January

January 6 -
Michele T. Pritchard, PhD
Assistant Professor
Pharmacology, Toxicology, & Therapeutics
KUMC
*Mechanisms of hepatic fibrosis in autosomal recessive polycystic kidney disease*

January 13 –
Kristi Neufeld, PhD
Associate Professor
Molecular Biosciences
University of Kansas
Lawrence, KS
*Mouse model reveals roles for nuclear Apc in regulation of differentiation, inflammation & tumor suppression*

January 20 – No seminar, Martin Luther King, Jr Day

January 27 -
Tomoo Iwakuma, MD PhD
Associate Professor
Cancer Biology
KUMC
*Targeting oncogenic mutant p53 for cancer therapy*

February

February 3 –
Chad Slawson, PhD
Assistant Professor
Biochemistry & Molecular Biology
KUMC
*Regulating Mitochondrial Function and the Cell Cycle by O-GlcNAc Cycling*
February 10 –
Susan Carlson, PhD
AJ Rice Professor of Nutrition and Director
Director, PhD Program in Medical Nutrition Science
Director, KUMC Biomedical Interdisciplinary Research Careers in Women’s Health
Department of Dietetics and Nutrition
KUMC
*Evidence the Low US Intake of DHA Impacts Development*

February 17 -
Lili Pan
Graduate Student
Molecular & Integrative Physiology
KUMC
*Telomere architecture and length regulation in fission yeast*

February 24 –
Lynda Bonewald, PhD
Vice Chancellor for Translation and Clinical Research
University of Missouri – Kansas City School of Dentistry
*Muscle-Bone Interactions Independent of Loading*

**March**

March 3 –
Jessica Johnson
Graduate Student
Molecular & Integrative Physiology
KUMC
*Characterization of gedunin: a novel therapeutic for the treatment of serous ovarian cancer*

March 10 –
Li Chen
Graduate Student
Molecular & Integrative Physiology
KUMC
*The role of the mammalian methyltransferase Tgs1 in RNA processing*
March 14 – PhD Dissertation Defense, 10:00 a.m
Anand Venugopal
Graduate Student
Molecular & Integrative Physiology
KUMC
*Identification of the RNA binding Protein RBM3 as a novel effector of β-catenin signaling and colon cancer stem cells*

March 17
Liying Li
Graduate Student
Molecular & Integrative Physiology
KUMC
*Attempt to visualize long term memory through oligomerization of Drosophila CPEB Orb2*

March 24 – No Seminar

March 31 –
Robert Rogers
Graduate Student
Molecular & Integrative Physiology
KUMC
*Heat shock protein, endurance capacity, and susceptibility to metabolic diseases*

April

April 7 –
Aron Fenton, PhD
Associate Professor
Biochemistry & Molecular Biology
KUMC
*Counteracting Hyperglycemia by Targeting Allosteric Regulation of Liver Pyruvate Kinase*

April 14 –
Carmen J. Williams, MD, PhD
Principal Investigator
Reproductive Medicine Group
Laboratory of Reproductive and Developmental Toxicology
National Institute of Environmental Health Sciences
Research Triangle Park, NC
*Estrogenic chemical exposure and female reproductive tract dysfunction*
Funded by the Abrahams J. Hambleton Lectureship in Physiology Endowment Fund
April 21 –
Omar A. Gharbawie, PhD
Postdoctoral Fellow
Psychology Department
Vanderbilt University
*Mapping the parietal-frontal network that mediates prehension in non-human primates*
Funded by the Abrahams J. Hambleton Lectureship in Physiology Endowment Fund

April 28 – No seminar

**May**

May 5 –
Irving H. Zucker, Ph.D., F.A.H.A.
Theodore F. Hubbard Professor of Cardiovascular Research
Chairman, Department of Cellular and Integrative Physiology
Interim Editor in Chief, The American Journal of Physiology-Heart and Circulatory Physiology
University of Nebraska Medical Center
*The regulation of sympathetic nerve activity in heart failure: Role of Angiotensin and Oxidative Stress*

May 12 –
Dianne Durham, PhD
Associate Dean for Faculty Affairs and Faculty Development
Professor, Otolaryngology
KUMC
*Noise-induced auditory neuroplasticity – CNS mechanism of tinnitus?*

May 19 – PhD Dissertation Defense, 11:00 a.m.
Naveen Neradugomma
Graduate Student
Molecular & Integrative Physiology
KUMC
*Role of Prolactin and Prolactin Receptor Signaling in Colorectal Tumorigenesis*

May 19 – Voyages Seminar Series
Paul D. Cheney, PhD
Professor & Kathleen M. Osborn Chair
Molecular & Integrative Physiology
KUMC
*Brain Control of Movement: My Scientific Journey*