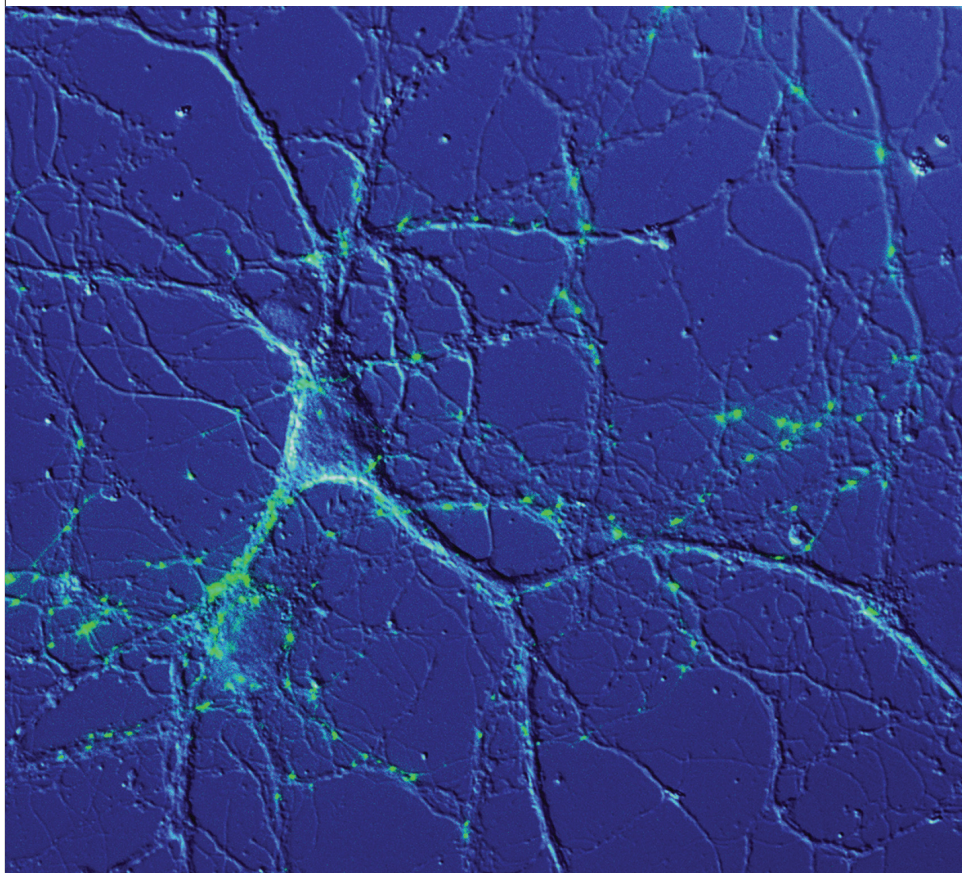




Diversity Fellows Poster Session Program

Saturday, November 3, 6:30–8:30 p.m.
San Diego Convention Center Hall A



SOCIETY *for*
NEUROSCIENCE

Welcome to the annual SfN Diversity Fellows Poster Session

Welcome to the annual SfN Diversity Fellows Poster Session. This session is hosted annually to celebrate the career development of underrepresented groups in neuroscience, whose participation in the field is critical to solving problems in biomedical research.

The trainees presenting their research in this session represent a bright future for neuroscience, and in today's environment for scientific funding, professional organizations play a critical role in ensuring the continued career development of these trainees by providing opportunities for networking, mentoring, professional development, and research.

Trainees showcasing their science today have received support from the following programs:

- **Neuroscience Scholars Program (NSP):** Supported by the National Institute of Neurological Disorders and Stroke (NINDS)
- **Enhancing Neuroscience Diversity through Undergraduate Research Education Experiences (ENDURE):** Supported by the NIH Blueprint for Neuroscience Research
- **Specialized Neuroscience Research Program (SNRP):** Supported by the National Institute of Neurological Disorders and Stroke (NINDS)

SfN gratefully acknowledges the financial support provided by NIH. Posters are organized by the following themes:

- A: Development
- B: Neural Excitability, Synapses, and Glia
- C: Neurodegenerative Disorders and Injury
- D: Sensory Systems
- E: Motor Systems
- F: Integrative Physiology and Behavior
- G: Motivation and Emotion
- H: Cognition
- I: Techniques

A: Development

Sarangelica Alamo-Ortiz (D-1)

Enteric Neural Regulation of Glucose Transport in Pigs Exposed to Early Life Adversity

University of Puerto Rico-Humacao
[ENDURE — Michigan State University](#)

Camila Barrios-Camacho (D-2)

Sculpting neural stem cell identity with the ubiquitin-proteasome system

Tufts University
[NSP](#)

