

## SfN 2023 - University of Michigan Presentations by Last Name

	A	B	C	F	G	H	I	J	R	S	T
1	Last Name	First Name	U-M/MNI Collaborators	Presentation Start	Presentation End	Session Number	Presentation Order	Session Title	Presentation Number	Location	Presentation Title
3	<b>Saturday, November 11th</b>										
4	Chang	Wei-Chih	Stacy	1:00 PM	5:00 PM	PSTR008	14	Epilepsy: Networks Changes and Modifications	PSTR008.14	WCC Halls A-C	Forecasting seizures using evoked response features in tetanus toxin induced epilepsy in rats
5	Emery	Katie	Berridge	1:00 PM	5:00 PM	PSTR040	11	Neuronal Circuits, Motivation, and Emotion	PSTR040.11	WCC Halls A-C	The role of extended amygdala CRF in incentive motivation and addiction
6	Feldman	Eva	Feldman	1:30 PM	2:30 PM	MTCE01	1	Meet-the-Clinician-Expert: Feldman " Somewhere Over the Rainbow: The Dreams We Dare to Dream for ALS Can Come True	MTCE01.01	WCC 103	Somewhere Over the Rainbow: The Dreams We Dare To Dream For ALS Can Come True
7	Felix	Princess	Flagel	1:00 PM	5:00 PM	PSTR040	16	Neuronal Circuits, Motivation, and Emotion	PSTR040.16	WCC Halls A-C	The effect of glucocorticoid receptor knockdown in a corticostriatal circuit on cue-motivated behaviors
8	Furman	Katherine	Burgess	1:00 PM	5:00 PM	PSTR038	11	Ingestion and Energy Balance: Neuropeptides and Hormonal Control	PSTR038.11	WCC Halls A-C	Melanin-concentrating hormone neurons differentially regulate feeding and arousal as a function of downstream projection area
9	Hagenauer	Megan	Hagenauer	1:00 PM	5:00 PM	TJP05	2	Neuroscience Outreach and Education	TJP05.02SA	WCC Halls A-C	The Brain Data Alchemy Project: Teaching research reproducibility and discovery science while mining gold from archived genomics data
10	Kim	Bhumsoo	Feldman, Various	1:00 PM	5:00 PM	PSTR013	14	Tau: Aggregation and Phosphorylation	PSTR013.14	WCC Halls A-C	Palmitate modulates neuroglial interaction through the extracellular vesicles: possible link between metabolic syndrome and Alzheimer's disease.
11	Potter	Liam	Burgess, Various	1:00 PM	5:00 PM	PSTR038	10	Ingestion and Energy Balance: Neuropeptides and Hormonal Control	PSTR038.10	WCC Halls A-C	Functional interactions between the melanin-concentrating hormone and mesolimbic dopamine systems during food consumption and appetitive learning.
