July
July 1 - PhD Dissertation Defense, 1:00 p.m. First Floor Classroom of Building One, Stowers Institute for Medical Research
Jason S. Gill
Graduate Student
Molecular & Integrative Physiology
KUMC
*Nova Mediates Experience Dependent Processing of Orb2A mRNA*

July 10 - PhD Dissertation Defense, 9:30 a.m. Lied Auditorium
Jitu George
Graduate Student
Molecular & Integrative Physiology
KUMC
*Transcriptional regulation of SF-1 in the hypothalamic-pituitary-adrenal/gonadal axis*

August
August 29 - Master's Thesis Defense, 10:00 a.m., Room 119, Stowers Institute for Medical Research
Evan Janzen
Graduate Student
Molecular & Integrative Physiology
KUMC
*Regulation of telomerase reverse transcriptase expression in Schizosaccharomyces pombe*

September
September 2 - No Seminar, Labor Day

September 9 -
Shirley ShiDu Yan, MD
Distinguished Professor
Pharmacology & Toxicology
School of Pharmacy
University of Kansas
Lawrence, KS
*Mechanisms of Mitochondrial and Synaptic Degeneration & Rescue in Alzheimer's disease*

September 16 - Fred Samson Memorial Lecture
Paul A. Welling, MD
Professor
Physiology
University of Maryland School of Medicine
Baltimore, MD
*Traveling through Signals in Membrane Traffic To Unravel the Secrets of Salt Balance*

September 23 -
Lane Christenson, PhD
Associate Professor
Molecular & Integrative Physiology
KUMC
*Pathways and genes regulated by LH-induced microRNA-21 in granulosa cells*

September 30 -
Gustavo Blanco, MD, PhD
Professor
Molecular & Integrative Physiology
The sperm Na,K-ATPase is essential for male fertility and an attractive target for male contraception

**October**

October 7 -
Luciano DiTacchio, PhD
Assistant Professor
Pharmacology, Toxicology & Therapeutics
KUMC

*JARID1a in the circadian clock and metabolism*

October 14 -
David C. Spray, PhD
Professor
Dominick P Purpura Department of Neuroscience
Department of Medicine (Cardiology)
Albert Einstein College of Medicine
Bronx, NY

*Bidirectional neuro-glial signaling in the trigeminal ganglion and its role in orofacial pain*

October 21 -
Blake Peterson, PhD
Regents Distinguished Professor
Medicinal Chemistry
University of Kansas
Lawrence, KS

*Synthetic Cell Surface Receptors and Fluorescent Molecular Probes*

October 28 - ***ROOM CHANGE - Wahl Hall East Auditorium***
David Albertini, PhD
Professor
Molecular & Integrative Physiology
KUMC

*Linking Advances in Reproductive Physiology to the Treatment of Human Infertility*

**November**

November 4 -
Nancy Monson, PhD
Associate Professor
Department of Neurology and Neurotherapeutics
Department of Immunology
University of Texas Southwestern
Dallas, TX

*A New Frontier: The Advent of Antibody Genetics in Diagnosing Patients*

November 11 - No Seminar, Veteran's Day

November 18 -
Norberto Gonzalez, MD
Professor
Molecular & Integrative Physiology
KUMC

*Alveolar hypoxia, alveolar macrophages and systemic inflammation: Lessons from studies in intact animals*
November 25 -
Nairita Roy
Graduate Student
Molecular & Integrative Physiology
KUMC
Finding methylation in the mitochondrial-DNA in the ageing model of mitochondrial cybrids

December

December 2 -
Anand Venugopal
Graduate Student
Molecular & Integrative Physiology
KUMC
RNA binding protein RBM3 and colon cancer stem cells

December 9 -
Steven M. Shapiro, MD, MSHA
Division Director
Division of Child Neurology
Children's Mercy Hospital
Professor of Pediatrics
University of Missouri-Kansas City School of Medicine
Kansas City, MO

December 16 -
Joseph Tash, PhD
Professor
Molecular & Integrative Physiology
KUMC
Reproduction at 7860 meters/sec: Impacts of space flight on male and female reproductive health

December 23 - No Seminar

December 30 - No Seminar