

Technical Research Assistant/Associate
Duquesne University

Direct Link: <https://www.AcademicKeys.com/r?job=153616>

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Posted Feb. 3, 2021, set to expire Jun. 5, 2021

Job Title Technical Research Assistant/Associate

Department Department of Biological Sciences
<https://duq.edu/academics/schools/natural-and-environmental-sciences/academics/departments-and-programs/biological-sciences>

Institution Duquesne University
Pittsburgh, Pennsylvania

Date Posted Feb. 3, 2021

Application Deadline Open until filled

Position Start Date Available Immediately

Job Categories Professional Staff

Academic Field(s) Research/Technical/Laboratory

Job Website <https://duq.edu/work-at-du/careers>

Apply Online Here <https://duq.csod.com/ats/careersite/search.aspx?site=1&c=duq>

Apply By Email

Job Description

POSITION:

The Technical Research Assistant/Associate will be responsible for conducting research in pain biology and neuroscience. The department is seeking candidates with experience pertaining to fundamental research on rodents. The position requires participation in administrative duties related to the proposed project:

- Formatting and preparation of quarterly and annual reports
- Management of laboratory supplies and workflow

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DUTIES AND RESPONSIBILITIES:

Works with rodent experimental animals in surgical and behavioral studies. Specifically, experience in microsurgery and/or nerve surgical techniques is preferred.

Assesses tissue recovered from experimental animals and analyze by immunohistochemical (IHC) staining combined with conventional and confocal epi-fluorescence microscopy. Participate in additional studies on the tissue transcriptome will include qPCR and RNAseq approaches.

Prepares quarterly scientific reports and contribute to scientific manuscripts and presentations related to the project.

Supports graduate and undergraduate students in their research related to the assigned project.

Participate in managing laboratory supplies and ordering.

Performs other related job duties as assigned by the Principal Investigator.

REQUIREMENTS:

B.S., M.S. or Ph.D. in neuroscience, pharmacology, biology, physiology, or equivalent field. Knowledge in pain/neuroinflammation/behavior a plus.

1 - 3 years of experience conducting data analysis and manuscript preparation experience is preferred.

Prior experience with handling/surgery experience with rodents is essential.

Prior experience with rodent sciatic nerve chronic constriction and/or transection surgery combined with relevant behavioral studies is preferred.

Knowledge, skills, and abilities required for this position are as follows:

- Ability to perform animal surgery, animal behavioral analysis, and statistical comparison of data.
- Ability to perform tissue recovery and preparation for IHC and/or RNA Transcriptome analysis.
- Ability to collect data in analytical studies.
- Ability to communicate clearly in writing and verbally.
- Ability to establish and maintain effective working relationships with the University Community.

Willingness to contribute actively to the University Mission and to respect the Spiritan Catholic identity of Duquesne University.

APPLICATION INSTRUCTIONS:

Interested candidates should submit a cover letter, resume, and contact information for three professional references.

Catholic in its mission and ecumenical in spirit, Duquesne University values equality of opportunity as an educational institution and as an employer. We aspire to attract and sustain a diverse faculty and staff that reflects contemporary society, serves our academic goals and enriches our campus community. We particularly encourage applications from members of underrepresented groups and support dual-career couples through our charter membership in this region's HERC (<http://www.hercjobs.org/oh-western-pa-wv/>).



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We invite applicants for this position to learn more about our university and its Spiritan heritage by visiting <http://www.duq.edu/about/mission-and-identity/mission-statement>. Those invited to campus for an interview may be asked about ways in which they see their talents contributing to the continued growth of our community and furthering its mission.

EEO/AA Policy

Duquesne University was founded in 1878 by its sponsoring religious community, the Congregation of the Holy Spirit. Duquesne University is Catholic in mission and ecumenical in spirit. Motivated by its Catholic identity, Duquesne values equality of opportunity both as an educational institution and as an employer.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Marla D. Bradford
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Duquesne University
Office of Human Resources
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Pittsburgh, PA 15282

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