12	Schuh	Kristen	Tronson, Various	1:00 PM	5:00 PM	PSTR043	17	Animal Models of Mood Disorders: Neuromodulation	PSTR043.17	WCC Halls A-C	Regulation of stress and mood in a mouse model of oral contraceptives
13	Sellers	Jacob	Jonides, Various	1:00 PM	5:00 PM	PSTR049	19	Inhibitory Control and Disorders of Executive Functions	PSTR049.19	WCC Halls A-C	Causal evidence for the role of lateral prefrontal cortex in the time course of interference resolution
14	Tian	Yi	Yoon, Various	1:00 PM	5:00 PM	PSTR057	9	Neuromodulation Techniques: Electrical, Magnetic, Thermal, Optical, and Optogenetics	PSTR057.09	WCC Halls A-C	Thermalflex: A Flexible Microfluidic-Based Cooling Module for Focal Brain Temperature Control and Neural Activity Modulation
16	<b>Sunday, November 12th</b>										
17	Ahmed	Omar	Ahmed	8:00 AM	12:00 PM	PSTR111	1	Cortical Circuits: Extended Hippocampal System and Retrosplenial Cortex	PSTR111.01	WCC Halls A-C	Multiplexed interhemispheric information exchange in the retrosplenial cortex
18	Akil	Huda	Akil	3:00 PM	4:30 PM	LEC09	1	Peter and Patricia Gruber Lecture: The Emotional Brain: Embracing the Complexity	LEC09.01	WCC Hall D	Peter and Patricia Gruber Lecture: The Emotional Brain: Embracing the Complexity
19	Balendran	Vinodh	Aton	8:00 AM	12:00 PM	PSTR068	3	Structural Plasticity: Neurons and Networks I	PSTR068.03	WCC Halls A-C	State-dependent regulation of hippocampal memory consolidation via somatostatin interneurons
20	Brissenden	James	Polk	1:00 PM	5:00 PM	PSTR169	18	Distributed Mechanisms of Working Memory and Decision-Making I	PSTR169.18	WCC Halls A-C	Differential causal roles of parietal cortex, frontal cortex and cerebellum in spatial working memory

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21	Brooks	Isaac	Ahmed	8:00 AM	12:00 PM	PSTR111	3	Cortical Circuits: Extended Hippocampal System and Retrosplenial Cortex	PSTR111.03	WCC Halls A-C	The retrosplenial transcriptome in mice, rats, and preclinical Alzheimer's disease
22	Costello	Joseph	Patil, Chestek	8:00 AM	12:00 PM	PSTR088	27	Using Neuroprosthetics to Restore Skilled Behaviors	PSTR088.27	WCC Halls A-C	Balancing memorization and generalization in RNNs for high performance brain-machine interfaces
23	Cubillos	Luis	Patil, Chestek	8:00 AM	12:00 PM	PSTR088	28	Using Neuroprosthetics to Restore Skilled Behaviors	PSTR088.28	WCC Halls A-C	A deep-learning-augmented Kalman filter for high-performance intracortical decoding
24	Deluisi	Joseph	Polk, Taylor, Various	1:00 PM	5:00 PM	PSTR151	11	Sensorimotor Transformations: Human and Nonhuman Primate	PSTR151.11	WCC Halls A-C	State-dependent effects of parietal intermittent theta burst stimulation on visuomotor control circuits
25	DeWitt	Iain	Brang	1:00 PM	5:00 PM	PSTR152	11	Cross-Modal Processing in Humans	PSTR152.11	WCC Halls A-C	Speech representation in Heschl's gyrus modified by visual input
26	Ding	Jiahui	Wang, Wenjing	8:00 AM	12:00 PM	PSTR115	13	Biochemical and Molecular Tools for Neuronal Tagging	PSTR115.13	WCC Halls A-C	A genetically-encoded light-gated transcriptional reporter for detecting opioid peptides
27	Ekins	Tyler	Ahmed, Various	8:00 AM	12:00 PM	PSTR105	15	Hallucinogens: Neural Mechanisms	PSTR105.15	WCC Halls A-C	Psychedelic control of prefrontal cortex excitability
28	Fields	Christopher	Pal, Various	1:00 PM	5:00 PM	PSTR126	4	Cortical Network Dynamics	PSTR126.04	WCC Halls A-C	Intravenous administration of 2,5 Dimethoxy-4-iodoamphetamine, a serotonergic psychedelic, produces active emergence from propofol anesthesia and restoration of spectral power and functional connectivity
29	Fogo	Garrett	Sanderson, Various	8:00 AM	12:00 PM	PSTR077	1	Ischemia: Molecular and Cellular Mechanisms	PSTR077.01	WCC Halls A-C	Characterization of the intramitochondrial proteostatic response in a primary neuron model of ischemia/reperfusion injury
30	Goldenkoff	Elana	Polk, Taylor, Various	1:00 PM	5:00 PM	PSTR151	5	Sensorimotor Transformations: Human and Nonhuman Primate	PSTR151.05	WCC Halls A-C	State-dependent effects of parietal stimulation on cortical plasticity and action control
