NeuroData Discovery Award

The Kavli Foundation invites Project Applications for one-year grants to generate new discoveries from reanalysis of data available in the NWB format. Applications should propose a project using publicly-available data generated by a lab other than that of the applicant. This call is open to attendees of the ***NeuroDataReHack*** 2024 or 2025 workshops.

The NeuroData Discovery Award has three key goals:

(1) Support innovative analyses of existing NWB-formatted datasets through conventional or novel analytic methods,
(2) Promote studies and new approaches to analysis that will drive discoveries and accelerate the pace of fundamental research in neuroscience, and
(3) Demonstrate that the secondary analysis of data can be used to examine questions beyond the scope of the original data.

Opportunity and Scope

- These grants are intended to provide funding for projects seeded at the ***NeuroDataReHack*** 2024 or 2025 workshop.
- Project applications must be for new, secondary analysis projects that use publicly available data found in archives, such as [DANDI](#).
    - Applicants are encouraged to propose analysis of standardized data generated by diverse research groups or sources.
    - Data sources should be used in novel combinations; for example, Allen Brain Observatory or Allen Cell Types Database can be used if in combination with non-Allen Institute generated NWB datasets.
- **Preliminary data are not required**, and the scope of projects should be appropriate given budget and duration.
- **Analysis pipelines and relevant code or results must be released publicly** via an open data archive or repository.
- **Applicants should not propose new data collection**, even if it enhances existing data sets.
- **Proposed projects must not be focused solely on the development of new computational methods or software tools**; any new analytical software must contribute to generating knowledge or scientific insights.

Application and Funding Specifics

- Applicants can request up to $50,000 USD for one year, plus up to 15% indirect overhead costs.
- Proposed project expenses should be included, such as salary support, travel, equipment, supplies and other research expenses.
- Project applications must be submitted electronically by **August 8, 2025**, 5pm PT through The Kavli Foundation Funding Application Portal: https://kavlifoundation.smapply.org/prog/neurodata2025

Eligibility

- All applicants must have attended either the ***NeuroDataReHack*** 2024 or 2025 workshop.
- Only fully completed applications submitted through the application portal will be considered.
- Applicants for funding must be at a US or international institution of higher education, or non-profit research organization, or affiliated with such an entity. For international awards, status equivalent to a US public charity or nonprofit educational institution is required. The Kavli Foundation is unable to accept applications from individuals at organizations located in certain sanctioned territories.

Timeline

- *NeuroDataReHack* workshop: July 14-18, 2025
- Project application submission due: August 8, 2025, 5pm PT
- Notification of awards: Late September 2025
- Funds will be disbursed late 2025, in coordination with recipient organization administrative processes.

Instructions for Project Application Submission

Applications must be submitted using The Kavli Foundation application portal https://kavlifoundation.smapply.org/prog/neurodata2025. The Project Application consists of:

- Applicant details
  - Name and email
  - Organization/Job title
  - ORCiD URL or identifier
  - Up-to-date CV or NIH/NSF-style biosketch (include preprints or other interim research products such as data sets or software) *File upload*
  - Letter of PI support (upload PDF; for graduate student applicants only)
  - Administrative point-of-contact from each host organization
- Proposal details
  - **Title of application** (limited to 60 characters, including spaces)

- o **Proposal Summary/Scope of Work**: A short summary of the project (maximum of 500 words)
- o **Value of proposed research**: Describe the intended outcome of the project (maximum of 250 words)
- o **Short description of the data set(s) used and their location** (maximum of 250 words)
- o **Budget:** include line-itemized costs such as salary support, travel, equipment, supplies and other research expenses. *File upload*
- o **Project timeline with milestones** Include short description of milestones. *File upload*
- o **References** (optional)
- o **Data Sharing:** The Kavli Foundation values the open dissemination of research. Describe examples of your commitment to data sharing (such as making articles open access, sharing data/code, scientific outreach, etc.), and intentions related to this proposed project (maximum 200 words).

Review

Applications will be reviewed by an expert panel based on the following criteria:
- Alignment with program goals, including the potential to drive discovery, advance the field of neuroscience, and openly share knowledge
- Reasonable and appropriate use of funds
- Alignment with The Kavli Foundation's principles

Applications will be kept confidential to the extent possible, except as necessary for processing and evaluation. Full anonymity cannot be guaranteed. Feedback from reviewers will not available.

Statement on inclusion

The Kavli Foundation is a catalyst for advancing scientific research, strengthening the relationship between science and society, and honoring scientific achievement. We are dedicated to the belief that scientific excellence can come from anyone, anywhere and is enriched by diverse perspectives, skills, and ways of thinking. We believe the scientific community should reflect the rich diversity of the globe - in race, gender, age, cultures, and beliefs - and we support this diversity through our grantmaking practices.

All applicants will benefit from equality of opportunity and fair treatment without regard to race, color, age, religion, pregnancy, sex, sexual orientation, disability, gender identity, gender expression, national origin, genetic information, veteran status, marital status, and prior protected activity.

Questions?

Contact science@kavlifoundation.org and include "**NDDHACK25**" in the subject line.