

Erin Calipari

Associate Professor of Pharmacology at Vanderbilt University

NASHVILLE, TN, US

Expert in the neuroscience of mental illness and addiction, including gender differences.

Biography

Calipari received her PhD in Neuroscience in 2013 in the laboratory of Sara Jones at Wake Forest University School of Medicine where she studied how self-administered drugs altered dopaminergic function to drive addictive behaviors. She then went on to complete her postdoctoral training with Eric Nestler at Icahn School of Medicine at Mount Sinai, where she used circuit probing techniques to understand the temporally specific neural signals that underlie motivation and reward learning. She is currently an Assistant Professor at Vanderbilt University in the Department of Pharmacology. Her independent work seeks to characterize and modulate the precise circuits in the brain that underlie both adaptive and maladaptive processes in reward, motivation, and associative learning.

Areas of Expertise

Opioids, adaptive processes, self-administered drugs, Dopamine, Addiction and Recovery, Brain Behavior, Medicine and Drugs, Addiction, Neuroscience, Brain, Addictive Behavior, associative learning, Pharmacology, neural signals, maladaptive processes

Affiliations

Frontiers in Psychiatry (Addictive Disorders) : Associate Editor, American College of Neuropsychopharmacology : ACNP Associate Membership, Neuropsychopharmacology : Editorial Board

Selected Event Appearances

Activity-dependent changes in the dopamine transporter underlie addiction vulnerability in females.

ISN Satellite Brain in Flux Meeting

Dopaminergic mechanisms underlying sex differences in valence-based decision making

Gordon Conference on Catecholamines

Developing novel preclinical models to study addiction in females

College on Problems of Drug Dependence

Sex differences in behavioral strategies: the role of the neural encoding of stimulus value

Washington University in St. Louis

The neural basis of sex differences in value-based decision making
Canadian Neuroscience Meeting (CAN)

Education

Icahn School of Medicine at Mount Sinai
Postdoctoral Training

Wake Forest School of Medicine
Ph.D Neuroscience

University of Massachusetts, Amherst
B.S. Biology

University of Massachusetts, Amherst
B.S. Psychology

Accomplishments

Daniel X. Freedman Award
2019, Brain and Behavior Research Foundation

DP1 Avenir Award in Genetics and Epigenetics
2019, National Institute on Drug Abuse

NARSAD Young Investigator Award
2018, Brain and Behavior Research Foundation

Young Investigator Award
2017, College on Problems of Drug Use and Dependence

The Nancy Rutledge Zhaniser Award
2017, ASPET

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