31	Hartner	Jeremiah	Watson, B	8:00 AM	12:00 PM	PSTR117	5	Electrophysiology Techniques: Methods for Recording from Many Single Cells in Parallel	PSTR117.05	WCC Halls A-C	Custom Design and 3D Printed Skull Cap with Integrated Micro-drives for Multi-region Microelectrode Array Implantation for Rat Brain Recordings
32	Huels	Emma	Mashour, Pal	1:00 PM	5:00 PM	PSTR126	3	Cortical Network Dynamics	PSTR126.03	WCC Halls A-C	Effect of intravenous salvinorin A, the primary psychoactive molecule in Salvia divinorum, on brain network dynamics in rat
33	Kelberman	Madison	Chestek, Patil, Various	8:00 AM	12:00 PM	PSTR088	24	Using Neuroprosthetics to Restore Skilled Behaviors	PSTR088.24	WCC Halls A-C	Compression or noise reduction: the role of dimensionality reduction methods in understanding the brain-muscle relationship
34	Khalil	Huzefa	Khalil, Watson, Akil, Various	8:00 AM	12:00 PM	PSTR098	9	Depression and Anxiety	PSTR098.09	WCC Halls A-C	The role of the HPA axis response to an acute social stressor in predicting resilience to anxiety and depression in college freshmen
35	Leventhal	Daniel	Leventhal, Burgess, Various	1:00 PM	5:00 PM	PSTR154	13	Basal Ganglia: Physiology and Function	PSTR154.13	WCC Halls A-C	Striatal dopamine dynamics regulate forelimb-digit coordination during rat skilled reaching
36	Majumdar	Areti	Stacey, Various	1:00 PM	5:00 PM	PSTR152	5	Cross-Modal Processing in Humans	PSTR152.05	WCC Halls A-C	Visual speech increases the decodability of phonemes in auditory cortex
37	McDonald	Katherine	Aton, Various	8:00 AM	12:00 PM	PSTR068	1	Structural Plasticity: Neurons and Networks I	PSTR068.01	WCC Halls A-C	The effect of post-learning sleep deprivation on neuronal activation, ensemble reactivation, and transcript expression in the mouse dentate gyrus

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38	McKinstry	Delaney	Aton, Zochowski, Various	8:00 AM	12:00 PM	PSTR068	4	Structural Plasticity: Neurons and Networks I	PSTR068.04	WCC Halls A-C	Nrem-targeted activation of medial septal cholinergic input to hippocampus disrupts consolidation of multiple hippocampal-dependent memories
39	Morales	Ileana	Berridge, Eban-Rothschild	1:00 PM	5:00 PM	PSTR165	1	Motivation and Food	PSTR165.01	WCC Halls A-C	Optogenetic hedonic hotspots in orbitofrontal cortex, insula, ventral pallidum, and anterior cingulate cortex causally enhance liking and wanting for sweet food reward
40	Nagashima	Mikiko	Hitchcock, Various	1:00 PM	5:00 PM	PSTR119	6	Cell Proliferation and Migration I	PSTR119.06	WCC Halls A-C	Il10 signaling governs the proliferation of M&252;ller glia-derived progenitors via regulating inflammatory resolution of microglia during regeneration of photoreceptors in zebrafish
41	Oberle	Hannah	Apostolides, Various	1:00 PM	5:00 PM	PSTR145	15	Auditory Processing: Circuit Structure and Function	PSTR145.15	WCC Halls A-C	Auditory cortex differentially modulates inferior colliculus sub-circuits
42	Phillips	Chrystian	Moenter	1:00 PM	5:00 PM	PSTR158	3	Molecular and Cellular Changes with Reproductive State and Hormones	PSTR158.03	WCC Halls A-C	Roles for hypothalamic astrocytes in neural circuits controlling reproduction
43	Rybicki-Kler	Chloe	Ahmed, Various	8:00 AM	12:00 PM	PSTR111	2	Cortical Circuits: Extended Hippocampal System and Retrosplenial Cortex	PSTR111.02	WCC Halls A-C	Cell-type-specific cholinergic control of retrosplenial cortex with implications for angular velocity coding across brain states
44	Saravanan	Aiswarya	Watson, B, Various	1:00 PM	5:00 PM	PSTR126	1	Cortical Network Dynamics	PSTR126.01	WCC Halls A-C	Alertness and Learning Interact to Produce Brief Periods of Optimal Cognition in Mice
45	Silveira	Marina	Roberts, Various	1:00 PM	5:00 PM	PSTR145	10	Auditory Processing: Circuit Structure and Function	PSTR145.10	WCC Halls A-C	Neuropeptide Y signaling regulates recurrent excitation in the inferior colliculus.
