

# Postdoctoral Fellow: Neurocircuitry Underlying Binge Alcohol Drinking

The Department of Psychology & Neuroscience,  
Bowles Center for Alcohol Studies



THE UNIVERSITY  
of NORTH CAROLINA  
at CHAPEL HILL

POSTDOCTORAL FELLOW AVAILABLE IMMEDIATELY in the Department of Psychology & Neuroscience at the University of North Carolina at Chapel Hill.

100% of the fellow's time will be dedicated to research. The NIAAA-funded pre-clinical research program of the Thiele Laboratory is directed at studying the neurobiology and neurocircuitry that modulate excessive binge-like alcohol drinking in mice, and how changes in this neurocircuitry contributes to the transition to dependence. The research focus is on neurotransmitter and neuropeptide circuitry within the extended brainstem, extended amygdala, and prefrontal cortex.

The Thiele Laboratory takes advantage of cutting-edged technologies, including chemogenetic tools, transgenic mice, and viral vector approaches in combination with sophisticated animal models of alcohol use disorders. The postdoctoral fellow will be exposed to a range of behavioral and molecular procedures, including conditioning and behavioral characterization, site-directed stereotaxic brain surgery, brain microinjections, fluorescent and confocal microscopy, and various procedures for measuring protein and mRNA levels in brain.

A candidate with a background in neuroscience and with an interest in the neurobiology of alcoholism is preferred.

*Interested candidates should apply to <https://unc.peopleadmin.com/postings/243288> and email a letter of interest and a CV to:*

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University of North Carolina, Chapel Hill, NC 27599-3270.

E-mail: [thiele@unc.edu](mailto:thiele@unc.edu).

Website: <http://thielelab.web.unc.edu/>.

Application review will begin immediately and continue until the position is filled.

*The University of North Carolina at Chapel Hill is an equal opportunity and affirmative action employer. All qualified applicants will receive consideration for employment without regard to age, color, disability, gender, gender expression, gender identity, genetic information, race, national origin, religion, sex, sexual orientation, or status as a protected veteran.*