Ruben Garcia-Reyes (D-3)

Identification and characterization of the DMBT1 gene in the sea cucumber *Holothuria glaberrima*

Metropolitan University
[ENDURE — University of Puerto Rico](#)

Ami Haas (D-4)

Examining Potential Enhancer Regions for Known Cell Fate Specification Genes in the Murine Retina

University of Colorado, Denver
[ENDURE — Colorado](#)

Fabria Jno.Baptiste (D-5)

Characterization of human muscle stem cell physiology on 3D printed biocompatible scaffolds

University of Maryland, Baltimore County
[ENDURE — WashU](#)

Monica Lannom (D-6)

FMRP and RISC-associated RNA helicase MOV10: A novel neuronal helicase required for normal dendrite formation and spine maturation

University of Illinois Urbana Champaign
[NSP](#)

Ronnie Li (D-7)

Identification and annotation of a duplicated gene in an individual with autism and seizure disorder

Emory University
[NSP](#)

Jennifer Libby (D-8)

Alterations in the sound localization pathway in Fragile X Syndrome

University of Colorado, Denver
[ENDURE — Colorado](#)

Hiruy Meharena (D-9)

Dysfunctional interplay between the transcriptome and epigenome in Down syndrome

Massachusetts Institute of Technology
[NSP](#)

Nadine Michel (D-10)

The Neurodevelopmental Consequences of Genomic Stress

University of Virginia
[NSP](#)

Bruce Ramphal (D-11)

Relations Between Socioeconomic Status, Brain Connectivity at Birth, and Externalizing Symptoms at Age 2

Brown University
[ENDURE — WashU](#)

Ricardo Raudales (D-12)

Development and transcriptional regulation of early- and late-born subpopulations of parvalbumin interneurons

Stony Brook University
[NSP](#)

Nicole Rivera-Caquias (D-13)

Depicting Behavior Analysts' Parent Training Practices for Children With Autism

Pontifical Catholic University, Puerto Rico
[ENDURE — Michigan State University](#)

Patrese Robinson-Drummer (D-14)

Developmental regulation of threat, dopamine and VTA-amygdala connectivity

New York University Medical Center
[NSP](#)

Carlos Rodriguez (D-15)

Exploring fMRI-Based Functional Network Connectivity to Develop Novel Approaches for the Diagnosis of Fetal Alcohol Spectrum Disorder

University of Texas at El Paso
[NSP](#)

Jordy Sepulveda (D-16)

Effective Depletion of Postnatal Microglia by Cre-mediated expression of Diphtheria Toxing Fragment A

Hunter College/NYU
[ENDURE — Hunter College/NYU](#)

Angel Sirfa-Lopez (D-17)

Characterization of radial nerve cord in vitro explants of sea cucumber *Holothuria glaberrima*

Polytechnic University of Puerto Rico
[ENDURE — University of Puerto Rico](#)

Cynthia Tapia (D-18)

Acute and early-life exposure effects of the pyrethroid insecticide deltamethrin on medium spiny neurons of the nucleus accumbens

University of Texas Medical Branch
[NSP](#)

Fabienne Tarvenier (D-19)

Bold Neural Response to Asynchronous and Synchronous Audiovisual Speech in Individuals with Autism Spectrum Disorder.

Hunter College/NYU
[ENDURE — Hunter College/NYU](#)

Brandon Titus (D-20)

Understanding the role of RNA Binding Proteins in Neuronal Cell Morphology

University of Colorado, Colorado Springs
[ENDURE — Colorado](#)

Daniel Tobiansky (D-21)

Perinatal sucrose exposure in rats disrupts hormones, brain, and behavior in adulthood.

The University of British Columbia
[NSP](#)

Samanda Valente-Soto (D-22)

Studying the role of Topoisomerase II Beta mutation in neurodevelopmental disease.

Carnegie Mellon University
[ENDURE — WashU](#)

B: Neural Excitability, Synapses, and Glia

David Battle (D-23)

Cell Surface Expression of Wildtype and Mutant KCC3

Tennessee State University
[ENDURE — Tennessee State University](#)

Austin Coley (D-24)

PSD-95 deficiency disrupts mPFC function and connectivity leading to sociability and cognitive deficits

Drexel University
[NSP](#)

Brionna Davis-Reyes (D-25)

Role of Medial Prefrontal Cortex NMDA Receptors in Inherent Impulsivity.