46	Silverstein	Brian	Pal, Vanini, Mashour, Various	1:00 PM	5:00 PM	PSTR126	5	Cortical Network Dynamics	PSTR126.05	WCC Halls A-C	Intravenous psilocybin disrupts theta-gamma coupling and enhances frontoparietal networks in rat
47	Soto Acevedo	Angeliz	Wang, Wenjing	8:00 AM	12:00 PM	PSTR115	14	Biochemical and Molecular Tools for Neuronal Tagging	PSTR115.14	WCC Halls A-C	Engineering genetically encoded integration sensors for whole-brain mapping of G<sub>q</sub>-protein-coupled receptor ligands
48	Starrett	Joseph	Moenter	1:00 PM	5:00 PM	PSTR158	9	Molecular and Cellular Changes with Reproductive State and Hormones	PSTR158.09	WCC Halls A-C	Characterization of a central circuit controlling ovulation in mice
49	Turner	Cortney	Turner, Various	8:00 AM	12:00 PM	PSTR098	6	Depression and Anxiety	PSTR098.06	WCC Halls A-C	Stress, Genetics and Mood: Impact of COVID-19 on a College Freshman Sample
50	Vazquez Rivera	Luis	Wang, Wenjing, Various	9:45 AM	10:00 AM	NANO12	9	Neuropeptides, Cytokines, Growth Factors, and Other Signaling Molecules	NANO12.08	WCC 152A	Evolving chemogenetic and optogenetic tools for multiplexed control of peptide functions
51	Vega Medina	Alexis	Aton	8:00 AM	12:00 PM	PSTR068	2	Structural Plasticity: Neurons and Networks I	PSTR068.02	WCC Halls A-C	Bidirectional manipulation of orexinergic neurons show sexual dimorphism in learning and memory
52	Wallace	Dylan	Patil, Chestek	8:00 AM	12:00 PM	PSTR088	10	Using Neuroprosthetics to Restore Skilled Behaviors	PSTR088.10	WCC Halls A-C	Regenerative Peripheral Nerve Interfaces (RPNIs) and Implanted Electrodes Improve Online Control of Prostheses for Hand and Wrist
53	Ward	Ayobami	Patil, Chestek	8:00 AM	12:00 PM	PSTR088	11	Using Neuroprosthetics to Restore Skilled Behaviors	PSTR088.11	WCC Halls A-C	Non-human primate direct motor point fes for dexterous hand movement
55	<b>Monday, November 13th</b>										

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56	Allouch	Adam	--	1:00 PM	5:00 PM	PSTR253	15	Microglia: Disease Mechanisms	PSTR253.15	WCC Halls A-C	Adipose tissue-derived extracellular vesicles; effects of aging and inflammation in obesity and prediabetes
57	Bence	Emily	Leventhal, Opri, Various	1:00 PM	5:00 PM	PSTR261	16	Parkinson's Disease: Therapeutic Strategies and Clinical Interventions	PSTR261.16	WCC Halls A-C	Deep Brain Stimulation-Induced Local Evoked Potentials for Intraoperative Functional Mapping in Parkinson's Disease
58	Clements	Benjamin	Traynor	8:00 AM	12:00 PM	PSTR210	15	Physiological and Behavioral Impacts of Opioids	PSTR210.15	WCC Halls A-C	Allosteric Modulation of the $\mu$ -Opioid Receptor by Distinct Drug Classes Enhances Opioid Activity in vivo and in vitro
59	Drotos	Audrey	Roberts, Various	1:00 PM	5:00 PM	PSTR274	8	Auditory Processing: Neurotransmitters, Channels and Synapses	PSTR274.08	WCC Halls A-C	GluN2D-containing NMDA receptors enhance temporal integration in VIP neurons in the inferior colliculus
60	Ferrario	Carrie	Ferrario	6:45 PM	8:45 PM	SOC15	2	Ingestive Behavior Social	SOC15	renaissance " 999	Social Chair
