January –

January 1 – No Seminar – New Year’s Holiday

January 8 –
M.A. Karim Rumi, Ph.D.
Associate Professor
Department of Pathology and Laboratory Medicine
Institute for Reproductive Health and Regenerative Medicine
KUMC
“Role of ESR2 in female fertility”

January 15 – No Seminar, Martin Luther King Jr. Holiday

January 22 –
Phil Lee, Ph.D.
Associate Professor
Director of Magnetic Resonance Technology
Hoglund Brain Imaging Center
KUMC
“Tissue-type specific measurement of neurochemicals and cerebral blood flow using MRI and MRS”

January 29 –
Blake Ebner
Graduate Student
Molecular & Integrative Physiology
KUMC
The Role of Putative Prion-Like Protein, CPEB2, in Translation and Long-Term Memory”

Dissertation Defense, 1:30 p.m. Beller Conference Center
Ashley Archer
Graduate Student
Molecular and Integrative Physiology
KUMC
“Heat Shock Protein 72 Regulation of Metabolism”
February –

February 5 –
Leonard Dobens, Ph.D.
Professor
School of Biological Sciences
Division of Molecular Biology and Biochemistry
University of Missouri-Kansas City
“Complementary screens for new genes mediating the ability of the pseudokinase Tribbles to antagonize insulin signaling”
Hosted by Andrei Belousov, Ph.D.; Associate Professor
Department of Molecular and Integrative Physiology, KUMC

February 12 –
Elin Grundberg, Ph.D.
Roberta D. Harding & William F. Bradley, Jr. Endowed Chair in Genomic Research Faculty
Children’s Research Institute, Children’s Mercy Hospital – Kansas City
Associate Professor
Department of Pediatrics
University of Missouri – K.C. School of Medicine
“Capturing functional epigenomes for insight into metabolic disease susceptibility”
Hosted by John Thyfault, Ph.D.; Associate Professor, Molecular and Integrative Physiology, KUMC and Leslie Heckert, Ph.D.; Marion M. Osborn Professor for Reproductive Sciences, Molecular and Integrative Physiology, KUMC

February 19 –
Zelha Nil
Graduate Student
Molecular & Integrative Physiology
KUMC
“Regulated assembly of a prion-like phosphatase, CG5830, controls its phosphatase activity and embryonic development”

February 26 –
Zahraa Alali
Graduate Student
Department of Molecular and Integrative Physiology
KUMC
“A novel Role or Ribosomal Protein RPLP1 in Endometriosis Pathophysiology”
March–

March 5 –
**School of Medicine Bohan Distinguished Lecturer**
Paul J. Fadel, Ph.D.
Director, Human Neural Cardiovascular Control Lab
Professor, Department of Kinesiology
Associate Dean for Research, CONHI
University of Texas Arlington
Arlington, TX
“Neural Cardiovascular Regulation in Type 2 Diabetes Patients”
Hosted by John Thyfault, Ph.D., Associate Professor
Department of Molecular and Integrative Physiology, KUMC
Partially sponsored by the School of Medicine Bohan Visiting Professor Program and the J. Hambleton Abrahams Lectureship in Physiology Endowment Fund

March 12 –
David Schulz, Ph.D.
Associate Professor
Division of Biological Sciences
University of Missouri – Columbia
“Plasticity in the nervous system in response to injury: compensatory and pathological”
Hosted by Andrei Belousov, Ph.D., Associate Professor
Department of Molecular and Integrative Physiology, KUMC

March 19 – No Seminar, Spring Break

March 26 – No Seminar

**April –**

April 2 –
Li Qin Zhao, Ph.D.
Assistant Professor
Department of Pharmacology & Toxicology
School of Pharmacy
University of Kansas
“Targeting Glycolysis to Promote Brain Resilience against Alzheimer’s Disease”
April 9 –
Julie Kim, Ph.D.
Susy Y. Hung Associate Professor
Obstetrics and Gynecology
Division of Reproductive Science in Medicine
Robert H. Lurie Comprehensive Cancer Center
Northwestern University, Chicago, IL
“Redox Dysregulation Promotes Survival of Uterine Fibroids”
Sponsored by the J. Hambleton Abrahams Lectureship in Physiology Endowment Fund
Hosted by The Physiology Society
Department of Molecular and Integrative Physiology, KUMC

April 16 – Cancelled
Sarah Robins, Ph.D.
Assistant Professor
Department of Philosophy
University of Kansas – Lawrence
“The Philosophy of Neuroscience: How Optogenetics is Revolutionizing the Study of Memory”

