

Day 00 - NeuroFutures2017 Public Lecture Sunday July 9th		Introduction/Moderator	Speaker or Attendees	Speaker or Attendees	Speaker or Attendees	Speaker or Attendees	Location	
Start	End							
5:00pm	5:45pm	Technical Run-through		Speaker			Auditorium	
6:00pm	7:30pm	Public Lecture & Discussion - Neuroscience and Artificial Intelligence	Tim Murphy, University of British Columbia /Amy Bernard, Allen Institute for Brain Science	Gary Marcus, New York University, "What artificial intelligence can learn from the brain and vice versa"			Auditorium	
7:30pm	8:00pm	Reception		All guests			Atrium	
Day 01 - NeuroFutures Conference Monday July 10th		Introduction/Moderator	Speaker or Attendees	Speaker or Attendees	Speaker or Attendees	Speaker or Attendees	Location	
Start	End							
7:30am	8:45am	Technical Run-through		Day 1 speakers			Auditorium	
7:45am	8:45am	Registration and Continental Breakfast		All			Atrium	
9:00am	10:00am	Opening Keynote - Engineering fluorescent protein probes	Tim Murphy, University of British Columbia	Loren Looger, Janelia Research Campus, "Tools to follow the brain in action".			Auditorium	
10:00am	10:30am	Coffee and morning break		All			Atrium	
10:30am	12noon	Recombinant probes and protein/small molecule engineering for neuroscience	Rad Roberts, University of Washington	10:30-11:00am Robert Campbell, University of Alberta, "Engineering of red-shifted genetically encoded neurophotonic probes"	11:00-11:30am Axerio-Cilies, University of British Columbia, "In silico drug design for selecting NMDA receptor subtype specific modulators"	11:30am-noon Lance Stewart, University of Washington, "De novo protein design: binders, switches, and channels for future neuroscience applications".	Auditorium	
12noon	1pm	Lunch		All			Atrium	
1pm	3:00pm	Circuits in behavior	Sheri Mizumori, University of Washington	1:30-1:30 pm Richard Palmiter, University of Washington, "A neural circuit that controls appetite and responds to threats."	1:30-2:00pm David Gire, University of Washington, "Neural circuits for processing natural odor scenes".	2:00-2:30pm Jonathan Epp, University of Washington, "Regulation of circuit stability and memory persistence by adult neurogenesis".	2:30-3:00pm Eric Turner, University of Washington, "The lawless frontiers of the Habenula"	Auditorium
3:00pm	3:30pm	Coffee and afternoon break		All			Atrium	
3:30pm	5:00pm	Mesoscale connectivity new methods and approaches	Bill Rooney, Oregon Health & Science University	3:30-4:00pm Jack Waters, Allen Institute for Brain Science, "An extended map of retinotopy in mouse neocortex"	4:00-4:30pm Tianyi Mao, Oregon Health and Science University, "Integration of multiple mesoscopic maps for analyzing functional circuit properties and its plasticity".	4:30-5:00pm Jennifer Whitesell, Allen Institute for Brain Science, "Anatomical correlates for the mouse default mode network and its vulnerability in Alzheimer's disease".	Auditorium	
5:00pm	7:30pm	Poster session 1 & happy hour reception		All			Atrium	
Day 02 - NeuroFutures Conference Tuesday July 11th		Introduction/Moderator	Speaker or Attendees	Speaker or Attendees	Speaker or Attendees	Speaker or Attendees	Location	
Start	End							
7:45am	8:45am	Technical Run-through		Day 2 speakers			Auditorium	
7:45am	8:45am	Registration and Continental Breakfast		All			Atrium	
9:00am	10:00am	Brain clearing, expansion, and super-resolution technologies	TBA University of British Columbia	9:00-9:30am Kwanghun Chung, Massachusetts Institute of Technology, "Integrated multiscale imaging and phenotyping of intact biological systems".	9:30-10:30am Joshua Vaughan, University of Washington, "Super-resolution microscopy made simple".		Auditorium	
10:00am	10:30am	Coffee and morning break poster session 2		All			Atrium	
10:30am	12 noon	Exploring brain circuitry by leveraging cell class identity: Approaches in genetic engineering and structural biology.	Amy Bernard, Allen Institute for Brain Science	10:30-11:00am Tanya Daigle, Allen Institute for Brain Science, "New genetic tools for functional analysis of cell types".	11:00-11:30am John Mich, Allen Institute for Brain Science, "Marker discovery and modeling of human brain development".	11:30am-noon Michelle Naugle, Allen Institute for Brain Science, "Exploring the synaptic networks of human cortex".	Auditorium	
12 noon	1:30pm	Lunch and poster session 2		All			Atrium	
1:30pm	3:30pm	Circuits in disease models and memory systems	TBA, University of British Columbia	1:30-2:00pm Jodi McBride, Oregon Health and Science University, "Changes in brain connectivity in Huntington's disease".	2:00-2:30pm Shernaz Bamji, University of British Columbia, "The X-linked intellectual disability gene DHHC9 and the formation of neural circuits".	2:30-3:00pm Majid Mohajerani, University of Lethbridge, "In vivo optical imaging assessment of mouse cortical-hippocampal dialogue during rest".	3:00-3:30pm Cathy Rankin, University of British Columbia, "High throughput, high resolution machine vision analyses of C.elegans behavior lead to new insights about learning".	Auditorium
3:30pm	3:45pm	Break		All			Atrium	
3:45pm	4:45pm	Closing Keynote - Imaging Brain Metabolism	Jane Roskams, University of British Columbia	3:45-4:45pm Brian MacVicar, University of British Columbia, "			Auditorium	
4:45pm	5:00pm	Final wrap-up & Poster awards		All			Auditorium	