



RISING STAR RESEARCH AWARDS

One Mind, in collaboration with Janssen Research & Development, Donna Friedman, and Robina Riccitiello, is offering up to three Rising Star Research Awards in 2021. The goal of the One Mind Rising Star Research Awards is to build capacity and accelerate research on neuropsychiatric disorders by recognizing and funding promising, early career investigators through a competitive grants process. One Mind, in collaboration with Inscopix, is also offering up to two supplemental technology grants, each in support of one Rising Star Research Award.

General Award Characteristics and Eligibility

- The project period for the awards is 3 years.
- The total funding for each award is \$300,000, of which \$100,000 will be distributed annually. Continuation of the awards for the second and third years of the research are dependent upon review of an annual progress report by the Chair of the One Mind Scientific Advisory Board and the One Mind Chief Scientist and Innovation Director.
- Indirect costs are limited to a maximum of 10% and will be taken from the direct costs.
- To qualify as an early career investigator, candidates should be within 10 years of their initial independent appointment as an assistant professor for academic institutions or equivalent for non-academic research institutions. Note that postdoctoral fellows are ineligible.
- Candidates should have demonstrated productivity and innovation in a scientific field that can be applied to the study of neuropsychiatric disorders, such as anxiety, bipolar disorder, compulsive disorders, including OCD and eating disorders, depression, post-traumatic stress and other trauma-related disorders, schizophrenia, suicidality, and other serious psychiatric illnesses.
- Awardees will be invited to attend One Mind's 27th Music Festival for Brain Health activities on September 10 - 11, 2021 in Napa Valley and to give a presentation about their award-winning research plans at the Music Festival's Scientific Symposium.
- The proposal should not overlap with existing funding.
- Applicants may apply for the One Mind/Inscopix Technology Grant only as a supplement to a Rising Star Award proposal. Applicants cannot solely apply to the Technology Grant.

Scope

One Mind Rising Star Research Awards:

The scope of the three 2021 Rising Star Awards varies as described below. Applicants will be considered for all that fit their proposal.

- The One Mind / Janssen Rising Star Award in Memory of Jeffrey S. Nye, MD, PhD, is open to proposals for translational research on any neuropsychiatric disorder.
- The One Mind Robina Riccitiello Rising Star Depression Research Award is open to proposals for translational and clinical research on depression and related disorders.
- The One Mind Donna Friedman Rising Star Eating Disorders Research Award is limited to translational and clinical research on eating disorders, such as anorexia nervosa, bulimia or compulsive eating disorders.

Examples of relevant research proposals include, but are not limited to, studies that aim to:

- Discover causal mechanisms, biomarkers and therapeutic targets for neuropsychiatric disorders;
- Evaluate the effectiveness of therapies, including pharmaceuticals, electroceuticals, digital therapies or cognitive and behavioral health interventions to prevent the onset or promote recovery of neuropsychiatric disorders;
- Investigate common mechanisms of brain dysfunction and/or recovery between two or more neuropsychiatric or neurological disorders to accelerate the development of diagnostic tools, effective treatments and precision medicine;
- Improve our understanding of how age, race/ethnicity, and/or comorbidities impact the diagnosis, prognosis and treatment effectiveness of neuropsychiatric disorders;
- Integrate preclinical and clinical studies to accelerate and enhance translational research on neuropsychiatric disorders and recovery.

One Mind/Inscopix Technology Supplemental Grant:

Applicants whose proposals can be enhanced by optical methods to investigate links between neural circuit/ensemble dynamics and disease phenotypes are within scope and are encouraged to apply for this supplemental grant from Inscopix. Proposals might include, but are not limited to:

- Signal analysis in health vs. disease, and/or how circuit/ensemble signatures change and evolve during disease progression and in therapeutic intervention paradigms.
- Studies using established or new rodent models of neuropsychiatric disorders to extract key characteristics of the pathophysiology in a cell type-and/or circuit-specific manner.
- Investigations into the causal role of disease circuit/ensemble dynamics identified with nVoke/nVista and potentially in conjunction with other methods such as pharmacology, chemogenetics, electrophysiology and cell ablation.

