

Job Opening: Laboratory Technician (hourly)  
**Antonson Developmental Neuroimmunology Lab**  
The Department of Animal Sciences  
Microbial Systems Initiative  
University of Illinois Urbana-Champaign

**Job Description:** Research Laboratory Technician needed to manage the Antonson Developmental Neuroimmunology Lab. The lab uses animal modeling to investigate maternal and fetal immune, neurological, and behavioral development trajectories in response to insults during pregnancy. A qualified candidate will have basic experience in the biological sciences and in laboratory practice, and will be passionate about the research field. Experience (at least 1 year) in translational biological research and animal experimentation is required.

This is a full-time (40 hrs/week) academic hourly position.

**Major Duties and Responsibilities (percent effort):**

- Conduct studies involving laboratory animals (in vivo) and animal tissue (in vitro) - 30%
- Record and analyze experimental data - 20%
- Design and execute laboratory benchtop experiments - 20%
- Order laboratory equipment/supplies and maintain laboratory equipment - 10%
- Train incoming laboratory personnel - 15%
- Maintain laboratory records and ensure that the laboratory meets safety measures - 5%

**Required Education:**

Bachelor's degree in biology, chemistry, or related science field.

**Preferred Education:**

Bachelor of Science (B.S.) or Master of Science (M.S.)

Fields: neuroscience, immunology, biology, animal science/animal behavior, psychology.

**Required Experience:**

- 1+ year experience conducting experiments in a wet laboratory setting (including pipetting & working with biohazardous reagents/chemicals).
- 1+ year experience working with animals in a research setting.
- Fluency in the English language.
- Adept at using Microsoft Word, Excel, PowerPoint.

**Preferred Experience:**

- Prior research/management experience at the University of Illinois Urbana-Champaign.
- Animal handling experience including small (ex: mouse) and/or large (ex: pig) animals.
- Knowledge of experimental study design and management.
- Experience with in vitro experiments (cell isolation, culture, & treatment).
- Experience with biological assays: qPCR, flow cytometry, ELISA, immunohistochemistry.

**Start date:** March 1<sup>st</sup>, 2021

**Pay:** Negotiable based on experience and credentials.

Applicants should email Dr. Adrienne Antonson at [aantnsn2@illinois.edu](mailto:aantnsn2@illinois.edu) with their CV, two short (1/2 page) reference letters, and a short description (1 paragraph) of why they are interested in the position.