61	Gould	Jonathan	Draelos	8:00 AM	12:00 PM	PSTR243	6	Computational Neuroscience: Experiment	PSTR243.06	WCC Halls A-C	Real-time prediction of latent neural trajectories and behavior
62	Gurdon	Brianna	Kaczorowski	1:00 PM	5:00 PM	PSTR257	28	Alzheimer's Disease: Genetics	PSTR257.28	WCC Halls A-C	Linking cognitive and pathological resilience using brain-wide immunohistochemistry in the AD-BXD panel
63	Hafner	Hannah	Giger, Various	1:00 PM	5:00 PM	PSTR264	3	Neuroinflammation and Neurological Disorders	PSTR264.03	WCC Halls A-C	Sarm1 deficiency regulates neuron intrinsic and extrinsic mechanisms of axon regeneration in the injured mammalian PNS
64	Huang	Zirui	Hudetz, Various	1:00 PM	5:00 PM	PSTR294	6	Subcortical Circuitry of Perception and Emotion	PSTR294.06	WCC Halls A-C	Reorganization of thalamocortical functional connectivity underlies loss of consciousness
65	Kanel	Prabesh	Albin, Frey, Various	1:00 PM	5:00 PM	PSTR260	22	Dopamine and Non-Dopamine Pathways	PSTR260.22	WCC Halls A-C	Topography of regional cerebral cholinergic vesicular transporter correlates of visual contrast sensitivity in Parkinson's disease: A [ <sup>18</sup> F]-FE0BV PET study
66	Kaya	Ekin	Rothschild, Eban-Rothschild, Various	1:00 PM	5:00 PM	PSTR286	10	Ingestion and Energy Balance: Integration of Peripheral Signals	PSTR286.10	WCC Halls A-C	Mnemonic and metabolic interactions across the hippocampal-hypothalamic circuit
67	Marzullo	Tim	NGP	12:00 PM	2:00 PM	PDW11	3	Teaching Neuroscience: New Approaches to Electrophysiology Labs	PDW11	WCC 207B	Speaker
68	Panda	Rupsha	Albin, Vesia, Various	1:00 PM	5:00 PM	PSTR261	19	Parkinson's Disease: Therapeutic Strategies and Clinical Interventions	PSTR261.19	WCC Halls A-C	Causal evidence for the role of cognitive control networks in motor performance in Parkinson's Disease: a combined fMRI-TMS approach
69	shi	kaiwen	Apostolides, Various	1:00 PM	5:00 PM	PSTR273	2	Auditory Processing: Temporal, Frequency, and Spectral Processing	PSTR273.02	WCC Halls A-C	Population coding of time-varying sounds in the non-lemniscal Inferior Colliculus
70	Singer	Benjamin	Various	10:30 AM	12:00 PM	BTCR02	5	The Long Haul: Brain Dysfunction After Acute Illness &mdash; Joanna L. Spencer-Segal	BTCR02.04	WCC 206	Speaker
71	Spencer-Segal	Joanna	Spencer-Segal	10:30 AM	12:00 PM	BTCR02	2	The Long Haul: Brain Dysfunction After Acute Illness &mdash; Joanna L. Spencer-Segal	BTCR02.01	WCC 206	Chair
72	Sun	Guanhua	Forger	1:15 PM	1:30 PM	NANO49	3	Network Models	NANO49.02	WCC 152A	Neuroviz: a platform for large-scale neuron simulation
73	Torres Torres	Francisco	Sanderson, Various	8:00 AM	12:00 PM	PSTR203	9	Neuroinflammation: Microglia	PSTR203.09	WCC Halls A-C	A multi-disciplinary approach to interrogating the relationship between inflammasome signaling and mitochondrial dynamics during ischemia/reperfusion injury

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74	Wang	Wenjing	Wang	10:44 AM	11:07 AM	MIN13	7	Building Bridges Across Chemistry and Neuroscience: New Approaches for Sensing and Manipulating Neuronal Signaling -&nbsp;Christina Kim	MIN13.06	WCC Ballroom B	Chemogenetic tools for manipulating endogenous GPCRs