University of Texas Medical Branch, Galveston
[NSP](#)

Norelis Diaz-Rodriguez (D-26)

Chronic sleep deprivation in *Drosophila melanogaster* reduces Disc large concentration

University of Puerto Rico, Rio Piedras

[ENDURE](#) — [University of Puerto Rico](#)

Kamyra Edokpolor (D-27)

Faster Emergence and Recovery from Sevoflurane Anesthesia in Mice lacking the alpha-4 Subunit of the GABA(A) Receptor

Emory University

[NSP](#)

Antoinette Foster (D-28)

Oligodendrocyte specific transcriptional profiling: from candidate genes to in-vivo functional assays

Oregon Health & Science University

[NSP](#)

Marcelo Francia-Hinostroza (D-29)

Mechanisms of neuronal excitation and inhibition balance disruption in a mouse model for autism

University of Puerto Rico, Rio Piedras

[ENDURE](#) — [University of Puerto Rico](#)

Tavita Garrett (D-30)

Information processing by ON and OFF unipolar brush cell subtypes of the vestibular cerebellum

Oregon Health & Science University

[NSP](#)

Emily Kelly-Castro (D-31)

The role of MARK1 in synaptic plasticity and cognitive functions

Rutgers University

[NSP](#)

Aurelia Mapps (D-32)

Functional and Genetic Analyses of Satellite Glia

Johns Hopkins University

[NSP](#)

Carlos Martinez-Navarro (D-33)

Recurrent excitation in the subiculum of the hippocampus

University of Puerto Rico, Rio Piedras

[ENDURE](#) — [University of Puerto Rico](#)

Kylie McPherson (D-34)

Diverse cell types within the vIPAG exhibit unique adaptations to membrane firing properties after inflammation

Oregon Health & Science University

[NSP](#)

Monique Mendes (D-35)

Imaging microglial birth and maturation in the adult brain

University of Rochester Medical Center

[NSP](#)

Denye Mickens (D-36)

Intracellular Fibroblast Growth Factors and the Modulation of Cardiac Kv Channels

Washington University in St. Louis

[ENDURE](#) – [WashU](#)

Jennifer Patritti Cram (D-37)

Assessing the impact of P2RY14 on Neurofibromatosis Type 1

University of Cincinnati Cincinnati

Children's Hospital

[NSP](#)

Larry Rodriguez (D-38)

Subunit-dependent cross-talk between P2X4 and NMDA receptors

University of Southern California

[NSP](#)

Lionel Rodriguez (D-39)

Brain-derived neurotrophic factor and tropomyosin receptor kinase B expression patterns in Ventral Tegmental Area cell-types

Johns Hopkins School of Medicine
NSP

Maureen Sampson (D-40)

A novel serotonergic microcircuit in the *Drosophila* visual system

University of California, Los Angeles
NSP

Kathryn Sanchez (D-41)

Microglial derived Matrix metalloproteinases (MMPs) in synuclein mediated neuroinflammation

Georgetown University
NSP

Krystal Santiago-Colón (D-42)

Effects of Methylmercury on Excitatory Amino Acid Transporters Expression in Cerebellar and Cortical Astrocytes and NSC-34 Cells

University of Puerto Rico-Cayey
ENDURE — Michigan State University

David Tyus (D-43)

Behavioral and Anatomical Effects of Complement Cascade Inhibitor CSMD1: Implications for Schizophrenia Risk

Washington University in St. Louis
ENDURE — WashU

Samani Upadhyay (D-44)

Excitatory Synaptic Refinement throughout Development of Fragile X Mice

Brown University
ENDURE — WashU

Tanya Victor (D-45)

The effect of cannabidiol on microglial function and receptor expression in an epilepsy mouse model

Stony Brook University
NSP

Darryl Watkins (D-46)

Cell-specific spinophilin function following psychostimulant-induced behavioral sensitization regimens

Indiana University School of Medicine
NSP

C: Neurodegenerative Disorders and Injury

Andrea Aldaz (D-47)

Role of Internal Calcium Pool During Methylmercury-Induced Cell Death in the C57BL6J Mouse

St. Mary's University
ENDURE — Michigan State University

Sheryl Arambula (D-48)

Impact of neonatal hypoxia-ischemia on cerebellum development

University of Maryland, School of Medicine
NSP

Autumn Brunson (D-49)

The Role of the Unfolded Protein Response in Remyelination

Tennessee State University
ENDURE — Tennessee State University

Nicole Camacho-Fontanez (D-50)

Neuroprotective Effect of N-acetylcysteine on the Mouse Motor-Neuron Like Cell in Methylmercury Induced Toxicity

Universidad del Turabo
ENDURE — Michigan State University

Yisel Cantres (D-51)

A combination of free and exosomal cathepsin B released from HIV-infected macrophages trigger multiple mechanisms of neuronal dysfunction

University of Puerto Rico, Medical

Sciences Campus

[NSP](#)

Marangelie Criado-Marrero (D-52)

