibing Zhang, M.D., Ph.D.,
Associate Professor, Departments of Physiology and Obstetrics & Gynecology
Wayne State University
Detroit, MI
“The structural basis of Meiosis expressed gene 1 (MEIG1) in modulating manchette function and its crosstalk with intraflagellar transport (IFT)”
Partially sponsored by the Bohan Visiting Professor Program and J. Hambleton Abrahams Lectureship in Physiology Endowment Fund

April 8 – No seminar

April 15
School of Medicine Bohan Distinguished Lecturer
Jacob E. (Jed) Friedman, Ph.D.
Director, Harold Hamm Diabetes Center
Associate Vice-Provost for Diabetes Programs
Chickasaw Nation Endowed Chair
Professor of Physiology, Biochemistry & Molecular Biology
Professor of Pediatrics & Medicine,
Division of Endocrinology and Metabolism
The University of Oklahoma Health Sciences Center
Oklahoma City, OK
“Microbes, macrophages and mitochondria: how early exposure to poor maternal diet programs adult metabolic disease”
Partially sponsored by the Bohan Visiting Professor Program and J. Hambleton Abrahams

April 22
Elizabeth Thoenen
Graduate Student
Molecular and Integrative Physiology
KUMC
“Targeting a novel vulnerability of mutant p53 by ER stress-inducing chemotherapeutic agents”

April 29
School of Medicine Bohan Distinguished Lecturer
Kartik Shankar, Ph.D.
Associate Professor, Departments of Pediatrics
University of Arkansas for Medical Sciences
Director, Metabolic Programming Lab
Arkansas Children’s Nutrition Center
“On Moms & Metabolism: How the ‘First 1000 Days’ Influence Obesity and Metabolic Disease Risk”
Partially sponsored by the Bohan Visiting Professor Program, J. Hambleton Abrahams Lectureship in Physiology Endowment Fund and Center for Children’s Healthy Lifestyle and Nutrition

May –

May 6- Cancelled
Jasenka Zubcevic, Ph.D.
Assistant Professor
College of Veterinary Medicine
Department of Physiological Sciences
University of Florida
Gainesville, FL
“Gut-brain axis in pathophysiology of hypertension”
Hosted by the Physiology Society and funded by the J. Hambleton Abrahams Lectureship
May 13 - Cancelled

Voyages Seminar Series
Paul F. Terranova, Ph.D.
Professor Emeritus
Molecular and Integrative Physiology
KUMC
“The Road to Research on Ovarian Cancer and Beyond”

May 13
Dissertation Defense, 1:00 p.m., Stowers Institute for Medical Research
Cameron Fox
Graduate Student
Molecular and Integrative Physiology
KUMC
“Interrogating the Role of N6-Methyladenosine RNA Modification on Telomerase Biology”

May 20
James P. Calvet, Ph.D.
University Distinguished Professor
Department of Biochemistry and Molecular Biology
Jared Grantham Kidney Institute
KUMC
“Looking at Polycystin-1 as a GPCR”

May 23
James L. Voogt Lecture in Neuroendocrinology
Malcom J. Low, M.D., Ph.D.
David F. Bohr Collegiate Professor of Molecular Physiology
Director, Michigan Mouse Metabolic Phenotyping Center
University of Michigan
“Development, differentiation and function of hypothalamic proopiomelanocortin neurons”
Partially sponsored by the Institute for Reproductive Health & Regenerative Medicine, James L. Voogt Lectureship Fund, Department of Molecular and Integrative Physiology, and the Bohan Visiting Professor Program

May 27 – No seminar, Memorial Day