

Caltech | Funding Memo

Title: S2I Early-Stage Research Projects

Funding Agency: Sensing to Intelligence

External Deadline(s):

03/25/2022 05:00 PM PDT (Full Proposal)

Cognizant Office: The Center for Sensing to Intelligence

Description:

The [Center for Sensing to Intelligence](#) (S2I) at Caltech is pleased to announce a call for proposals seeking seed funding for early-stage research projects. This call will prioritize proposals that address significant challenges and opportunities associated with human health, climate change, and intelligent systems for scientific discoveries via new sensing/imaging technologies, and/or new computational and mathematical approaches for extracting actionable information from large or noisy datasets. S2I is very interested in receiving collaborative proposals seeking support for activities that take a holistic co-design approach between adaptive sensing, information recovery, prediction and action.

Frequency: First-time opportunity

Total Award: \$80,000

- Up to \$80,000 over a period of 18 months.
 - Tuition rate is 66%.
 - No PI salary is allowed.

Indirect Costs: Not Allowed

- A signed DAF is required.

Duration: 18 months

Discipline(s): Biology and Biological Engineering; Chemistry and Chemical Engineering; Engineering and Applied Science; Geological and Planetary Sciences; Physics, Mathematics, and Astronomy

Eligibility: Tenure-Track Faculty, Tenured Faculty

- Only one submission is allowed per lead PI.

Research Areas of Interest:

- This call will prioritize proposals that address significant challenges and opportunities associated with human health, climate change, and intelligent systems for scientific discoveries via new sensing/imaging technologies, and/or new computational and

mathematical approaches for extracting actionable information from large or noisy datasets.

- Proposals may seek support for fundamentally new or existing research projects that are taking a new direction.
- The following factors will be considered in the selection process:
 - The overall intellectual strength of the proposal and its alignment with the S2I's general mission.
 - Whether the project is a cross-disciplinary collaboration.
 - The qualifications of the investigator(s).

Post-Award Obligations:

TBD

Recent Caltech Recipients:

- None, New Opportunity

Proposals should include:

1. A cover page: proposal title, PI(s) name(s) and project summary (50 words max);
2. Technical narrative (2 pages max in a readable font, inclusive of figures);
3. Project budget (up to \$80K over a period of 18 months; tuition rate 66%; no overhead; no PI salary);
4. Current funding related to the proposed project; and
5. Signed Division Approval Form.

Please combine all the items listed above into a **single pdf file** and submit via email to s2i.admin@caltech.edu. Additional information may be requested by the review committee subsequent to an initial review process.

Opportunity ID: 1053