

JOY GRANTS - 2017 CALL FOR PROPOSALS
Using Neuroscience for Improving the Everyday Human Experience

The JOY Grant was founded to jump-start, nourish and support scientifically-based ideas and research that can ultimately provide cutting edge solutions for reducing stress impact on our performance and/or well-being, improving regulation of emotions in personal and social context, increasing mental and physical resilience under challenge. It is part of an interdisciplinary effort of creating a joint collaborative ecosystem, in Israel, between academia and industry, to use the latest neuroscience and technological advancements for improving the everyday human experience by enhancing individual capacity to cope with daily challenges and stress. JOY will also support a privately-owned incubator, nurturing start-up companies, exclusively in this field.

The Grant is seeking to promote and contribute to the recently emerging scientific field of wellness and wellbeing, and harness its experience to assist in the dissemination of knowledge from the laboratory to the market.

We look for research proposals offering state of the art scientific based tools or procedures, while incorporating breakthrough technologies, solutions and approaches for monitoring and modulation of the human brain and body. The Grant will support research performed in academic education centers (universities and colleges) and academic medical institutes in Israel.

The long-term vision is to create a new field of scientifically based "Neuro Wellness" consumer solutions, that will improve the everyday human experience by reducing mental vulnerability and cultivating mental resilience, thus allowing people to cope with and better manage stress and negative emotions during their daily activities. Such solutions will be purchased and used directly by consumers with no need for FDA clearance or medical guidance/supervision.

Investigators, Joint Interdisciplinary Teams, Post-Doctoral fellows and doctoral students are hereby invited to submit proposals from diverse, basic and applied, disciplines and approaches. The research proposals should promote new solutions and approaches for understanding mechanisms and feasibility of solutions which address wellbeing and healthy brain activity, mental and physical state. Solutions and technologies include, but are not limited to software and hardware, devices, sensors, smart clothing and nutritional, biopharma and molecular-based solutions. Collaborations among Israeli scientists and researchers with industry are highly encouraged. Both basic and applied research will be considered.

The program will provide, each year, up to \$1.2 million dollars in funding to proposals consistent with the initiative's goals, through a competitive application, review, and selection process. Selected proposals will be funded with amounts of \$40,000-\$100,000 per annum, for a two-year period, beginning Nov 1, 2017. Research extensions should be applied for up to 6 months prior to the end of the two-year period.

A meeting explaining the grant application and presenting the initiative including Q&A will be held, on February 27 2017, to further elaborate on the focus of the grant, answer questions, meet members of the scientific committee.

JOY Grants - Guidelines

1. Criteria for selecting proposals:

- 1.1 High research quality, novelty and expected impact in the field (60%)
- 1.2 Applicative potential (short as well as long term) (20%)
- 1.3 Facility / Feasibility (10%)
- 1.4 Collaboration among various disciplines and/ or industry (10%)

2. Who can apply?

The grants are open to any academic researchers, although we seek to specifically promote the careers and development of young investigators such as graduate students and postdoctoral fellows.

Academic researchers from any discipline are invited (Neuroscience, Psychology, Life sciences, Medicine, Engineering, Computer science and others - MD, PhD, DSc, post Doc...)

Interdisciplinary teams of researchers from exact/life science, together with researchers from social sciences and humanities are welcome.

3. Scientific committee:

The Grants' committee consists of leading researchers in the field (see our website). The committee will review and evaluate the proposals, interview the leading proposal researchers, to decide which projects will be supported, subject to approval by Joy Board of Directors.

