

	<u>First Author Last Name</u>	<u>First Author First Name</u>	<u>Author Type</u>	<u>Department</u>	<u>Lab/ Mentor Name</u>	<u>Category</u>	<u>Title of Abstract</u>
1	Clarke	Joseph-Patrick	Postdoctoral	Neurobiology	Donnelly	Neurology & Neurodegenerative Diseases	Inducing Stress Granule Formation Using Optogenetics
2	Copley	Katie	Presenting Author	Neurobiology	Donnelly	Neurology & Neurodegenerative Diseases	Disruption of nuclear import in C9ORF72 ALS
3	Gleixner	Amanda	Postdoctoral	Neurobiology	Donnelly	Neurology & Neurodegenerative Diseases	Cytoplasmic Nup62 seeds TDP43 aggregation
4	Mann	Jacob	Graduate	Neurobiology	Donnelly	Neurology & Neurodegenerative Diseases	RNA binding inhibits pathological TDP-43 aggregation
5	Pyles	Noah	Graduate	Neurobiology	Donnelly	Neurology & Neurodegenerative Diseases	A 2'-methoxyethyl stem-loop oligonucleotide targeting the RNA binding domains of TDP43 rescues cell viability in a photo-inducible model of TDP43 proteinopathy
6	Singh	Tanisha	Faculty	Neurological Surgery	Carlisle	Neurology & Neurodegenerative Diseases	Exploring Mitochondrial Dysfunctions in ALS using Human iPSCs derived Motor Neurons as a model
7	Huang	Yunhong	Postdoctoral	Neurobiology	Thathiah	Neurology & Neurodegenerative Diseases	Generation of knock-in mouse models with CRISPR/Cas9 genome editing: a method to study neurodegenerative diseases in vivo
8	Kofler	Julia	Faculty	Pathology	Kofler	Neurology & Neurodegenerative Diseases	Association of Alzheimer's disease genetic risk variants with pathology endophenotypes
9	Kunkhyen	Tenzin	Presenting Author	Neurobiology	Cheetham	Neurology & Neurodegenerative Diseases	Degeneration and Regeneration of Neural Circuits in the Mouse Olfactory Bulb
10	Todd	Nicholas	Graduate	Neurobiology	Thathiah	Neurology & Neurodegenerative Diseases	G protein-coupled receptor kinases modulate γ -secretase function in Alzheimer's disease
11	Elkins	Chanya	Faculty	Neurological Surgery	Friedlander	Neurology & Neurodegenerative Diseases	Sub-cellular Localization of Melatonin Receptor 1
12	Bucher	Meghan	Graduate	Neuroscience	Hastings	Neurology & Neurodegenerative Diseases	Neurodegeneration induced by dysregulation of dopamine sequestration is rescued by restoration of vesicular packaging
13	Huang	Xiaojie	Postdoctoral	Neuroscience	Schlüter	Neurology & Neurodegenerative Diseases	An opposing function of paralogs in balancing developmental silent synapse maturation

	<u>First Author Last Name</u>	<u>First Author First Name</u>	<u>Author Type</u>	<u>Department</u>	<u>Lab/ Mentor Name</u>	<u>Category</u>	<u>Title of Abstract</u>
14	Ojala	Kristine	Presenting Author	Center for Neuroscience	Meriney	Neurology & Neurodegenerative Diseases	A novel therapeutic approach to treat the neuromuscular weakness caused by Spinal Muscular Atrophy
15	Modo	Michel	Postdoctoral	Radiology	Modo	Neurology & Neurodegenerative Diseases	Sub-additive effects of cell and physical therapy in a rodent model of stroke
16	Moorhead	Jeffrey	Postdoctoral	Radiology	Modo	Neurology & Neurodegenerative Diseases	Sub-additive effects of cell and physical therapy in a rodent model of stroke
17	Ruff	Catherine	Graduate	CNUP	Ross	Neurology & Neurodegenerative Diseases	The contribution of NK1R interneurons in cerebral blood flow
18	Anderson	Eric	Postdoctoral	Pediatrics	Pandey	TBI, Concussion	Traumatic Injury Induces Stress Granule Formation and Exaggerates Motor Dysfunction in ALS Models
19	Bitzer	Hannah	Graduate	Orthopaedic Surgery	Kontos	TBI, Concussion	Utility of Brief Symptom Inventory-18 (BSI-18) subset scores as a Predictor of Vestibular Impairment in Collegiate Athletes following Concussion
20	Blaney	Nicholas	Presenting Author	Orthopaedic Surgery	Kontos	TBI, Concussion	Adolescent Post-Concussion Sleep Disturbances and its Relationship with Concussion Assessment Outcomes
21	Carlson	Shaun	Faculty	Neurological Surgery	Dixon	TBI, Concussion	Lithium improves striatal dopamine neurotransmission and synaptic dopaminergic protein abundance following traumatic brain injury
