

Undergraduate Research Assistant Information

Ming Li Lab, Biopsychology Laboratory

Department of Psychology, UNL

The Li Biopsychology Lab is currently seeking highly motivated undergraduates with an interest in biological psychology, molecular psychiatry and behavioral neuroscience to join our team. We have opportunities for research credits, UCARE fellowship, and the possibility to become a student worker. The Li Biopsychology Lab's main interests include understanding the long term molecular, cellular and behavioral effects of antipsychotics exposure, as well as the mechanisms underlying normal maternal behavioral functions and the molecular, cellular and behavioral alterations that contribute to postpartum disease states. We use a large spectrum of molecular techniques such as immunohistochemistry, ELISA, Western Blot, real-time PCR, molecular cloning and stereotaxic injection of viral vectors in the rat brain. In addition, behavioral techniques related to anxiety, depression, fear, locomotion, learning, social interaction, and maternal behavior are well established in our lab. Undergraduate students are extensively involved in conducting experiments, and the experience will increase student understanding of experimental design, trouble shooting, data analysis, and result interpretation to draw conclusions of research questions.

Interested students should contact Dr. Ming Li (mli2@unl.edu) or Dr. Beth Freeman (efreeman7@unl.edu). Please include a resume and unofficial transcript.