High FKBP52 levels causes tau aggregation leading to hippocampal-dependent memory impairments

University of South Florida

[NSP](#)

Rodrigo Dela Torre (D-53)

Characterizing ALS pathology through *C. elegans* knock-in models

New York University

[ENDURE — Hunter College/NYU](#)

Francheska Delgado-Peraza (D-54)

A novel mechanism of neurotoxicity in Alzheimer's disease: astrocyte-derived extracellular vesicles

National Institute on Drug Abuse

[NSP](#)

Joseph Fernandez (D-55)

Mechanisms of Secondary Injury and Auditory Deficits Following Mild Blast Induced Trauma

Purdue University

[NSP](#)

Stephanie Garcia (D-56)

Short chain fatty acid drug sodium butyrate delays Parkinson's disease progression in transgenic mice comparable to sodium phenylbutyrate treatment outcomes

University of Colorado Anschutz

Medical Campus

[NSP](#)

Kimberly Hayes (D-57)

Defining the effect of variants of unknown pathogenic significance in APP, PSEN1 and PSEN2 on Ab isoform levels to determine their role in Alzheimer Disease

Missouri Baptist University

[ENDURE — WashU](#)

Eli Johnson (D-58)

Characterization of Glioblastoma-Associated Microglia and Macrophages

Stanford University School of Medicine

[NSP](#)

Michael Kanan (D-59)

The Role of Circadian Disruption in the Pathogenesis of Parkinson's Disease

Saint Louis University

[ENDURE — WashU](#)

Karly Miller (D-60)

Effects of phospho-Tau Mutations on Neuron Survival After Oxidative Stress Treatment

New Mexico State University

[ENDURE — Colorado](#)

Sharon Owino (D-61)

Increased Infarct Volume and Altered Repair in Mice Lacking the Brain-Expressed Orphan G Protein-Coupled Receptor GPR37

Emory University

[NSP](#)

Stephanie Pistorius (D-62)

Ubiquitin-2 regulation of alpha-synuclein

University of Michigan

[NSP](#)

Yamilka Rios-Guadalupe (D-63)

Changes in the Serotonergic Fiber Density in the Somatosensory Cortex Across Reproductive States in Female Rats

University of Puerto Rico-Humacao

[ENDURE — Michigan State University](#)

Nicole Rivera-Lopez (D-64)

Role of Internal Calcium Pool During Acute Methylmercury-mediated Increase in Internal Calcium Concentration in the C57BL6J Mouse Spinal Cord Slices

Syracuse University, NY.

[ENDURE — Michigan State University](#)

Angel Santiago-Lopez (D-65)

In vitro characterization of the unfolded protein response as a mechanism of neurodegeneration

Georgia Institute of Technology

[NSP](#)

Malaney Young (D-66)

Developing novel FRET-based biosensors that monitor α -synuclein assembly for use in high-throughput screening

University of Minnesota

[NSP](#)

D: Sensory Systems

Selina Baeza Loya (D-67)

Impact of NaV Conductances on Vestibular Ganglion Neuron Firing Patterns

University of Chicago

[NSP](#)

Simone Compton (D-68)

The effect of clock regulation on rhodopsin trafficking and dual membrane assembly in mouse rod photoreceptors

Tennessee State University

[ENDURE — Tennessee State University](#)

Joseph Del Rosario (D-69)

Impaired sensory perception and altered cortical population activity in a mouse model of autism

Georgia Tech and Emory University

[NSP](#)

Phil Duran (D-70)

Olfactory Receptor Mediated Repellency of Linalool, Geranyl acetate, and EBF in Two *Drosophila* Species

Northern New Mexico College

[ENDURE — Michigan State University](#)

Aziz Elbasheir (D-71)

The thalamic input into soma of Parvalbumin (PV) neurons in layer 4C Macaque.

Hunter College/NYU

[ENDURE — Hunter College/NYU](#)

Santiago Martinez Gonzalez (D-72)

Sex differences in visceral hypersensitivity in the Dextran Sodium Sulfate model of colitis in mice

National Institutes of Health, NCCIH

[NSP](#)

Bianca Mason (D-73)

Vascular contributions of CGRP-induced migraine-like behavior

University of Iowa

[NSP](#)

Sacha McElligott (D-74)

The role of saccadic eye movements in visual perception

New York University

[ENDURE — Hunter College/NYU](#)

Lauraine Mediavillo (D-75)

Partial Loss of CaMKII delays the ability of mice to learn to discriminate odors in a focused go-on-go olfactory discrimination task

New Mexico State University

[ENDURE — Colorado](#)

Kevin Nieves-Santos (D-76)