4. Timetable and Deadlines – 2017

Call Publication Date	1 Feb
Q&A Meet-Up (attendance recommended)	27 Feb
Full Proposal Submission	20 Mar
2 nd Phase Proposals Notification	30 Apr
Interviews w Leading Proposal Researchers	May-June
Winners Announcement	20 June
Formal Research Initiation & Funding	1 Nov

5. The proposal will include:

- a) Completed title page (see Appendix A)
- b) CV of leading researchers involved in the proposal
- c) An abstract summarizing the main proposed objectives (up to 200 words).
- d) Description of the proposed research program & expected outcome.
- e) Include the following sections in the proposal:
 - Specific research goals - what is the problem/experience to be researched and how is it related to improving the everyday human experience
 - Rationale for studies
 - Research plan and milestones
 - Collaboration contributions & responsibilities
 - Scientific approach
 - Preliminary relevant data (if exists)
 - Expected results & outcomes
 - Applicative potential

The proposal (narrative & figures, but not bibliography) should not exceed 4 numbered, single-spaced pages, in 12-point font with one-inch margins.
- f) Detailed statement: A tabulated column/dollar amount format of plans for the full research term, including detailed itemized budgets for each year.
- g) Video Statement: in addition to the proposal, researchers should submit a 2-min video statement presenting the highlights of their project (oral statement or combined with a presentation demonstration). The video statement will serve as part of the review process.
- h) Statement/ approval of the affiliated institute for submitting the proposal, by the financial officer and/or research authority, including applicants name.
- i) In case of proposal submitted by a student (Ph.D., post Doc fellow etc.), a support letter from the direct supervisor is required.
- j) Check list (see Appendix B)

6. 2nd Phase - Best and Finals Proposals:

- The researchers of highest-ranked proposals will be invited for a presentation + interview.
- In case the proposed research involves human and/or animal subjects, documentation from the affiliated research institution that, such experimentation has been approved by the appropriate institutional committee[s].

7. Funds allocation:

- Allowed salaries/scholarships may include those for post-doctoral, PhD or master students, technical services & support.
- The grant funds may be used for equipment & lab testing, supplies, animal costs & travel.
- The grant will accept allocation of up to 20% for institutional overhead or indirect costs.

8. Reporting:

Reporting policy: Annual written reports, both financial and scientific, including progress, achievement, obstacles, etc.

JOY Grant representatives reserve the rights to visit the researchers in their facility for unformal pre-arranged periodic review meetings.

9. Payments

Payments are subject to an annual review of research progress. The sponsoring institution is responsible for fiscal management.

Payment terms:

- 80% beginning of each research year
- 20% after annual report approved by the scientific committee and Joy.

10. Intellectual Property:

The JOY Grant does not request any IP ownership or claim any rights over the research proposal or any of future products, tools or patents to be created and does not prevent from the researcher or the affiliated research institute to negotiate or sale the current or future IP rights of the proposals to a third party.

11. Submission info:

- Electronic submission to: grant@joyventures.com
- Confirmation of successful submission is provided via email within one week of acceptance. A copy of the application material is sent to the applicant by email.
- For any issue, please contact us at grant@joyventures.com
- Sending Questions before the Q&A meet-up is highly recommended
- Follow JOY grant progress & information at joyventures.com/grant

Appendix A - Title Page

Please print or type & fill in all fields; can go beyond form pages

**Na
me**

(last)

(first)

(highest degrees)

Date of
Birth

**Title of
Project**

**Academic
Institution/Department**

Current Position

Supervisor (for students)

mail address

Contact
Information

(email address)

(telephone number)

**Signature of
Applicant**

(date)

Appendix B – Check List

- a) Completed title page
- b) CV of leading researchers involved in the proposal
- c) Proposal abstract (up to 200 words)
- d) Proposed research program & expected outcome.
- e) The following sections in the proposal:
 - Specific aims
 - Rationale for studies
 - Research plan and milestones
 - Collaboration contributions & responsibilities
 - Scientific approach
 - Preliminary relevant data (if exists)
 - Expected results & outcomes.
 - Applicative potential.Max of 4 numbered, single-spaced pages,
in 12-point font with one-inch margins
- f) Detailed budget plan statement
- g) 2-min video statement
- h) Financial officer / research authority statement/approval
(including applicants name)
- i) Support letter from the direct supervisor (if required)

*** Please check each completed/attached item**