

<b>Job Title</b>	Research Technician
<b>PVN ID</b>	CC-2404-006221
<b>Category</b>	Research
<b>Location</b>	The CITY COLLEGE of NEW YORK
<b>Department</b>	Mollecular, Cellular and Biomedical Scien
<b>Status</b>	Full Time
<b>Annual Salary</b>	\$50,000.00 - \$65,000.00
<b>Hour(s) a Week</b>	35
<b>Closing Date</b>	Jun 01, 2024 (Or Until Filled)

## General Description

A full time position is available for a technician in a neuroscience laboratory in the CUNY School of Medicine. The laboratory is located in a new state-of-the-art research facility. Our research studies ways to improve function after a spinal cord injury using pre-clinical animal models. We use brain and spinal cord stimulation to promote neuronal activity-dependent plasticity and tissue regenerative processes. Our experiments incorporate microscopy; neural stimulation; recording of brain, spinal cord, and muscle electrical activity; and behavioral training.

The following are links for three representative studies:

<https://www.sciencedirect.com/science/article/pii/S1935861X23017540?via%3Dihub>

<https://www.sciencedirect.com/science/article/pii/S1935861X2200122X?via%3Dihub>

<https://www.sciencedirect.com/science/article/pii/S0014488621001217?via%3Dihub>

## Other Duties

Key skills for successful applicant include:

- Ability to work with an interdisciplinary team of scientists and students
- Knowledge of basic computing, including the ability to work with Microsoft Excel.
- Willing to be trained to perform laboratory tasks in a safe and timely fashion
- Excellent organizational skills and be able to keep accurate record and notes.

There are 4 principal duties for this position:

1. Participate in rodent experiments. The position requires: assisting scientists during animal surgeries, helping with pre- and post-surgical care; and maintaining general animal care and surgical records.

2. Assist in training animals to perform motor tasks (e.g., reaching and locomotion).
3. Data analyses include: quantitative microscopy, analysis of brain, spinal cord, and muscle electrical signals; biochemical and genetic analyses (Western blotting, qPCR)
4. Aspects of lab management, including checking inventory of supplies.

## Qualifications

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Education: BS/BA; in Biology, Neuroscience, or a related field