75	Xu	Guan	Various	8:00 AM	12:00 PM	PSTR241	28	Optical Methodology-Development	PSTR241.28	WCC Halls A-C	Photoacoustic imaging of cortical and subcortical responses to retinal photostimulation in mice
77	<b>Tuesday, November 14th</b>										
78	Berchulski	Mariah	Kaczorowski	8:00 AM	12:00 PM	PSTR326	18	ApoE and Associated Pathways II	PSTR326.18	WCC Halls A-C	ApoE variant alters hyperexcitability associated with Alzheimer's disease in dentate granule neurons
79	Cao	Cody Zhewei	Brang	1:00 PM	5:00 PM	PSTR412	32	Auditory Processing: Perception, Cognition, and Action II	PSTR412.32	WCC Halls A-C	Visual Speech Differently Restores Temporal and Spectral Speech Information in the Auditory Cortex
80	Chen	Po-Ju	Bl, Bruns	1:00 PM	5:00 PM	PSTR421	2	Neural Control of GI and Urogenital Systems	PSTR421.02	WCC Halls A-C	Perineal and rectal nerve recruitment order varies during pudendal neurostimulator implant surgery
81	Deluisi	Joseph	Polk, Taylor	8:00 AM	12:00 PM	PSTR348	7	Cortical Planning and Execution: Human Neurophysiology	PSTR348.07	WCC Halls A-C	Dsgrid: a dual-site tms grid-search targeting method for personalized functional stimulation of parietal-frontal circuits involved in actions
82	Duncan	Robert	Duncan	6:45 PM	8:45 PM	SOC27	2	Yes and...: Engaging the Public in Neuroscience Through Improv Theater Social	SOC27	renaissance " 999	Social Chair
83	Emaus	Katlynn	Sanderson, Various	8:00 AM	12:00 PM	PSTR334	19	Stroke Recovery: Non-Pharmacological Approaches to Therapy II	PSTR334.19	WCC Halls A-C	Evaluation of Mitochondrial Cardiolipin Modification in Neonatal Hypoxic Ischemic Encephalopathy
84	Giffin	Kate	Singer, Tronson, Various	1:00 PM	5:00 PM	PSTR391	8	Microglia-Neuron Interactions Health and Disease	PSTR391.08	WCC Halls A-C	Sepsis increases complement pathway expression in the mouse and human brain and is associated with increased microglial synaptic pruning in amyloid-burdened mouse brains
85	Giffin	Kate	Singer, Tronson, Various	6:45 PM	8:45 PM	SOC27	3	Yes and...: Engaging the Public in Neuroscience Through Improv Theater Social	SOC27	renaissance " 999	Social Co Chair
86	Hagenauer	Megan	Hagenauer	6:45 PM	8:45 PM	SOC26	2	The Confound Hour: Let™s Make Some Noise! Social	SOC26	issance " 999 9th	Social Chair
87	Havens	Steven	Wang, Wenjing	9:00 AM	9:15 AM	NANO60	6	Biochemical and Molecular Techniques	NANO60.05	WCC 152A	Development of a new version of SPOTIT for a permanent fluorescent read out of dopamine release with cellular-resolution
88	Hoang	Thanh	Hoang, Various	1:45 PM	2:00 PM	NANO64	5	Spinal Cord Injury, Neural Regeneration, and Repair	NANO64.04	WCC 140	Regeneration of neurons by reprogramming glial cells in adult mice
89	Hsieh	Meng-Lin	Yoon	8:00 AM	12:00 PM	PSTR350	7	BCI and Neural Prosthetics: Performance and Properties	PSTR350.07	WCC Halls A-C	Novel electrostatic-assisted assembly method for high alignment accuracy of modular flexible neural probes for recording channel count scaling
