

<http://neuroscience-innovation.org/aboutinnovationcenter/>

Call for Proposals - Postdoctoral Fellows

"BrainBoost": Innovation Center for Applied Research and Industrial-oriented Postdoctoral Training in Brain Science

- BrainBoost is a new Sagol School initiative aimed at creating and advancing applied research and technology projects conceived within the School – with the ultimate goal of curing, treating, and preventing brain disorders.
- The Fund will support 10–15 projects over the next 5 years, in three main fields:

Pharma, Devices and Software/Hardware Solutions

- Projects will be led by exceptionally talented postdoctoral researchers, mentored by a School PI. The postdoctoral fellow will attend a series of specifically formulated training and personal mentoring to ensure that they have the entrepreneurial as well as scientific skills to join and lead the neuroscience industry. BrainBoost Postdoctoral fellows will be expected to participate in BrainBoost activities (events, seminars, courses).
- A dedicated scientific committee composed of experts from both academia and industry will decide which projects are supported annually.
- See <http://neuroscience-innovation.org/aboutinnovationcenter/> for more details.

Tentative Planned Support – BrainBoost, First Round

Number of selected projects	Type of project	Postdoctoral fellowship*	Travel Funds
2	Software/hardware solutions	\$35,000	\$ 2,000
2	Devices, diagnostics	\$35,000	\$ 2,000
2	Pharma, therapeutic approaches	\$35,000	\$ 2,000

* Including 10% PI participation fee.

Projects are supported for 1 year with the option of extension for a 2nd year upon progress

Application Guidelines

- Application can be submitted by any early stage researcher in Israel or abroad up to 10 years from his PhD graduation.
- Early stage researchers can submit an independent idea for a BrainBoost project and attach a support and commitment letter from a PI in the Sagol School of Neuroscience that will mentor and host them during the project.

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→ **Postdoctoral fellows who would like assistance in finding a suitable partner can contact: Dr. Dana Bar-On, Head of the BrainBoost program sagolschool@tauex.tau.ac.il.**

Timetable and Deadlines

Submission to Dana Bar-On: sagolschool@tauex.tau.ac.il

Letter of Intent (Project title, Name of post doc, Affiliation)	01 Sep 2016
Submission	30 Sep 2016
Announcement	20 Nov 2016
Start	01 Jan 2017 (or earlier)

Applications and letter of intent should be submitted to: sagolschool@tauex.tau.ac.il

The criteria for the project selection will be:

1. High research quality of the project and expected impact in the field (40%)
2. Excellent track record of the postdoctorate candidate leading the project (40%)*
3. A clear applicative potential in the field of brain science and technology (20%)

*** Some of the postdoctoral candidates will be invited for an interview**

Outline of the application:

1. Project objectives and content
2. Expected outcome
3. Student and mentor CVs and publication lists

Detailed description of the application:

1. Project objectives and content (up to 4 pages)

Section 1 of the proposal provides a description of the project's objectives and content, including the project's business potential. It may include relevant figures, pictures, tables, etc. Section 1 contains the following:

- 1.1 Project summary and overall success criteria
- 1.2 Technology: preliminary results (if available) and project content
- 1.3 Market: business potential
- 1.4 Project structure

1.1 Project summary and overall success criteria: a short summary of the project's overall vision, objectives and success criteria for the funding period, including a brief description of the expected results as related to the overall vision.

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1.2 Technology: preliminary results (if available) and project content: a detailed description of the project's scientific and/or innovation-related content, Scientific/technological ideas and hypotheses in the project.

- Research and/or innovation-related content and applied methods, including how to approach the most important scientific challenges.
- Expected scientific/technological results.
- Existing knowledge in the field (state of the art) and the project's positioning compared to national and international initiatives in the field. **It is important that it clearly describes what constitutes state of the art in the field today in terms of the technology.**

1.3 Market: business potential of the project:

A. Guidelines for **Business potential (value proposition)**:

- What problem is solved by the project?
- What patient demand is met by the project?
- What is unique about the product/technology/solution compared to competing products/technologies/solutions?

B. Competing companies/laboratories and ideas:

- What are the existing alternative solutions and the competition, including strengths and weaknesses of competing products/research?

1.4 Project structure: a description of the project's structure in the form of work packages and time frames. The project's milestones and related success criteria should be described to enable monitoring the project's progress.

2. The project vision (Half a page)

- Expected outcome of participating in the project, including prospects for extension of the funding upon success (where do you see the project in 5 years? 10 years?).

3. CVs and publication lists for the PI and postdoctoral candidate

Project participants' CVs and publication lists.

General expertise in the researcher's laboratory, e.g., description of research activities, experience, partners and international positioning, laboratory facilities, etc.

Additional information for the postdoctoral candidate: (1 Page)

Why did you choose to become part of this center?

What are your career plans for the next 5 years?

What are your career plans for the next 10 years?