



# EAR DAY

**Department of Communication Disorders & Sciences Rush University**

**November 2, 2012**

**Rooms 712-713 Armour Academic Center**

**10:00 – 10:10 Introduction- Central Auditory Nervous System: Questions and Methods**

**Valeriy Shafiro, Ph.D.** - Communication Disorders and Sciences-Rush University Medical Center

**10:10-11:00 Effects of Sensorineural Hearing Loss on Temporal Coding in the Auditory Nerve**

**Michael Heinz, Ph.D.** -Communication Sciences and Disorders, Purdue University

**11:00-11:50 Stability and Plasticity in the Central Auditory System**

**Andrew Sabin, Ph.D.** - Communication Sciences and Disorders-Northwestern University

**11:50-12:40 Neural Correlates of Auditory Function and Training in Older Adults**

**Samira Anderson, Ph.D.** - Communication Sciences and Disorders-Northwestern University

**12:40-1:40 Lunch**

**1:40 – 2:30 How does the Human Auditory Cortex Respond to Spectrally Degraded Sounds?**

**Kirill Nourski, MD, Ph.D.** - Department of Neurosurgery -University of Iowa

**2:30-3:20 Hierarchical Emergence of Selectivity and Tolerance in the Avian Auditory Cortex**

**Dan Meliza, Ph.D.** - Department of Organismal Biology and Anatomy-University of Chicago

**3:30-3:50 Break**

**3:50-4:40 Studies on the Mouse Auditory Forebrain in Normal and Pathological States**

**Daniel Llano MD, Ph.D.** - Department of Molecular and Integrative Physiology-University of Illinois at Urbana-Champaign

**4:40-5:00 Conclusions and Parting Thoughts on CANS Research**

**Panel**

*Light lunch and refreshments will be provided.*

*This event is free but registration is required,*

*please contact Jeri Williams ([Jeri-Lynn\\_Williams@rush.edu](mailto:Jeri-Lynn_Williams@rush.edu)) to register.*