90	Joo	Pangyu	Lee	1:00 PM	5:00 PM	PSTR388	15	Oscillations in Cortical Networks	PSTR388.15	WCC Halls A-C	Brain network hypersensitivity underlies pain crises in sickle cell disease
91	KUMAR	VIVEK	Watson, Akil, Various	1:00 PM	5:00 PM	PSTR443	11	Light and Electron Microscopy	PSTR443.11	WCC Halls A-C	Assessment of multiplexed quantitative ability of in situ hybridization chain reaction based upon fluorescent intensity and mRNA grain count correlation

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92	Letner	Joseph	Cai, Various	1:00 PM	5:00 PM	PSTR415	8	BCI and Neural Prosthetics: Technology	PSTR415.08	WCC Halls A-C	Efficient, rapid, and minimally invasive implantation of individual non-functional motes with penetrating subcellular-diameter carbon fiber electrodes
93	Liu	Zhongming	Liu, Various	8:00 AM	12:00 PM	PSTR375	10	Circuit Tracing	PSTR375.10	WCC Halls A-C	Using Manganese Enhanced MRI to Trace and Assess Ascending Vagal Pathways
94	Madden	Lauren	Various	8:00 AM	12:00 PM	PSTR379	17	New Approaches to Neural Stimulation	PSTR379.17	WCC Halls A-C	Electrical stimulation-induced action potential interactions lead to variations in peripheral neural output: an in vivo study
95	Maras	Pamela	Hebda-Bauer, Watson, Akil	8:00 AM	12:00 PM	PSTR364	12	Animal Models of Mood disorders: Circuits and Behavior Paradigms	PSTR364.12	WCC Halls A-C	Early Life Stress Responses in Selectively Bred Rats: How Genetic Temperament Determines Development of the HPA Axis
96	Neff	Ryan	Ye, Murphy	1:00 PM	5:00 PM	PSTR382	2	Down Syndrome	PSTR382.02	WCC Halls A-C	Normalization of DSCAM in the Ts65Dn mouse model of Down Syndrome ameliorates dendritic phenotypes in the dentate gyrus of the hippocampus
97	Ramos	Brianna	Flagel, Kennedy	1:00 PM	5:00 PM	PSTR422	12	Ingestion and Energy Balance: Non-Peptidergic Regulators	PSTR422.12	WCC Halls A-C	High-resolution neurochemical characterization of the paraventricular nucleus of the thalamus
98	Sescil	Jennifer	Wang, Wenjing	8:00 AM	8:15 AM	NANO60	2	Biochemical and Molecular Techniques	NANO60.01	WCC 152A	Development of integrating reporters for detection of protein-protein interactions with enzymatic readout
99	Wang	Wenjing	Wang	8:00 AM	10:30 AM	NANO60	1	Biochemical and Molecular Techniques	NANO60	WCC 152A	Chair
100	Zhou	Guanwei	Wang, Ye, Various	10:00 AM	10:15 AM	NANO60	10	Biochemical and Molecular Techniques	NANO60.09	WCC 152A	Temporally-gated activity integrators in Drosophila
102	<b>Wednesday, November 15th</b>										
103	Choi	Hoi Kei (Amy)	Tronson	8:00 AM	12:00 PM	PSTR494	13	Consequences of Immune Activation	PSTR494.13	WCC Halls A-C	Covid-19-like immune challenge causes lasting memory deficits: role of neuroimmune priming
104	Fatima	Mahar	Duan, Various	1:15 PM	1:30 PM	NANO88	3	Somatosensory Mechanisms	NANO88.02	WCC 152A	Identification of Specialized Tactile Sensory Apparatus for Mechanical Itch
105	Fry	Blaine	Zochowski	1:00 PM	5:00 PM	PSTR577	4	Computational Modelling of Synaptic Networks	PSTR577.04	WCC Halls A-C	Cholinergic modulation of E/I balance and its effects on network dynamics
