

Molecular Physiology Lab

**Research Opportunity For
Undergraduate Students**

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Molecular Physiology Lab

Research Assistants for a study on central mechanism of salt sensitive hypertension



Advisor: Dr. Zhiying (Jenny) Shan

Department: Kinesiology & Integrative Physiology

Contact: zhiyings@mtu.edu

Position: Research Assistant

Position Availability: Spring and Summer

We are seeking motivated undergraduate student research assistants to involve in a study supported by NIH grant in our Molecular Physiology lab investigating the role of high salt diet and stress on blood pressure regulation. Molecular biological technique, and physical function assessment will be applied to this study. The research assistants' responsibilities will include measure rat blood pressures, test rat gene expression changes in response to high salt diet or stress challenges using real time PCR, western blot and immunostaining methods. This is an ideal position for motivated students interested in learning about an active research environment prior to applying for graduate school or medical school. No previous research experience is required. The opportunity for research credit or financial support may be offered to dedicated research assistants following the training.