Localization of glutamate-like immunoreactivity in the nervous system of *Biomphalaria glabrata*: an intermediate host for schistosomiasis

University of the Sacred Heart

[ENDURE — University of Puerto Rico](#)

Taylor Reid (D-77)

Meta-analysis of Neuroimaging Literature to Understand Speech Processing

Washington University in St. Louis

[ENDURE — WashU](#)

Felicia Rodriguez (D-78)

Direct Structural Comparison of Type II and Type III Taste Cells from Mouse Taste Buds

New Mexico State University

[ENDURE — Colorado](#)

Ubadah Sabbagh (D-79)

Distribution and development of molecularly distinct perineuronal nets in visual thalamus

Virginia Tech

[NSP](#)

E: Motor Systems

Jorge Iravedra-García (D-80)

Direct and indirect pathways in the dorsomedial and ventral striatum distinctly regulate memory-guided motor outputs

University of Puerto Rico, Rio Piedras

[ENDURE — University of Puerto Rico](#)

Luis Ruiz (D-81)

Advancing Prosthetic Technology: Comparing the Sensory Capabilities of Macrosieve Electrodes & Extraneural Cuff Electrodes

Washington University in St. Louis

[ENDURE — WashU](#)

F: Integrative Physiology and Behavior

Melina Acosta (D-82)

The selective dopamine β -hydroxylase inhibitor Npecicatat inhibits pup-directed behavior in virgin male California mice

University of California, Riverside

[NSP](#)

Amanda Anqueira-Gonzalez (D-83)

Effect of synaptic gene BRP in alcohol related sleep behaviors

University of Puerto Rico, Rio Piedras

[ENDURE — University of Puerto Rico](#)

Alicia Avelar (D-84)

Green apple tobacco flavorant farnesol enhances nicotine reward-related behavior

Marshall University

[NSP](#)

Estephania Balbuena (D-85)

Cortisol and amygdala activation during an fMRI facial expressions task.

Hunter College/NYU

[ENDURE — Hunter College/NYU](#)

Kia Barclay (D-86)

Characterizing Withdrawal in Mouse Models of Opioid Use

Wellesley College

[ENDURE — WashU](#)

Shawn Bates (D-87)

Exploring the effects of corticotropin-releasing factor in locus coeruleus on cortical network activity

Children's Hospital of Philadelphia

[NSP](#)

Corey Calhoun (D-88)

On the role of trait-anxiety in contributing to adolescent neuroplasticity in amphetamine-induced locomotor sensitization

University of Massachusetts, Boston

[NSP](#)

Reginald Cannady (D-89)

Exploring the role of KV3 potassium channels and interneurons in alcohol addiction

Medical University of South Carolina

[NSP](#)

Sneha Chaturvedi (D-90)

Males differ from females in circadian glucocorticoid release, but not hypothalamic clock gene expression

Washington University in St. Louis

[ENDURE — WashU](#)

Mariana Cortes (D-91)

Anxiety-like behavior in adolescent mice is enhanced by selective knockdown of GAD67 in neuropeptide Y interneurons

University of Alabama at Birmingham

[NSP](#)

Camille Domenech-Barreto (D-92)

The Role of the Ventral Tegmental Area in Energy Balance

University of Puerto Rico-Aguadilla

[ENDURE — Michigan State University](#)

Monica Gaudier-Diaz (D-93)

Effects of propranolol on cortisol, alpha-amylase, and circulating interleukin-6 following a social stress task

University of North Carolina, Chapel Hill

[NSP](#)

Belinda Mahama (D-94)

Adenosine and recovery sleep

Brown University

[NSP](#)

Joanna Medina (D-95)

Chronic variable stress and nursing demand interact to alter depression-like behavior and hippocampal neurogenesis in postpartum rats

University at Albany

[NSP](#)

Natasha Mendez-Albelo (D-96)

The Relationship Between the Motivational Drives of Food-Seeking and Social Interaction in Adolescent Female and Male Rats

Universidad Metropolitana-Puerto Rico

[ENDURE — Michigan State University](#)

Itzik Nahdmoud (D-97)

Decision Making under Stress & Uncertainty: Behavior and Physiology Correlates

Hunter College/NYU

[ENDURE — Hunter College/NYU](#)

Natalie Nevarez (D-98)

Sleeping it off: sleep disturbance after chronic, voluntary ethanol consumption

Stanford University

[NSP](#)

Adriana Padilla-Roger (D-99)

Uncovering a subset of hypothalamic neurons that regulate female energy expenditure

University of Puerto Rico, Rio Piedras

[ENDURE — University of Puerto Rico](#)

Danielle Porter (D-100)

Kisspeptin, neurokinin B, and dynorphin mRNA regulation by ovarian steroids in the arcuate nucleus of the ewe: simultaneous analysis of all three KNDy mRNAs in individual neurons

