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| **Title:** Postdoctoral Fellow (Physiology)**Job Category**: Administrative/ Professional**Department:** Physiology-SMC**College:** School of Medicine-SMC**Position Summary:** The Department of Physiology in the School of Medicine seeks applicants for a Postdoctoral Fellow position. This is a twelve month, full time (100% FTE) grant funded, term appointment in the Department of Physiology in the School of Medicine – Southern Illinois University Carbondale. Anticipated start date of February 1, 2022 or as soon as possible. This position is a one year appointment. The continuation of appointment is dependent on periodic reviews of performance and subject to availability of grant funds. **Duties and Responsibilities:** The individual will be responsible for scientific projects and lab work that include the study of the regulation of SLO-2 potassium channel using the nematode C. elegans as a model system. Work will be performed independently, under the supervision of the PI.Duties to include:1. Perform laboratory experiments, analyze and interpret data.
2. Plan experiments toward the major research project funded by NIH.
3. In consultation with supervisor, help and guide the research of students and staff in his laboratory in conjunction with this project and other projects.
4. Perform regular laboratory duties, including preparation of buffers and solutions, cleaning and general lab maintenance.
5. Contribute to manuscript writing, grant writing, and other professional writing needs in the laboratory.
6. Participate in meetings, trainings and other environmental, health and safety activities as required by SIU School of Medicine, Center for Environmental Health and Safety, and Southern Illinois University.

Candidates must be sensitive to the needs of underrepresented populations. Demonstrate, by actions, commitment to the mission and behavioral standards of the School of Medicine. Provide excellent service to both internal and external customers through collaboration and partnerships, compassion and respect, integrity and accountability, diversity and inclusion, as well as continuous learning and improvement.**Minimum Qualifications:** The position requires a Ph.D. degree in Neuroscience, Molecular Biology, Biophysics, or a related life science field.Applicants can mail or email a cover letter, a curriculum vitae, and the names of 3 references to the contact person, (Andrea Steen), listed below. Review of applications will begin immediately and continue until the position is filled. For full consideration, applications must be received by January 7, 2022.**Preferred Qualifications:** It is desirable that the Postdoctoral Fellow possess skills in basic and advanced molecular biology and biochemistry laboratory techniques, fluorescence microscopy, quantitative analysis of the data, and working effectively as a member of a team. Prior experience with electrophysiology is a plus. It is also desirable, although not required, that the Postdoctoral Fellow have previously published in a peer-reviewed journal.**General Information:** SIU School of Medicine (SOM) has its chief administrative unit and main campus in Springfield, IL, but has facilities and programs at multiple sites throughout central and southern Illinois. The SOM Carbondale campus is home to the basic science departments of Physiology, Biochemistry and Molecular Biology, and Anatomy for the School of Medicine. The Carbondale basic science departments offer a growing and interactive research environment with collaborative possibilities throughout the School of Medicine and with other departments on the SIU Carbondale campus. For further information on SIU School of Medicine and Physiology department, visit http://www.siumed.edu/ and https://www.physiology.siu.edu **Contact:** Andrea SteenSouthern Illinois University1135 Lincoln Dr.Life Science III, Rm 2086Mailcode 6523Carbondale, IL 62901asteen29@siumed.eduSecurity/Safety Sensitive: Security sensitive (subject to pre-employment criminal background investigation) **Deadline to Apply**: 01/07/2022***SIU Carbondale is an Affirmative Action/Equal Opportunity Employer of individuals with disabilities and protected veterans that strives to enhance itsability to develop a diverse faculty and staff and to increase its potential toserve a diverse student population. All applications are welcomed and encouraged and will receive consideration.*** |
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