Seminar Series: Spring 2004

January

**January 5** - Henry E. Heffner, Ph.D.
Department of Psychology
University of Toledo
*Animal Models of Tinnitus*

**January 16** - Debra Tucci, M.D.
Department of Otolaryngology
Duke University Medical Center
*Effects of Conductive Hearing Loss on Central Auditory System Function*

**January 26** - Wohaib Hasan, Ph.D.
Department of Molecular & Integrative Physiology
KUMC
*Nerve-Target Interactions: Novel Functions for Nerve Growth Factor*

February

**February 2** - Nancy E.J. Berman, Ph.D.
Department of Anatomy and Cell Biology
KUMC
*It's a Pain to be a Girl ... or ... How I Became a Dental Researcher*

**February 9** – Kenneth E. McCarson, Ph.D.
Pharmacology, Toxicology and Therapeutics
KUMC
*Pain-Induced Neural Plasticity: From Genes to Behavior*

**February 16** – Steve Fowler, Ph.D.
Pharmacology & Toxicology and Life Span Institute
University of Kansas, Lawrence
*Microbehavioral Analysis of Amphetamine-Induced Focused Stereotypes in Rats: Implications for Antipsychotic Drug Development and Basal Ganglia Function*

**February 23** – Blanche Capel, Ph.D.
Department of Cell Biology
Duke University
*The Battle of the Sexes: Controlling the Fate of the Mammalian Gonad*

**February 23** - **Faculty Candidate**
Lane Christenson, Ph.D.
Center for Research on Reproduction & Women's Health
March

March 1 – T. Chris Gamblin, Ph.D.
Molecular Bioscience
University of Kansas, Lawrence
*Modeling Neurodegenerative Tauopathies In Vitro Mammals*

March 8 - Gunda I. Georg, Ph.D.
University Distinguished Professor
Department of Medicinal Chemistry
University of Kansas, Lawrence
*Medicinal Chemistry Approaches to Biological Problems*

March 15 - T. Rajendra Kumar, Ph.D.
Departments of Pathology and Molecular & Cellular Biology
Baylor College of Medicine
*Genetic Approaches to Study the Physiology of the Mouse Reproductive Axis*

March 22 - Marie-Helene Boudrias
Graduate Student
Molecular & Integrative Physiology
KUMC
*Output Properties of Supplementary Motor Area In Rhesus Macaques*

March 29 - Kelly E. Lyons, Ph.D.
Parkinson's Disease & Movement Disorder Center
Department of Neurology
KUMC
*Deep Brain Stimulation for Parkinson's Disease*

April

April 5 - Mehmet Bilgen, Ph.D.
Molecular & Integrative Physiology
KUMC
*Applications of High Resolution MRI in Biomedical Research at KUMC*

April 12- Beth Levant, Ph.D.
Pharmacology, Toxicology and Therapeutics
KUMC
*PUFA's and Mental Health*
April 19 - April Ronca, Ph.D.
Life Sciences Division
NASA Ames Research Center
Gravid without Gravity: Spaceflight Effects on Mammalian Pregnancy and Development

April 26 - Austin Cooney, Ph.D.
Molecular & Cellular Biology
Baylor College of Medicine
Reciprocal Regulation of Oct4 Expression and Pluripotence by the Orphan Receptors LRH-1 and GCNF

May

May 3 - Peter L. Strick, Ph.D.
Department of Neurobiology & Psychiatry
University of Pittsburgh
'Muscle' and 'Movement' Representation in the Motor Cortex: New Anatomical and Physiological Perspectives

May 10 - Anatol Feldman, Ph.D.
Department of Physiology
University of Montreal
Threshold Mechanisms in Movement Production and Control

May 17 - Kent Thornburg, Ph.D.
The Heart Research Center
Oregon Health & Science University
Fetal Heart Growth: Implications for Adult Survival

June

June 2 - **Ph.D. Dissertation Defense**
Audrey Blacklock
Molecular & Integrative Physiology
Estrogen as a Modulator of Peripheral Sensory Innervation

June 25 - **Ph.D. Dissertation Defense**
Ryan Thummel
Molecular & Integrative Physiology
Genetic Analysis of Hoxc13 Orthologs in Mice and Zebrafish