

Three open positions:

Research technician senior (Robinson/Ferrario Collaboration)

Postdoctoral/senior research associate (Robinson/Ferrario Collaboration)

Postdoctoral/senior research associate (Ferrario)

RESEARCH TECHNICIAN SENIOR BEHAVIORAL PHARMACOLOGY/NEUROSCIENCE

- The University of Michigan -

We are now accepting applications for a research assistant to work full time on a collaborative research project with Drs. Terry E. Robinson (Psychology) and Carrie Ferrario (Pharmacology) at the University of Michigan, Ann Arbor, funded by NIDA. We seek someone with at least undergraduate experience in the field of behavioral neuroscience to assist in the conduct of studies concerning the psychological and neurobiological consequences of different patterns of cocaine self-administration behavior. In particular, it has recently become apparent that intermittent patterns of cocaine self-administration (IntA) have very different effects on brain and behavior than more oft used long access (LgA) procedures. This is of considerable importance for the development of realistic animal models of addiction. Thus, we seek someone interested in assisting in the conduct of behavioral (using self-administration and behavioral economic procedures) and/or neurobiological studies primarily focused on glutamate plasticity (using biochemical and electrophysiological approaches).

Interested candidates should send their CV, a brief statement of research interests and goals, and the names and contact information of 3 references to: ferrario@umich.edu. *Put job title in the subject line of the email.* The University of Michigan is an equal opportunity/affirmative action employer.

POSTDOCTORAL/SENIOR RESEARCH ASSOCIATE POSITION 1 BEHAVIORAL PHARMACOLOGY/NEUROSCIENCE

- The University of Michigan -

We are now accepting applications for a postdoctoral researcher (or senior research associate) to work full time on a collaborative research project with Drs. Terry E. Robinson (Psychology) and Carrie Ferrario (Pharmacology) at the University of Michigan, Ann Arbor, funded by NIDA. The studies concern the psychological and neurobiological consequences of different patterns of cocaine self-administration experience. In particular, it has recently become apparent that intermittent patterns of cocaine self-administration (IntA) have very different effects on brain and behavior than more oft used long access (LgA) procedures. This is of considerable importance for the development of realistic animal models of addiction. Thus, we seek someone interested in conducting behavioral (using self-administration and behavioral economic procedures) and neurobiological studies primarily focused on glutamate plasticity (using biochemical and electrophysiological approaches).

Interested candidates should send their CV, a brief statement of research interests and goals, and the names and contact information of 3 references to: ferrario@umich.edu. *Put job title in the subject line of the email.* The University of Michigan is an equal opportunity/affirmative action employer.

POSTDOCTORAL/SENIOR RESEARCH ASSOCIATE POSITION 2 BEHAVIORAL PHARMACOLOGY/NEUROSCIENCE

- The University of Michigan -

The Ferrario-lab is now accepting applications for a postdoctoral researcher (or senior research associate) to work full time in the research group of Dr. Carrie Ferrario (Pharmacology) at the University of Michigan, Ann Arbor, funded by NIDDK. The studies examine how insulin effects the function of brain circuits that control food craving in the normal and obese state. We seek someone interested in conducting behavioral (using Pavlovian and instrumental tasks) and neurobiological studies primarily focused on striatal plasticity and reward circuits (using in vivo behavioral pharmacology, DREADDs, and optogenetic approaches in combination with electrophysiology). A strong candidate will have a substantial background in study of motivation and reward in rodent models. Prior experience with some of these approaches is highly desirable, however training in these techniques can be provided.

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