



Kavli Neuroscience Discovery Institute Postdoctoral Award Symposium

Wednesday, April 12th, 2017 • 3 to 5 PM
Mountcastle Auditorium • Reception to Follow

Audrey Branch

"Three-dimensional Analysis of Newborn Neuron
Integration in Aging"

PIs: Michela Gallagher and Joshua Vogelstein

Jonathan Ling

"Mapping the Hidden Transcriptome in
Retinal Differentiation"

PIs: Jeffrey Leek and Seth Blackshaw

Manu Madhav

"Stabilizing the Cognitive Map with Real-time
Feedback in Virtual Reality to Quantify the
Influence of Optic Flow"

PIs: Jim Knierim and Noah Cowan

Daniel Tward

"MR Micro Imaging and Three Dimensional
Histology: Integrating Neuroimaging Data
Across Scales"

PIs: Michael Miller and Juan Troncoso

Bo Ning

"Development of Head-mount Fiber-optic
Platform for Two-photon Imaging of Freely
Walking Animals"

PIs: Xingde Li and Dwight Bergles

Pierre Sacre

"Neural Correlates During Human Decision-
making: The Integration of Rational Reasoning
and Internal Biases"

PIs: Sri Sarma and Ernst Niebur

Simon Allard

"Imaging Cholinergic Fiber Activation"

PIs: Marshall Shuler and
Michael Miller

Janaka Senarathna

"NeuroSCOPE - A Wireless Miniature Microscope
for Brain Imaging in Freely Moving Animals"

PIs: Arvind Pathak and Nitish Thakor

Xindong Song

"Chronic Calcium Imaging of Auditory Cortical Neurons in Awake Marmosets
with Quiet Two-Photon Microscopy and a Scalable Data Workflow"

PIs: Xiaoqin Wang and Randal Burns

