June –

June 9 –
Dissertation Defense, 1:00 p.m. Lied Auditorium
Lei Pei (Pearl)
Graduate Student
Molecular & Integrative Physiology
KUMC
“Paracellular epithelial transport maximizes energy efficiency in the kidney”

July –

July 21 –
Gary L. Dunbar, Ph.D.
Distinguished Professor
Psychology & Neuroscience Program
Central Michigan University
Mount Pleasant, MI
“Transplantation of mesenchymal stem cells to reduce behavioral deficits in rodent models of Huntington’s disease”
Hosted by Dr. John Stanford, Associate Professor
Molecular and Integrative Physiology, KUMC

July 28 –
Dissertation Defense, 12:00 p.m. Lied Auditorium
Wei-Ting Hung
Graduate Student
Molecular & Integrative Physiology
KUMC
“Extracellular vesicles in ovarian antral follicles: Characterization and functions”

September –

September 5 – No seminar, Labor Day

September 12 –
V. Gustavo Blanco, M.D., Ph.D.
Professor, Interim Chair
Molecular & Integrative Physiology
KUMC
“Targeting Na, K-ATPase alpha4 to block sperm function”
September 16 –
Dissertation Defense, 10:00 a.m. Lied Auditorium
Michelle McWilliams
Graduate Student
Molecular & Integrative Physiology
KUMC
“A Novel Molecular Pathway Involving GPR10, REST, and PRICKLE1 in the Pathogenesis of Uterine Leiomyoma”

September 19 –
Sam Enna, Ph.D.
Professor, Associate Dean for Research and Graduate Education
Molecular & Integrative Physiology
KUMC
“Approaches to Drug Discovery: Physiological vs Molecular”

September 26 –
Dan Dixon, Ph.D.
Co-Leader, Cancer Prevention Program
Cancer Biology
KUMC
“The RNA-Binding Protein Tristetraprolin Controls GI Homeostasis and Tumorigenesis”

October –

October 3 –
Amanda Bruce, Ph.D.
Assistant Professor
Behavioral Pediatrics
KUMC
“Food Marketing, Food Motivation, and Functional MRI”

October 10 –
Joseph S. Tash, Ph.D.
Professor
Molecular & Integrative Physiology and Department of Urology
KUMC
“Novel approaches to Non-hormonal Male and Female Contraception: Three projects on the pipeline to clinical trials”
October 17 –
Margaret Pruitt
Graduate Student
Molecular & Integrative Physiology
KUMC
“Randomization of the Schizosaccharomyces pombe telomerase RNA template to define the role of telomere sequence in telomere maintenance and cellular survival”

October 24 –
Sarah Zanders, Ph.D.
Assistant Investigator
Stowers Institute for Medical Research
“Meiotic Drive: How to Cheat at Sex and Win”

October 31 –
Jessica Venugopal
Graduate Student
Molecular & Integrative Physiology
KUMC
“Ouabain and Autosomal Dominant Polycystic Kidney Disease”

November –

November 4 –
Jonathan Pinkston, Ph.D.
Associate Professor
Applied Behavioral Analysis
Department of Psychology
Western New England University
“Caffeine’s Stimulant Effects: A Love Story”
Hosted by John A. Stanford, Associate Professor of Molecular and Integrative Physiology, KUMC

November 7 –
Fariba Behbod
Associate Professor
Division of Cancer and Developmental Biology
KUMC
“The Identification of Molecular and Cellular Basis for the Invasive Phenotype in Human Ductal Carcinoma in Sita”
November 14 –
**Kathleen M. Osborn Memorial Lectureship**
Douglas M. Stocco, Ph.D.
Professor Emeritus
Cell Biology and Biochemistry
Texas Tech University Health Sciences Center
“The history of the Discovery of the StAR Protein”
Hosted by Dr. Leslie Heckert, Marion M. Osborn Professor for Reproductive Sciences
Department of Molecular and Integrative Physiology, KUMC
Funded by Kathleen M. Osborn- Memorial Endowment Fund

November 21 – No seminar, Thanksgiving

November 28 –
Wen-Xing Ding, Ph.D.
Associate Professor
Pharmacology, Toxicology & Therapeutics
KUMC
“Autophagy in Alcohol and Drug-Induced Liver Injury: Lessons from Gene Knockout Animal Models”

November 29 –
Dissertation Defense, 1:00 p.m. Beller Conference Center
Jessica Venugopal
Graduate Student
Molecular & Integrative Physiology
KUMC
“Contributions of Ouabain to the Autosomal Dominant Polycystic Kidney Disease Phenotype”

December –

December 5 –
John A. Stanford, Ph.D.
Associate Professor
Molecular & Integrative Physiology
KUMC
“Anatomical, Neurochemical, and Metabolic Dysfunction with Hyperbilirubinemia in 21-day-old and 4-month-old Jaundiced Gunn Rats”
December 12 –
Joan Lewis- Wambi, Ph.D.
Assistant Professor
Cancer Biology
KUMC
“IFITM1: A Novel Marker and Molecular Target for Aggressive Breast Cancer”

December 19 –
Mizuki Azuma, Ph.D.
Associate Professor
Department of Molecular Biosciences
The University of Kansas – Lawrence
“Function of Ewing Sarcoma’ EWS Protein in Tumorigenesis and Skeletogenesis”

December 26 – No seminar