22	Leonard	Bianca	Graduate	Ophthalmology	Rossi	TBI, Concussion	Fixational eye movements (FEMs) following concussion.
23	Loeser	Josefine	Postdoctoral	Orthopedic Surgery	Kontos	TBI, Concussion	Preliminary examination of concussion in older adults
24	Sinnott	Aaron		Sports Medicine and Nutrition, Orthopaedic	Kontos	TBI, Concussion	Vestibular-Ocular Symptoms and Impairment among Collegiate Athletes within 3 days of Sport-related Concussion
25	Clark	Alexander	Graduate	Neurology, Psychiatry	Ikonomovic	Neuroprotection & Treatment	The Implications of Cerebral Vascular Amyloidosis on Blood Brain Barrier Integrity
26	Edwards	Brian	Postdoctoral	Neurobiology	Davis	Neuroprotection & Treatment	Immune checkpoint protein PDL1 is expressed in sensory and sympathetic neurons and is regulated by inflammatory growth factors and in a model of pancreatic cancer.

	<u>First Author Last Name</u>	<u>First Author First Name</u>	<u>Author Type</u>	<u>Department</u>	<u>Lab/ Mentor Name</u>	<u>Category</u>	<u>Title of Abstract</u>
27	Fortunato	Ronald	Graduate	Mechanical Engineering, Bioengineering		Neuroprotection & Treatment	Computational modeling of arterial wall tissue to quantify uniaxial tissue failure properties
28	Jauhari	Abhishek	Postdoctoral	Neurological Surgery		Neuroprotection & Treatment	Melatonin regulates neurodegeneration by inhibiting immune response in differentiated neurons
29	Justice	Jason	Postdoctoral	Neurobiology	Aizenman	Neuroprotection & Treatment	Molecular neuroprotection induced by zinc-dependent expression of hepatitis C-derived protein NS5A targeting Kv2.1 potassium channels
30	Schulien	Anthony	Graduate	Neurobiology; Pittsburgh Institute for	Aizenman	Neuroprotection & Treatment	Disruption of Kv2.1 somatodendritic clusters with a cell-permeant peptide based on the Proximal Restriction and Clustering domain of Kv2 channels is neuroprotective following acute Middle Cerebral Artery
31	Yeh	Chung-Yang	Graduate	Neurobiology	Aizenman	Neuroprotection & Treatment	Neuroprotection by small molecule inhibition of Kv2.1/syntaxin interaction
32	Baranger	David	Postdoctoral	Psychiatry	Forbes	Psychiatry: Addiction	Convergent evidence for predispositional effects of brain volume on alcohol consumption
33	Becker-Krail	Darius	Graduate	Psychiatry	McClung	Psychiatry: Addiction	Astrocyte molecular clock function in the nucleus accumbens is important for reward-related behavior
34	Bender	Brooke	Graduate	Psychiatry	Torregrossa	Psychiatry: Addiction	Cue extinction after cocaine self-administration is more effective in rats exhibiting goal-directed behavior than habitual behavior
35	DePoy	Lauren	Postdoctoral	Psychiatry	McClung	Psychiatry: Addiction	Circadian- and sex-dependent increases in intravenous cocaine self-administration in Npas2 mutant mice
36	Kim	Sam-Moon	Postdoctoral	Psychiatry	McClung	Psychiatry: Addiction	Strain Differences of Molecular Circadian Rhythms in Primary Fibroblasts
