

Requirements

The successful candidate will have a demonstrated record of excellence in his/her field. Applicants are expected to work closely with other research teams and develop a solid theoretical and computational foundation in their area of research. Specific emphasis will be placed on interdisciplinary research that uses molecular, optical and electrophysiological methods for manipulating neuronal networks that are directly related to specific behaviors.

Prospective applicants are invited to browse the ELSC website and contact relevant researcher(s): <http://elsc.huji.ac.il>

For general information about postdoctoral fellowships, please contact: brain@elsc.huji.ac.il



The Edmond and Lily Safra Center for Brain Sciences
The Hebrew University of Jerusalem
Edmond J. Safra Campus, Givat Ram, Jerusalem 91904
e-mail: brain@elsc.huji.ac.il, <http://elsc.huji.ac.il>
Tel: +972-2-6585375, Fax: +972-2-6586152

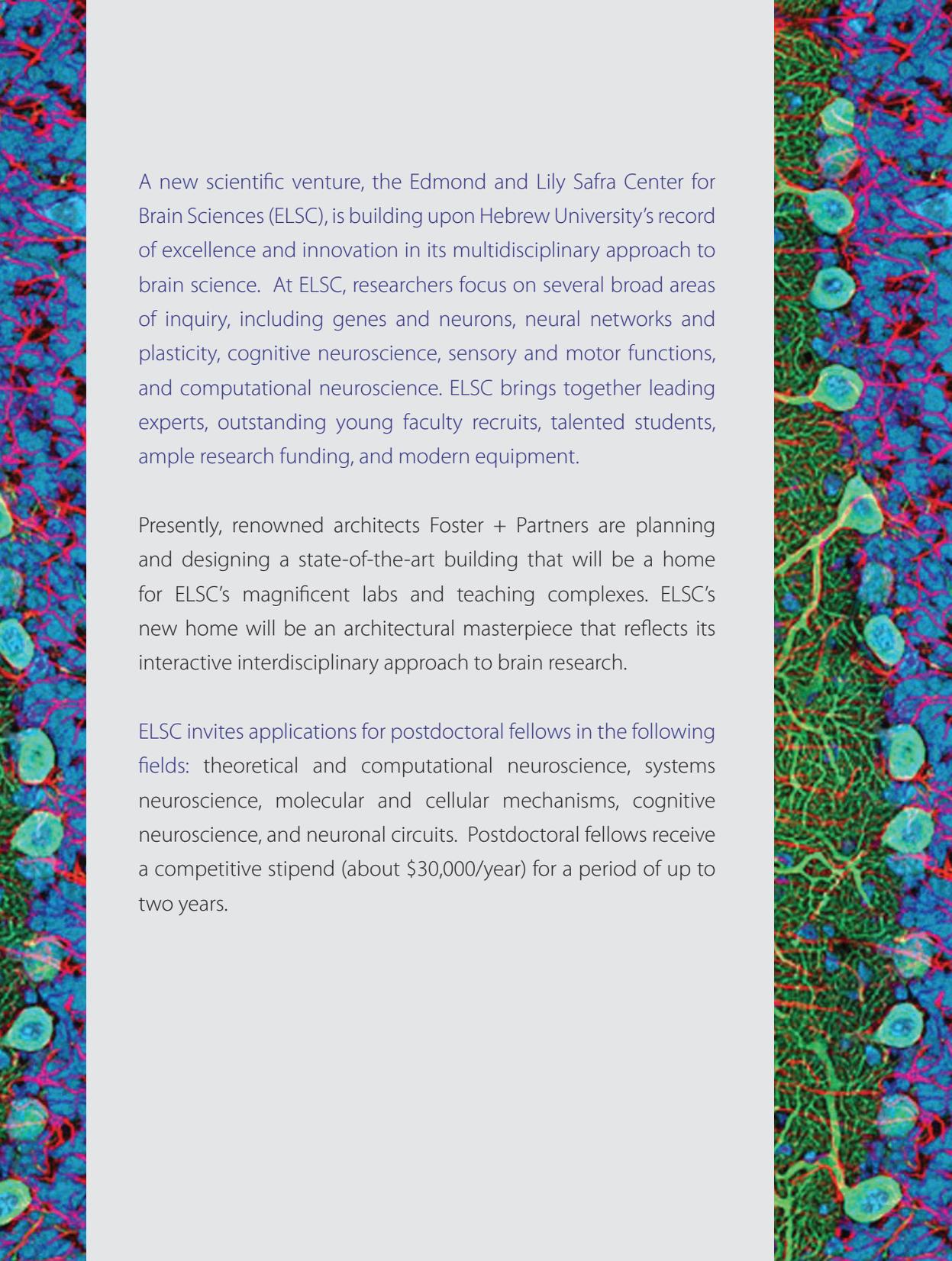
Postdoctoral Positions at



The Edmond & Lily Safra
Center for Brain Sciences



האוניברסיטה העברית בירושלים
The Hebrew University of Jerusalem



A new scientific venture, the Edmond and Lily Safra Center for Brain Sciences (ELSC), is building upon Hebrew University's record of excellence and innovation in its multidisciplinary approach to brain science. At ELSC, researchers focus on several broad areas of inquiry, including genes and neurons, neural networks and plasticity, cognitive neuroscience, sensory and motor functions, and computational neuroscience. ELSC brings together leading experts, outstanding young faculty recruits, talented students, ample research funding, and modern equipment.

Presently, renowned architects Foster + Partners are planning and designing a state-of-the-art building that will be a home for ELSC's magnificent labs and teaching complexes. ELSC's new home will be an architectural masterpiece that reflects its interactive interdisciplinary approach to brain research.

ELSC invites applications for postdoctoral fellows in the following fields: theoretical and computational neuroscience, systems neuroscience, molecular and cellular mechanisms, cognitive neuroscience, and neuronal circuits. Postdoctoral fellows receive a competitive stipend (about \$30,000/year) for a period of up to two years.

Postdoctoral fellows enjoy the full benefits of the ELSC environment, including:

- State-of-the-art laboratories and central shared facilities such as fMRI, 2-photon imaging, electron microscopy, and virus facilities;
- A distinguished existing faculty with varied research interests as well as top Ph.D. students from the highly-regarded Interdisciplinary Center for Neural Computation (ICNC) Program;
- A focus on inter-departmental multidisciplinary collaboration, as well as on-campus proximity to related disciplines, such as engineering, physics, and life sciences;
- Enriched academic milieu that includes weekly seminars, guest lectures, social events and annual conferences that bring together world-renowned experts;
- Established ties and frequent collaborations with world-renowned labs, including Max Planck Institute (MPI), University College London's (UCL), Gatsby Computational Neuroscience Unit, Columbia University, and EPFL's Brain Mind Institute;
- Opportunities to audit advanced courses in computational and systems neuroscience, molecular and cognitive neuroscience, and others;
- Efficient administrative support, provided by a dedicated staff;