Each Technology Grant includes:

- *1 state-of-the-art nVoke miniature microscope system* from Inscopix for integrated *in vivo* Ca⁺² imaging and optogenetics (simultaneous or sequential) in the brains of freely behaving mice. Applicants can request an nVista system in lieu of nVoke should their proposal require only Ca⁺² imaging either in the mouse brain and/or in the rat neocortex and hippocampus.
- *Full scientific support* including a dedicated Field Scientific Consultant for the duration of the project to provide on-site training and guidance to the awardees, from experimental design to data analysis. The award will also provide an opportunity to engage with Inscopix's transdisciplinary team of neuroscientists, data scientists, and engineers.

- Full technical support including iCare (no questions asked repair and replacement service, for the duration of the award).

All questions about the supplemental One Mind/Inscopix Technology Grant, including technological feasibility, should be emailed to candace@onemind.org. We will forward them to the Director of Strategy at Inscopix if needed.

Application Process:

A full application packet should be sent as an attachment via email to candace@onemind.org on or before June 1, 2021. The application packet must include the following and be submitted in this order:

- A face sheet signed by a nominating officer (see below).
- A research proposal (two pages, Arial 11 pt. font, single-spaced) describing the aims and significance of the project with an outline of the research plan. Applicants requesting the Inscopix Technology Grant must include a brief paragraph within the two-page proposal providing scientific justification for the supplement. References can be included on a separate third page.
- A separate page including a summary budget for year 1 of the proposal.
- Plans for data sharing should be included on a separate page, with a brief description about how data will be made available to the broader research community. If the research involves human subjects, informed consent documents should be written to request approval to share de-identified clinical data and biological samples in adherence with Institutional Review Board (IRB) policies aimed at protecting patient privacy. IRB approval is not required for submission of the application but will be required prior to the release of funds.
- A letter nominating the applicant for the award from the Dean, Department Chair, or Head of their Scientific Program at a University or other Research Organization in which he or she is employed. Multiple nominations are permitted. The nominating letter should briefly describe 1) the merits of the applicant and 2) the resources and support the home institution provides to the applicant and be signed by the nominator.
- An NIH style biosketch (5 pages maximum including all other support).

Selection Process:

The One Mind Scientific Advisory Board, along with other scientific experts as needed, will review the applications to the Rising Star Research Awards for scientific merit and forward recommendations to the Chairmen of the One Mind Board of Directors. If award-winning applications include a request for the supplemental Technology Grant, those proposals will also be reviewed for scientific merit and included in their recommendations. Applicants chosen for awards will be notified on or around July 16, 2021.

Other Conditions:

Due to the large number of applications received, we are unable to share comments from the grant reviewers with the applicants. If too few suitable candidates are identified, award monies will be carried forward allowing for additional awards in subsequent years. Funds may be used over a period of up to three years pending One Mind approval of annual progress reports and accounting of funds spent.



2021 RISING STAR RESEARCH AWARDS

APPLICANT INFORMATION:

FIRST NAME: _____	LAST NAME: _____	DEGREE: _____
ACADEMIC POSITION: _____		
INSTITUTIONAL AFFILIATION: _____		
MAILING ADDRESS (w/Department):	_____	
BIRTHDATE: _____	PHONE: _____	EMAIL: _____
PROJECT TITLE:	_____	
APPLYING FOR (check all that apply): <input type="checkbox"/> Translational Research Award <input type="checkbox"/> Eating Disorders Research Award <input type="checkbox"/> Depression Research Award <input type="checkbox"/> Inscopix Technology Grant	AREAS OF RESEARCH (Check all that apply) Approach: <input type="checkbox"/> Human <input type="checkbox"/> Animals and/or In Vitro <input type="checkbox"/> Computational <input type="checkbox"/> Digital Disorder(s): <input type="checkbox"/> Schizophrenia <input type="checkbox"/> Bipolar <input type="checkbox"/> Depression <input type="checkbox"/> Trauma-related disorders <input type="checkbox"/> Anxiety <input type="checkbox"/> Addiction <input type="checkbox"/> Eating disorders <input type="checkbox"/> OCD spectrum <input type="checkbox"/> Other _____	
How did you hear about this award program? _____		
SIGNATURE OF APPLICANT: _____		DATE (MM/DD/YEAR): _____

NOMINATING OFFICIAL INFORMATION:

NAME: _____	TITLE: _____
INSTITUTION: _____	
SIGNATURE OF OFFICIAL: _____	DATE: (MM/DD/YEAR): _____

Please email a PDF copy of this completed and signed document along with your application to candace@onemind.org, or mail them, postmarked on or before June 1, 2021, to:

One Mind
P.O. Box 680
Rutherford, CA
94573 USA