

Garret Stuber, Ph.D.

Associate Professor, Department of Psychiatry and the Neuroscience Center at UNC-Chapel Hill
Raleigh-Durham, NC, US

Dr. Garret Stuber is an associate professor at the Neuroscience Center at UNC-Chapel Hill and the founder of Stuber Lab.

Description

Dr. Garret Stuber's primary research goal is to delineate the neural circuitry that underlies motivated behavioral processes that are perturbed in neuropsychiatric and neurodevelopmental disorders such as addiction, depression, anxiety, eating disorders, and autism spectrum disorders. Professor Stuber has the expertise, leadership, and motivation necessary to run a highly successful and productive research program, with extensive training in both behavioral neuroscience and neurophysiology.

Professor Stuber received his BS degree from University of Washington in 2000 and his Ph.D. in Neurobiology from UNC Chapel Hill in 2005 where he worked with Regina Carelli and Mark Wightman. He completed his postdoctoral work with Antonello Bonci at UCSF where he learned slice electrophysiology and established optogenetic approaches to study neural circuit function.

Professor Stuber started the Stuber Lab in 2010 in the Department of Psychiatry and Neuroscience Center at UNC. He has co-authored over 50 manuscripts on the neurocircuitry underlying motivated behavior. While not in the lab Garret spends time with his family and enjoys cycling and traveling.

Industry Expertise

Research, Education/Learning, Writing and Editing, Program Development, Mental Health Care

Topics

In Vivo, Neuroscience, Pharmacology, Molecular Biology, Scientific Writing, Cell Biology, Genetics, Statistics, Lab Work

Affiliations

Stuber Lab : Founder, UNC Neuroscience Center : Member

Past Talks

Circuits Involved in Feeding and Consummatory Behavior

Optogenetic Approaches to Understanding Neural Circuits & Behavior: Gordon Research Conference

An estrogen-gated hypothalamic reward circuit

Hypothalamic Circuits for Control of Survival Behaviors

Controlling the brain with light: An optogenetic approach to study the neural circuit basis of behavior

Forty-Fifth Annual Winter Conference on Brain Research

Education

University of North Carolina at Chapel Hill

Ph.D. Neurobiology

University of Washington

B.S. Psychology

Accomplishments

Gill Transformative Investigator Award (2015)

Professor Stuber is honored for his contributions to cellular and molecular neuroscience.

UNC Hettleman Prize (2014)

Dr. Garret Stuber is honored with the highly prestigious 2014 Philip and Ruth Hettleman Prize for Artistic and Scholarly Achievement. Established by Philip Hettleman in 1986, the award recognizes four highly promising faculty members at Carolina.

The Freedman Prize for Exceptional Achievement in Basic Research (2013)

Professor Stuber is honored with the Freedman Prize for his research to dissect the role of dopamine and non-dopamine neurons in the midbrain.

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