<table>
<thead>
<tr>
<th>Date</th>
<th>Title</th>
<th>Speaker</th>
<th>Host</th>
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<tr>
<td>01/10/17</td>
<td>&quot;Unfolded Protein Response in Drosophila Development, Disease and Lifespan&quot;</td>
<td>Hyung Don Ryoo, Ph.D., New York University School of Medicine</td>
<td>Helmut Kramer, Ph.D., Neuroscience Department</td>
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<td>01/17/17</td>
<td>&quot;Dissecting the Neural Circuits that Mediate Motivated Behaviors&quot;</td>
<td>Garret Stuber, Ph.D., University of North Carolina School of Medicine</td>
<td>David Self, Ph.D., Department of Psychiatry</td>
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<td>01/18/17</td>
<td>Host: Joe Takahashi, Ph.D., Neuroscience Department</td>
<td>Leslie Vosshall, Ph.D., The Rockefeller University-ULS Talk</td>
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<td>01/24/17</td>
<td>&quot;Conus Venom Peptides: From Biodiversity to Neuroscience&quot;</td>
<td>Baldomero Olivera, Ph.D., HHMI, University of Utah</td>
<td>Ryan Hibbs, Ph.D., Neuroscience Department</td>
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<td>01/31/17</td>
<td>&quot;The Fabric of the Neocortex: Canonical Structure and Computations&quot;</td>
<td>Andreas Tolias, Ph.D., Baylor College of Medicine</td>
<td>TK Kim, Ph.D., Neuroscience Department</td>
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<td>02/07/17</td>
<td>&quot;Clinical, Genetic and Biological Study of Episodic Neurological Diseases&quot;</td>
<td>Louis Ptacek, M.D., HHMI, University of California, San Francisco</td>
<td>Gena Konopka, Ph.D., Neuroscience Department</td>
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<td>02/14/17</td>
<td>&quot;Functional Imaging Hippocampal Circuits for Navigation and Memory&quot;</td>
<td>Attila Losonczy, M.D., Ph.D., Columbia University Medical Center</td>
<td>Wei Xu, Ph.D., Neuroscience Department</td>
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<td>02/21/17</td>
<td>&quot;Directing Neural Plasticity to Understand and Treat Neurological Disease.&quot;</td>
<td>Mike Kilgard, Ph.D., University of Texas at Dallas</td>
<td>Juan Pascual, M.D., Ph.D., Neurology Department</td>
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<td>03/07/17</td>
<td>&quot;Modifying Memory Circuits During Memory Consolidation&quot;</td>
<td>Mark Mayford, Ph.D., Scripps Research Institute</td>
<td>Lenora Volk, Ph.D., Neuroscience Department</td>
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<td>03/14/17</td>
<td>&quot;Axonal Health: Metabolism Takes Center Stage&quot;</td>
<td>Jeff Milbrandt, M.D., Ph.D., Washington University School of Medicine</td>
<td>Marc Diamond, M.D., Center for Alzheimer’s &amp; Neurodegenerative Diseases</td>
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<td>03/21/17</td>
<td>&quot;Cortical Pattern Recognition and Memory of Odor Objects&quot;</td>
<td>Don Wilson, Ph.D., NYU School of Medicine</td>
<td>Julian Meeks, Ph.D., Neuroscience Department</td>
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<td>03/28/17</td>
<td>&quot;Coping Strategy and Sex as Determinants of Stress Pathology&quot;</td>
<td>Rita Valentino, Ph.D., University of Pennsylvania</td>
<td>Carol Tamminga, Ph.D., Psychiatry Department</td>
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<td>04/04/17</td>
<td>&quot;Synapse and Circuit Dysfunction Associated with Neurodevelopmental Disorders&quot;</td>
<td>Gavin Rumbaugh, Ph.D., Scripps Research Institute-Florida</td>
<td>Kim Huber, Ph.D., Neuroscience Department</td>
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<td>04/11/17</td>
<td>&quot;Hippocampus: Memory in space and time&quot;</td>
<td>Howard Eichenbaum, Ph.D., Boston University</td>
<td>Wei Xu, Ph.D., Neuroscience Department</td>
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<td>04/18/17</td>
<td>&quot;Neural Circuits for Skilled Movement&quot;</td>
<td>Eiman Azim, Ph.D., The Salk Institute for Biological Studies</td>
<td>Helen Lai, Ph.D., Neuroscience Department</td>
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Ulrike Heberlein, Ph.D., Janelia Research Campus