37	Stringfield	Sierra	Postdoctoral	Psychiatry	Torregrossa	Psychiatry: Addiction	Working memory training reduces drug-seeking in abstinence for the cannabinoid WIN 55212-2
38	Camacho	M. Catalina	Graduate	Center for Neuroscience; Psychiatry	Perlman	Psychiatry: Emotion and Affective Disorders	Neural Architecture Supporting Active Emotion Processing in Children: A Multivariate Approach
39	Nance	Melissa	Graduate	Psychiatry	Forbes	Psychiatry: Emotion and Affective Disorders	Subjective Anhedonia: Examining Coherence across Measures and Association with Neural Response to Reward

	<u>First Author Last Name</u>	<u>First Author First Name</u>	<u>Author Type</u>	<u>Department</u>	<u>Lab/ Mentor Name</u>	<u>Category</u>	<u>Title of Abstract</u>
40	Ravindranath	Orma	Graduate	Psychology	Luna	Psychiatry: Emotion and Affective Disorders	Effects of Emotional Context on Cognitive Control from Adolescence Through Adulthood
41	Sullivan	Kevin	Postdoctoral	Epidemiology	Ganguli	Psychiatry: Emotion and Affective Disorders	Depressive Symptoms on the Decline in Older Adults: Birth Cohort Analyses from the MoVIES and MYHAT Studies
42	Burns	Jennifer	Graduate	Psychiatry	McClung	Psychiatry: Circadian	Clock Δ 19 mutation leads to increased oxidative damage to parvalbumin interneurons and impairs perineuronal net development
43	Codario	Cristina	Graduate	Behavioral and Community Health Sciences,	Cameron	Psychiatry: Circadian	Are Adverse Childhood Experiences and Poor Sleep Associated with Lower Cognitive Achievement and Poorer Social-Emotion Skills in Urban Low-Income Preschool Children?
44	Corbit	Victoria	Graduate	Neurobiology	Ahmari, Gittis	Psychiatry: OCD	Increased supplementary motor inputs to central striatum play a role in compulsive behavior
45	Kopelman	Jared	Graduate	Psychiatry	Ahmari	Psychiatry: OCD	-Investigating the effects of EAAT3 overexpression on OCD-relevant behaviors in mice
46	LaPalombara	Zoe	Graduate	Psychiatry	Ahmari	Psychiatry: OCD	Fear processing in the SAPAP3 knockout mouse model of OCD
47	Li	Xiaojun	Graduate	Psychiatry	Ahmari	Psychiatry: OCD	Using in vivo calcium imaging to assess the role of lateral orbitofrontal cortex in compulsive behaviors in OCD-relevant mouse model
48	Manning	Elizabeth	Postdoctoral	Psychiatry	Ahmari	Psychiatry: OCD	Using in vivo calcium imaging to study prefrontal cortex contributions to OCD-relevant behavioral dysfunction in the Sapap3 knockout mouse model
49	DeGiosio	Rebecca	Graduate	Psychiatry	Sweet	Psychiatry: Schizophrenia	MAP2 Immunoreactivity Deficit is Conserved Across the Rostro-Caudal Axis of Cerebral Cortex in Schizophrenia
50	Ketchesin	Kyle	Postdoctoral	Psychiatry	McClung	Psychiatry: Schizophrenia	Molecular rhythms in the human prefrontal cortex in subjects with schizophrenia
51	Rannals	Matthew	Postdoctoral	Neurobiology	Urban	Psychiatry: Schizophrenia	Targeted translome profiling using in utero gene transfer identifies ion channel pathophysiology in a brain development model of transcription factor 4 (TCF4) function