

**Postdoctoral Associate
University at Buffalo**

Direct Link: <https://www.AcademicKeys.com/r?job=258686>

Downloaded On: Jun. 26, 2025 5:54am

Posted Jun. 25, 2025, set to expire Aug. 4, 2025

Job Title Postdoctoral Associate
Department Physiology and Biophysics
Institution University at Buffalo
Buffalo, New York

Date Posted Jun. 25, 2025

Application Deadline 06/24/2026
Position Start Date Available immediately

Job Categories Post-Doc

Academic Field(s) Physiology & Biophysics
Biomedical Engineering/Biomedical Sciences

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Job Description

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Postdoctoral Associate, Physiology and Biophysics

Position Information

Position Title: Postdoctoral Associate, Physiology and Biophysics

Department: Physiology and Biophysics

Posting Link: <https://www.ubjobs.buffalo.edu/postings/57740>

Job Type: Full-Time

Postdoctoral Associate University at Buffalo

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Posting Detail Information

Position Summary

Cardiac electrophysiology research to investigate Arrhythmias, Heart Failure and Sudden Death using animal models and donor human hearts.

Our group seeks highly motivated personnel to engage in cardiac electrophysiology and cardiovascular engineering research. The main aim of the laboratory is to elucidate the mechanisms underlying development of arrhythmias, heart failure and SCD associated with obesity and circadian rhythm dysfunction. For additional information, please visit the lab website at <https://www.kedararas.com>

Ideal candidates will be highly motivated and able to:

- Contribute to existing projects as well as to lead new research projects
- Prepare manuscripts for peer-reviewed journals.
- Communicate study results in conferences.
- Work collaboratively in a team-oriented environment, and train other lab members as needed.
- Be willing and able to quickly learn new skills as needed

Learn more:

- Our [benefits](#), where we prioritize your well-being and success to enhance every aspect of your life.
- Being a part of the [University at Buffalo community](#).

As an Equal Opportunity / Affirmative Action employer, the Research Foundation will not discriminate in its employment practices due to an applicants race, color, religion, sex, sexual orientation, gender identity, national origin and veteran or disability status

Minimum Qualifications

PhD in Biomedical Engineering or related discipline.

Preferred Qualifications

Cardiac electrophysiology, Animal handling and surgery (rodents, rabbits, pigs), Donor human hearts, Optical and Electrical mapping, Molecular imaging (western blot, histology, immunohistochemistry), Cardiac cell and tissue culture (incubator), Bioinformatics (transcriptomics, metabolomics, proteomics),

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Signal processing (optical action potentials, electrograms)

Salary Range

\$60,000 - \$70,000

Special Instructions Summary

Please submit a cover letter together with comprehensive CV, a summary of your most significant research accomplishments (300 words) and contact information of three references.

Is a background check required for this posting?

No

Contact Information

Contact's Name: Kedar Aras

Contact's Pronouns:

Contact's Title: Assistant Professor

Contact's Email: aras@buffalo.edu

Contact's Phone: 716-887-2930

Posting Dates

Posted: 06/24/2025

Deadline for Applicants: Open Until Filled

Date to be filled:

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Contact Information

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

Contact

N/A

University at Buffalo

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