04/25/17
“Neuroanatomy of Pleasure in Drosophila”
Neuroscience Retreat Keynote Speaker

Grae Davis, Ph.D., University California San Francisco

05/02/17
“The Stable Brain: Molecular Mechanisms of Homeostatic Plasticity”
Host: Weichun Lin, Ph.D., Neuroscience Department

Roger Clem, Ph.D.

05/09/17
“Synaptic Substrates of Threat Learning and Memory”
Host: Lenora Volk, Ph.D., Department of Neuroscience

Cagla Eroglu, Ph.D., Duke University School of Medicine

05/16/17
“How do Astrocytes Construct Synaptic Circuits?”
Hosts: Jon Terman, Ph.D. / Ege Kavalali, Ph.D., Neuroscience Department

Laura Ranum, Ph.D., University of Florida College of Medicine

05/23/17
“Repeat Associated Non-ATG Translation: Lessons from SCA8, C9orf72 ALS/FTD and Myotonic Dystrophy”
Host: Marc Diamond, M.D., Center for Alzheimer’s & Neurodegenerative Disease

Lennart Mucke, M.D., University of California San Francisco

05/30/17
“Overlapping Mechanisms and Therapeutic Opportunities in Epilepsy and Hosts: Mark Henkemeyer, Ph.D., Neuroscience Department

Jesse Gray, Ph.D., Harvard Medical School

09/12/17
“Distinct Neuronal Activity Patterns Induce Different Gene Expression Programs”
Host: TK Kim, Ph.D., Neuroscience Department

Michael Granato, Ph.D., University of Pennsylvania; Perelman School of Medicine

09/19/17
“Genetic Analysis of Neural Plasticity in Zebrafish”
Host: Weichun Lin, Ph.D., Neuroscience Department

Michael Yartsev, Ph.D., University of California, Berkeley

09/26/17
“Neural Basis of Complex Spatial and Acoustic Behaviors- In Bats”
Host: Todd Roberts, Ph.D., Neuroscience Department

Istvan Mody, Ph.D., University of California, Los Angeles

10/03/17
“Plasticity Gone Awry in Aging”
Host: Jenny Hsieh, Ph.D., Department of Neurology

Ed Boyden, Ph.D., Massachusetts Institute of Technology

10/10/17
“Optical Tools for Mapping and Controlling Complex Biological Systems”
Host: Anne Stowe, Ph.D., Department of Neurology

Kristin Scott, Ph.D., University of California, Berkeley

10/17/17
“Processing Tastes in Drosophila”
Host: Dean Smith, M.D., Ph.D., Department of Neuroscience

Hiroaki “Hiro” Matsunami, Ph.D., Duke University

10/24/17
“Deorphanizing Olfactory Receptors”
Host: Julian Meeks, Ph.D., Neuroscience Department

Taekyung Kim, Ph.D., UT Southwestern

10/31/17
“Activity-Dependent Gene Expression Program Underlying Neural Plasticity”
Host: Joe Takahashi, Ph.D., Neuroscience Department

Dan Minor, Ph.D., University of California, San Francisco

11/07/17
“Ion Channel Chemical Biology: Driving a Wedge into the Heart of a Temperature-Sensitive Ion Channel”
Host: Ryan Hibbs, Ph.D., Neuroscience Department

Sarah Ross, Ph.D., University of Pittsburgh

11/28/17
“Neural Circuits of Itch of Pain”
Host: Helen Lai, Ph.D., Neuroscience Department

Jason Richardson, Ph.D., DABT, ATS Northeast Ohio Medical University

12/05/17
“Gene-Environment Interactions in Alzheimer’s Disease”
Host: Dwight German, Ph.D., Psychiatry Department
Sponsored By: The Departments of Neuroscience, Neurology & Neurotherapeutics, and Psychiatry

For Information Please Contact: Neuroscience.SeminarSeries@UTSouthwestern.edu