University of Mississippi Medical Center

NSP

Raul Ramos (D-101)

The Role of Homeostatic Plasticity in Associative Learning & Memory

Brandeis University

NSP

Leonardo Ramos-Rodriguez (D-102)

Role of Tip/60Dmel gene as a significant player in alcohol tolerance

University of Puerto Rico, Rio Piedras

ENDURE — [University of Puerto Rico](#)

Jean K. Rivera Irizarry (D-103)

Estrus stage modulates stress reactivity and alcohol drinking in female mice

Weill Cornell Medical College

NSP

Emmanuel J. Rivera-Rodriguez (D-104)

Unraveling miR-190 and its role in sleep

Brandeis University

NSP

Lilliana Sanchez (D-105)

The effect of moderate prenatal alcohol exposure on object discrimination by adult rats

The University of New Mexico

NSP

Alec Seidenberg (D-106)

The effects of early life stress on development of circuitry underlying reward processing and depression

Hunter College/NYU

ENDURE — [Hunter College/NYU](#)

Eduardo Villegas (D-107)

Travel in collegiate varsity student-athletes: Relationship to mood across seasons and the factors that influence this relationship

University of Colorado Boulder

NSP

Shakeera Walker (D-108)

Effects of Sex and Paternal Deprivation on Behavior, Neuroinflammation and Stress Reactivity in Adult California Mice

University of Maryland

NSP

Cory White (D-109)

Brain-specific loss of long-chain fatty acid oxidation

Johns Hopkins School of Medicine

NSP

G: Motivation and Emotion

Kenneth Amaya (D-110)

Effect of inactivating nigrostriatal projections on sensitivity to outcome devaluation during sign-tracking behavior

Dartmouth College

NSP

Emily Black (D-111)

Susceptibility and resilience to predator odor stress differs between male and female rats

Drexel University College of Medicine

NSP

Christian Bravo-Rivera (D-112)

Genetically-distinct ventral pallidal neurons drive the motivation for reward approach and punishment avoidance through projections to the lateral habenula

Cold Spring Harbor Laboratory

NSP

Vivian Chioma (D-113)

Cellular Specificity of Matrix Metalloproteinase
Activation on Accumbens Medium Spiny Neurons
During Heroin Relapse

Medical University of South Carolina

[NSP](#)

Abraham Escobedo (D-114)

Effects on fear versus safety discrimination by the
partial NMDAR agonist D-Cycloserine

Purdue University

[NSP](#)

Ryan Farero (D-115)

Phasic dopamine release within the nucleus
accumbens core differentially mediates drug-taking
and drug-seeking

University of Washington

[NSP](#)

Stephanie Foster (D-116)

Effect of noradrenergic-derived galanin on opioid
addiction-related behaviors in mice

Emory University

[NSP](#)

Daniela Franco (D-117)

The effects of early-life ketamine administration on
the rewarding effects of alcohol in male and female
adolescent sprague dawley rats

California State University, Long Beach

[NSP](#)

Katherine Furman (D-118)

in-vivo optical recording of BLA inhibitory interneuron
activity during stress-related behaviors.

New York University

[ENDURE — Hunter College/NYU](#)

Nicole Hernandez (D-119)

Chemogenetic activation of hindbrain projections
to the lateral dorsal tegmental nucleus attenuates
cocaine-seeking behavior

University of Pennsylvania

[NSP](#)

Sarah Hunter (D-120)

Activation of excitatory ventral tegmental area
projections to the locus coeruleus in negative
affective behaviors

Emory University

[ENDURE — WashU](#)

Barbara Juarez (D-121)

Genetic dissection of the role potassium channels
of midbrain dopamine neurons play in physiology
and behavior

University of Washington

[NSP](#)

Rufina Kamaletdinova (D-122)

Negative affect of cocaine-induced conditioned
place preference in mice in forced abstinence from
chronic alcohol exposure.

Hunter College/NYU

[ENDURE — Hunter College/NYU](#)

Elyse Lang (D-123)

The behavioral state of infants interacting with a
robot in a contingent learning paradigm

Tennessee State University

[ENDURE — Tennessee State University](#)

Sofia Lopez (D-124)

Elucidating the interaction between glucocorticoids
and dopamine in an animal model of individual
variation in cue-motivated behaviors

University of Michigan

[NSP](#)

Cristina Maria Rios (D-125)

Are cues pursued for their own sake, or because they lead to rewards?

University of Michigan, Ann Arbor

NSP

Jennifer Martin (D-126)

The actin-binding protein drebrin mediates opiate-induced behavioral and structural plasticity in the NAc

SUNY at Buffalo

NSP

Ariel Nieves (D-127)

N-Methyl-D-Aspartate receptor dependent consequences of high fat diet on depressive-like behavior.

