



The Kavli Foundation invites proposals for one-year research projects exploring innovative technologies to observe or control neural activity using photonic methods. Funding is intended to seed collaborative efforts between attendees of the ***Sculpted Light in the Brain*** 2024 conference.

Funding Opportunity Goals

- Seed new, interdisciplinary, and collaborative research
- Support innovative, high risk/high impact projects that focus on basic science and/or technology (as opposed to translational or clinical applications)
- Accelerate the development of optical approaches to study brain function

Funding Details

- Up to \$50,000 USD in direct costs per scientist, with a maximum of \$150,000 for teams of up to three researchers
- Allowable indirect rate: up to 15% of direct costs
- Project duration: One year

Scope of project proposals should be appropriate given budget and duration. The expectation is that the grant will kickstart well-designed preliminary projects or analyses, that could lead to future grant applications for a larger, federally-funded project. Proposals will be evaluated on impact, innovation, feasibility and alignment with Kavli Foundation goals.

Proposals must be submitted electronically by 5:00 pm PT August 19th, 2024 through the online application portal: <https://kavlifoundation.smapply.org/prog/SLB2024PP/>

Eligibility

- Application is by invitation, based on acceptance of a Letter of Interest (LOI) and the [eligibility criteria](#) outlined in the LOI stage

Timeline

- *Sculpted Light in the Brain* conference attendance: June 19 - 21, 2024 - complete
- LOI submission and review: July 8 - July 19, 2024 - complete
- **Project proposal submission due: August 19, 2024 at 5pm PT**
- Notification of awards: Early September 2024
- Funds will be disbursed in Q4 2024, in coordination with recipient organization procedures

Instructions for Project Proposal Submission

Each Project Proposal should be submitted using The Kavli Foundation application portal and include:

- Co-applicant details: name, email, organization/job title, ORCID URL or identifier, CV or NIH/NSF-style Biosketch (*File Upload*)
- Proposal details:
 - **Title** (limited to 60 characters)
 - **Summary/Scope of Work** (max 500 words): Similar to what was submitted in LOI; make adjustment if necessary
 - **Innovation and impact:** Describe the most compelling aspects of the proposed research and how they are innovative compared to current approaches or ideas. How would research outcomes impact scientific understanding? (maximum of 500 words)
 - **Insight and Rationale:** Describe what concepts or ideas motivated the proposed research? What rationale supports the pursuit of this project, despite little or no preliminary data? (maximum of 500 words)
 - **Project Timeline with milestones:** Any suitable format is allowed. *File Upload*
 - **Budget:** Include line-itemized costs such as salary support, travel, equipment, supplies, any sub-awards and other research expenses. *File Upload*
 - **Expected contribution and deliverables from each collaborator** (maximum 200 words)
 - **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 Process

- Proposals will be reviewed and selection for applications will be based on alignment with program goals, scientific merit, innovation, and feasibility.
- Cross-disciplinary collaborations and diverse project participants are encouraged.
- Applications will be kept confidential to the extent possible, except as necessary for processing and evaluation.

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 "SLB2024" in the subject line.