

Tenure Track faculty position in Neural Engineering Case Western Reserve University

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| Job Title | Tenure Track faculty position in Neural Engineering |
| Department | SOM BME |
| Institution | Case Western Reserve University Cleveland, Ohio |
| Date Posted | Mar. 8, 2018 |
| Application Deadline | Open until filled |
| Position Start Date | July 1, 2018 |
| Job Categories | Assistant Professor Associate Professor |
| Academic Field(s) | Biomedical Engineering |
| Apply By Email | bmeneuralsom@case.edu |

Job Description

TENURE TRACK FACULTY POSITION IN NEURAL ENGINEERING

The Department of Biomedical Engineering at Case Western Reserve University is pleased to invite applications for a tenure-track position in the area of neural engineering, with an anticipated starting date of July 1, 2018 or thereafter. The position will be within the School of Medicine at the Associate Professor level.

Founded in 1826, Case Western Reserve University is a private research university located in Cleveland, Ohio. The site of the famous Michelson-Morley interferometer experiment, the university is associated with 16 Nobel laureates. The Case School of Engineering actively promotes interdisciplinary research collaboration through university-level institutes primarily focused on materials, health care, and energy. The Department of Biomedical Engineering, which is jointly housed in the School of Medicine and in the Case School of Engineering, was one of the pioneering BME programs in the country (founded 1968), and is home to 29 tenure-track faculty, over 150 graduate students and approximately 500 undergraduate students. Its faculty are international research leaders

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in biomaterials and nanomedicine, imaging, neural engineering, and computational imaging and personalized diagnostics. The BME department is also home to the endowed Case-Coulter Translational Research Partnership that promotes translational research and supports collaborative translational research projects to improve patient care and accelerate the delivery of healthcare technology from academia to the marketplace.

We seek outstanding candidates to establish or continue an internationally-recognized, competitively-funded individual research program in neural engineering AND who have a strong strategic vision for future research within our rich neural engineering community. The primary research areas of interest are: (1) neuromodulation for pain mitigation, (2) brain neuromodulation for movement disorders, and (3) computational modeling methods for understanding and enhancing neurostimulation interventions. Clinical translation is a major goal of our program, so previous experience working on clinical applications is expected. Previous work experience in the neuromodulation/neurostimulation industry is also strongly preferred. A doctorate in Biomedical Engineering or a closely related Science/Engineering field is required. The successful candidate is expected to contribute to the graduate training mission of the department, and to engage in departmental, institutional and professional service activities.

Applicants should submit a cover letter, curriculum vitae, statements on (1) research accomplishments and plans and (2) teaching and mentoring plans, (3) copies of three representative journal papers, and (4) the names and contact information of at least four professional referees.

Contact Information

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

Contact

Phone Number 216-368-4064
Contact E-mail bmeneuralsom@case.edu