Hunter College/NYU

ENDURE — [Hunter College/NYU](#)

David Ojeda-Martinez (D-128)

Price variance and signaling in consumer goods

University of Puerto Rico, Rio Piedras

ENDURE — [University of Puerto Rico](#)

Rafael Perez (D-129)

Alpha2a-adrenergic hetero-receptors are necessary for stress and agonist regulation of BNST activity and stress-induced reinstatement of cocaine-associated behaviors

Vanderbilt University

NSP

Maia Pujara (D-130)

Social valuation requires interaction of prefrontal cortex and amygdala in rhesus macaques

National Institutes of Health

NSP

Jennifer Quinde (D-131)

Comparison of automated and manual systems for coding pain-related facial expressions

Vanderbilt University

NSP

Marcos Sanchez-Navarro (D-132)

Basolateral amygdala projections to the nucleus accumbens modulate food seeking motivation under conditions of food deprivation

Metropolitan University

ENDURE — [University of Puerto Rico](#)

Destinee Semidey (D-133)

Glycome of the emotional processing centers within brain differ between animal model phenotypes

Hunter College/NYU

ENDURE — [Hunter College/NYU](#)

Ciearra Smith (D-134)

Do $\alpha 3$ -containing nicotinic acetylcholine receptors (nAChRs) modulate anxiety behavior?

University of Massachusetts Medical School

NSP

Jayne Temple (D-135)

Delineating the hippocampal circuitry underlying pair bonding in prairie voles

University of Colorado, Boulder

NSP

H: Cognition

Sikoya Ashburn (D-136)

An fMRI study of the cerebellum during reading in children and adults

Georgetown University

NSP

Shantee Ayala-Rosario (D-137)

Managing threat-reward conflict: strategies of conflict-based decision making

Interamerican University at Bayamon

ENDURE — University of Puerto Rico

Christian Cazares (D-138)

Orbital cortex activity encoding of associative information underlying goal-directed actions.

University of California, San Diego

NSP

Leland Fleming (D-139)

Visual network modularity in patients with central vision loss

University of Alabama at Birmingham

NSP

Sol Fonseca-Montes (D-140)

Children's understanding of moral reasons

University of Puerto Rico, Rio Piedras

ENDURE — University of Puerto Rico

Caesar Hernandez (D-141)

Aged rats do not use basolateral amygdala during outcome evaluation in an intertemporal choice task

University of Florida

NSP

Emily Hokett (D-142)

The Relationship Among Habitual Sleep Quality, Associate Memory, and Neural Oscillations in Young and Older Adults

Georgia Institute of Technology

NSP

Nadine Joseph (D-143)

Role of kinesins within the medial prefrontal cortex in the expression of fear memory

Scripps Research

NSP

Lauraine Mediavillo (D-144)

Partial loss of CaMKII delays the ability of mice to learn to discriminate odors in a focused go-no-go olfactory discrimination task

New Mexico State University

ENDURE — Colorado

Christopher Medina-Kirchner (D-145)

Residual effects of repeated-MDMA administration on cognitive performance, sleep, and mood in humans

Columbia University

NSP

Paige Miranda (D-146)

Nuclear Translocation of SMAD Proteins as a Signature of TGF β signaling is Critical for Long Term Memory

New York University

NSP

Termara Parker (D-147)

Neural correlates of holistic and configural face processing in individuals with autism spectrum disorder

Yale University

NSP

Efrain Rodriguez-Sierra (D-148)

Evaluating components of bicultural identity in Puerto Ricans and other Latin Americans living in the United States

University of Puerto Rico, Rio Piedras

ENDURE — University of Puerto Rico

Vanessa Serrano (D-149)

Moderators of age and allocentric processing

San Diego State University

ENDURE — WashU

Nadira Yusif Rodriguez (D-150)

Prefrontal cortex dynamics during sequential tasks using awake behaving nonhuman primate fMRI

Brown University

NSP

I: Techniques

Abraham Beyene (D-151)

Imaging Striatal Dopamine Release Using a Non-Genetically Encoded Near-Infrared Fluorescent Catecholamine Nanosensor

University of California, Berkeley

NSP

Luz Milbeth Cumba Garcia (D-152)

miRNA signature derived from GBM plasma exosomes as a diagnostic biomarker

Mayo Clinic Graduate School of Biomedical Sciences

NSP

Shawn Dsouza (D-153)

DTI Analysis Indicates Focal Impact of Glioma on White Matter Pathways

University of Colorado, Boulder

ENDURE — Colorado

Shalonda Ingram (D-154)