106	Gannot	Noam	Peng Li, Various	2:45 PM	3:00 PM	NANO88	9	Somatosensory Mechanisms	NANO88.08	WCC 152A	A neural control circuit for cough-like defensive behaviors in mice
107	Kirca	Deniz	Watson, Oganjanovski, Various	1:00 PM	5:00 PM	PSTR567	2	Hippocampal Circuits	PSTR567.02	WCC Halls A-C	The Circadian Dynamics of Neural Criticality in Mouse Hippocampus
108	Krolewski	David	Watson, Akil, Various	1:00 PM	5:00 PM	PSTR572	21	Schizophrenia Therapeutics: Animal and Human Studies	PSTR572.21	WCC Halls A-C	Cholecystokinin and vasoactive intestinal peptide mRNA differences in the frontal pole cortex of schizophrenia and bipolar disorder subjects
109	Lin	Jack	Stacey, Zochowski	8:00 AM	12:00 PM	PSTR459	4	Neural Excitability and Pathology in Humans	PSTR459.04	WCC Halls A-C	Big Data approaches to characterize pathological High Frequency Oscillations in human intracranial EEG
110	Nguyen	Quynh	Albin, Vesia, Various	8:00 AM	12:00 PM	PSTR487	3	Cortical Planning and Execution: Neuroimaging	PSTR487.03	WCC Halls A-C	Dynamic causal roles of lateral prefrontal cortex and primary motor cortex in the expression of novice and expert motor skills

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111	Noureddine	Zahraa	Zochowski	1:00 PM	5:00 PM	PSTR577	1	Computational Modelling of Synaptic Networks	PSTR577.01	WCC Halls A-C	Cholinergic regulation of network activation mediates switching between different memory formation/consolidation modes during wake, NREM and REM sleep.
112	Ognjanovski	Nicolette	Watson	1:00 PM	5:00 PM	PSTR567	1	Hippocampal Circuits	PSTR567.01	WCC Halls A-C	A robust excitatory network maintains network stability in the hippocampus across 24 hour cycles
113	Paulson	Henry	Paulson	1:00 PM	3:00 PM	NANO85	1	Alzheimer's Disease: Mechanisms, Biomarkers, and Risk Factors	NANO85	WCC 207A	Chair
114	Putansu	Aubrey	Wang, Wenjing	8:00 AM	12:00 PM	PSTR507	11	Biochemical and Molecular Probes for Neuronal Dynamics	PSTR507.11	WCC Halls A-C	Genetically encoded sensor for epinephrine and norepinephrine detection
115	Singer	Ryan	Wang, Wenjing, Various	8:00 AM	12:00 PM	PSTR507	12	Biochemical and Molecular Probes for Neuronal Dynamics	PSTR507.12	WCC Halls A-C	Designing sensors for &945;-melanocyte-stimulating hormone
116	Varela	Maria	--	8:45 AM	9:00 AM	NANO72	5	Pluripotent Stem Cells: Developmental Mechanisms and Disease Models	NANO72.04	WCC 150	Migratory deficits in GABAergic interneurons associated with SLC6A1-related neurodevelopmental disorder
117	Walker	Logan	Duan, Cai, Various	1:00 PM	5:00 PM	PSTR578	6	Software Tools: Anatomy and Morphology	PSTR578.06	WCC Halls A-C	Making neuron reconstruction more portable using video compression algorithms
118	Waselus	Maria	Watson, Akil, Various	8:00 AM	12:00 PM	PSTR506	16	Genomic and Transcriptomic Techniques	PSTR506.16	WCC Halls A-C	Spatial transcriptomics reveal basal differences in nucleus accumbens gene profiles associated with temperament: studies in a rat model of emotional reactivity