April 23 – Postponed to Fall 2018
School of Medicine Bohan Distinguished Lecturer
Richard A. Ceroine, Ph.D.
Goldwin Smith Professor of Pharmacology and Chemical Biology
Departments of Molecular Medicine & Chemistry and Chemical Biology
Cornell University, Ithaca, NY
“How Rho GTPases led us to new areas of biology and disease”
Hosted by Lane Chistenson, Ph.D., Associate Professor
Department of Molecular and Integrative Physiology, KUMC
Partially sponsored by the School of Medicine Bohan Visiting Professor Program and the J. Hambleton Abrahams Lectureship in Physiology Endowment Fund

April 30 –
Chiming Huang, Ph.D.
Associate Professor
School of Biological Sciences
University of Missouri – Kansas City
“Neuroscience, Concussions, and Technology”
May –

May 3 –
**James L. Voogt Lecture in Neuroendocrinology**
Jon D. Levine, MD, Ph.D.
Professor
Departments of Medicine, Oral and Maxillofacial Surgery, and Physiological Nursing
Vice Chair, Oral Surgery
Scientific Investigator, The Rosalind Russell Medical Research Center for Arthritis
University of California, San Francisco
“Sex, Drugs, and Pain”
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 4 –
**Exercise is Medicine Conference – Ad Astra Room 7:30 a.m. – 2:45 p.m.**
“Benefits of Exercise for Aging”

Marcas Bamman, Ph.D.
Professor
Departments of Physiology & Biophysics, Medicine
Nutrition Sciences Director, Center for Exercise Medicine
University of Alabama Birmingham School of Medicine
“Promoting Healthy Aging of Skeletal Muscle through Exercise”
Hosted by John Thyfault, Ph.D., and Paige Geiger, Ph.D., Associate Professors
Department of Molecular and Integrative Physiology, KUMC

Lara Boyd, PT, Ph.D.
Canada Research Chair (Tier II)
Neurobiology of Motor Learning
Director, Brain Behavior Laboratory
University of British Columbia
“High Intensity Exercise Facilitates Motor Learning: A Novel Intervention for Stroke?”
Hosted by John Thyfault, Ph.D., and Paige Geiger, Ph.D., Associate Professors
Department of Molecular and Integrative Physiology, KUMC

Susan Gilchrist, M.D.
Associate Professor
Department of Clinical Cancer Prevention and Cardiology
The University of Texas MD Anderson Cancer Center
“Cardiorespiratory fitness to mitigate cardiovascular risk in cancer patients”
Hosted by John Thyfault, Ph.D. and Paige Geiger, Ph.D., Associate Professors
Department of Molecular and Integrative Physiology, KUMC
May 7 –
Eduardo Rosa-Molinar, Ph.D. - Cancelled
Director
Microscopy & Analytical Imaging Research
Resource Core Laboratory
Professor
Pharmacology and Toxicology; Neuroscience Graduate Program
University of Kansas – Lawrence
“Deciphering Synaptic Diversity”

Dissertation Defense, 2:00 p.m. Lied Auditorium
Joshua Curry
Graduate Student
Molecular and Integrative Physiology, KUMC
“The Role of Claudin-2 in the Proximal Tubule and Kidney Stone Disease”

May 11 –
Dissertation Defense, 1:30 p.m. Lied Auditorium
Blake Ebner
Graduate Student
Molecular and Integrative Physiology, KUMC
“The Role of Putative Prion-like Protein, CPEB2, in Translation and Long-term Memory”

May 14 –
**School of Medicine Bohan Distinguished Lecturer**
Alan Spector, Ph.D.
Distinguished Research Professor
Department of Psychology and Program in Neuroscience
Florida State University, Tallahassee, FL
“Gastric Bypass: Taste, Palatability, and Food Selection”
Hosted by John Thyfault, Ph.D., Associate Professor, Department of Molecular and Integrative Physiology, KUMC and Randolph J. Nudo, Ph.D., Professor & Vice Chair Research Department of Rehabilitation Medicine and Landon Center of Aging
Partially sponsored by the School of Medicine Bohan Visiting Professor Program and the J. Hambleton Abrahams Lectureship in Physiology Endowment Fund

May 21 –
**Voyages Seminar Series**
Michael J. Parmely, Ph.D.
Professor and Former Chair
Microbiology, Molecular Genetics and Immunology, KUMC
“Bilbo Baggins, Owen Meany and the Passage of Time”

May 28. No seminar, Memorial Day
June –

June 19 –
Dissertation Defense, 2:00 p.m. Stowers Institute for Medical Research
Zelha Nil
Graduate Student
Molecular and Integrative Physiology, KUMC
“Regulated Assembly of Prion-Like Phosphate, CG5830, Controls its Phosphate Activity and Embryonic Development in Drosophila Melanogaster”

June 27 –
Dissertation Defense, 9:00 a.m. Stowers Institute for Medical Research
Li Chen
Graduate Student
Molecular and Integrative Physiology, KUMC
“Characterization of the Mammalian Methyltransferase Tgs1”