



## The Mission of the BIN Program

We are committed to excellence in graduate training. The BIN program is designed to strike a balance between course work, research, and teaching experiences.

1. Students learn to integrate advanced techniques in biological and neurobiological analysis with equally advanced behavioral techniques.
2. Research forms the core of the program and is a central part of the curriculum from the first year until the completion of the degree.

### Contacting Us

The BIN program, a part of the Department of Psychology and Neuroscience, is located in Davie Hall at 235 E. Cameron Avenue on the University of North Carolina Chapel Hill campus.

### Program Director

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### More Information

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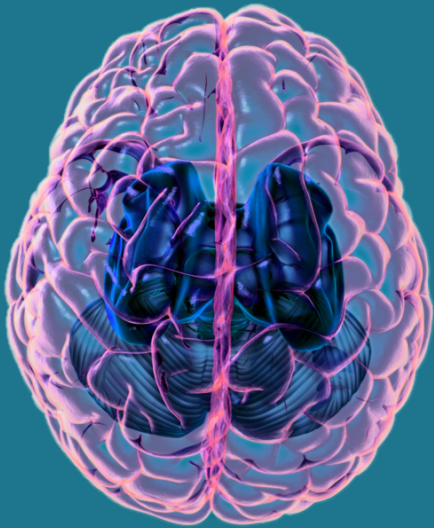
# Behavioral & Integrative Neuroscience (BIN) Program



# Our Program

## Research Focus

Understand biological mechanisms underlying drug addiction, including neural mechanisms and neurocircuitry mediating drug-seeking behaviors, pharmacological mechanisms underlying the rewarding properties of abused substances, the effects of abused substances on the immune system, the role of neuron-astrocytes interactions in drug abuse, and the role of HIV-related proteins in drug responses.



## Technologies Employed

State-of-the-art experimental approaches including sophisticated behavioral assays, molecular and cell biology techniques, electrophysiology, electrochemistry, neuro-imaging, chemogenetic, optogenetic, and molecular genetic tools.

## Promoting Diversity:

Our program supports the University's core values encouraging diversity and equal educational and employment opportunities throughout our community. We unequivocally denounce racism and other forms of hateful and discriminatory behavior with regard to culture, ethnicity, gender, sexual orientation, socioeconomic status, and age, among others.

We are strongly committed to promoting diversity in our program as we consider an ideal scientific community to be one that includes a diverse representation of individuals at all academic levels. We are especially committed to training early career scientists of diverse backgrounds, and we encourage students from backgrounds historically underrepresented in the sciences to apply, including but not limited to BIPOC, LGBTQIA+, first generation college students, and those of low socioeconomic status.

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Our views reflect university policy as reflected by the UNC Non-Discrimination Policy <<https://unc.policystat.com/policy/4467906/latest/>> and the policy of Office of Diversity and Multicultural Affairs<<http://diversity.unc.edu/>>.



## Interdisciplinary Collaborations

All our primary faculty hold secondary appointments with the UNC Curriculum in Neuroscience. Our research is often interdisciplinary, with faculty members maintaining research collaborations across the University including members of the Chemistry and Physics Departments, the UNC Dental School, and the Bowles Alcohol Center.

## High Level of Funding

As a group, the BIN Program has an excellent national reputation, and there are numerous indicators that the program is flourishing, including a prominent level of funding from sources such as the National Institute on Health, and publications in top journals. The BIN Program is committed to excellence in graduate training and supports students through an NIH National Institute on Drug Abuse (NIDA) training grant which has been continuously funded for over 30 years.