An optogenetic approach to test the functional consequences of dopamine transporter multimer formation

Meharry Medical College

NSP

Noelle James (D-155)

Viral-mediated transgenesis in the brain as a method to determine molecular mechanisms of aggression in stickleback fish

University of Illinois at Urbana-Champaign

NSP

Gabriel Martinez Sanchez (D-156)

Optimizing Electrowetting Lens Driver Using Rapid Modulation For MultiPlane Scanning Microscopy

University of Colorado, Denver

ENDURE — Colorado

Jean Carlos Rodriguez Diaz (D-157)

Kainate induced neuronal oscillations in the hippocampus

University of Michigan

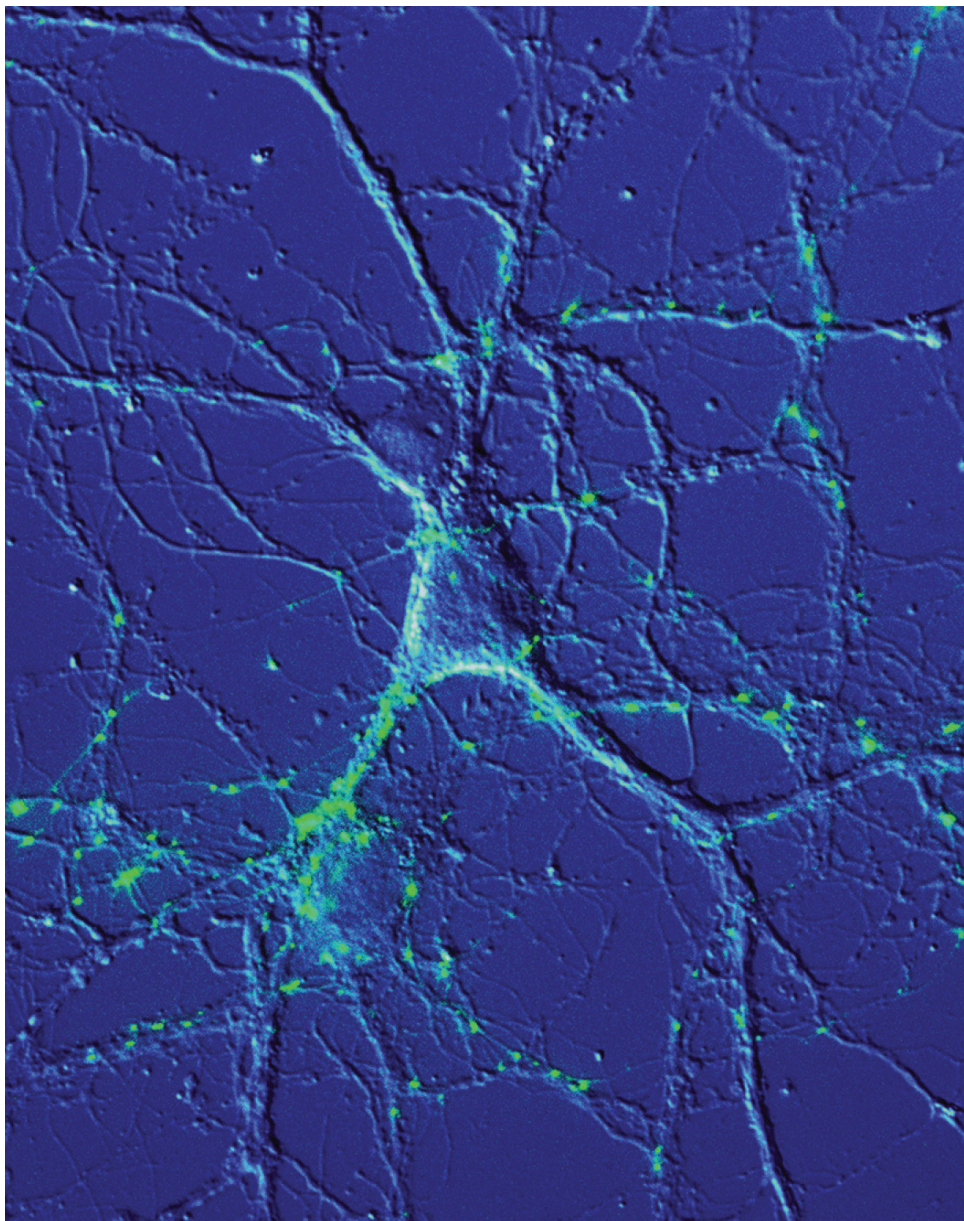
NSP

Scott Susi (D-158)

Classification of putative inhibitory interneurons using waveform shape in non-human primate MEA recordings

Brown University

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