



## Winter 2024-25 Call for Proposals

Evolutionary processes shape the biosphere at every level of biological organization, from the structures of molecules to the topologies of ecological communities. Evolutionary processes also lie at the heart of the largest environmental changes in the history of our planet.

With this call for proposals, the **Center for Evolutionary Science** has a limited pool of funds to support Institute-wide research into evolutionary change via both biotic and anthropogenic forces. The Center supports the investigation of these phenomena at any time scale or level of biological complexity. Areas that fall under the scope of the Center include (but are not limited to):

- *History of life on Earth (and other bodies)*
- *Population dynamics, population genetics, and ecology*
- *Biotic causes and consequences of climate change*
- *Host-parasite/host-virus coevolution, from molecular interactions to epidemiology*
- *Genome evolution, comparative genomics, phylogenetics, and the Tree of Life*
- *Evolution of molecules, cell signaling pathways, development and body plans*
- *Evolution of nervous systems and behavior*
- *Population engineering*
- *Functional morphology, adaptation, and biomechanics*
- *Evolutionary anthropology, linguistics and cultural evolution*

### Award Information

We aim to foster new projects with a focus on evolution for which funding may be challenging to secure from traditional sources. Applications are open to faculty in all divisions and may or may not be the product of interactions between laboratories.

- Applicants may request a maximum of \$40,000 to be used on personnel (non-faculty) salaries, supplies, equipment and/or travel.
- Successful applicants must provide a 1-year progress report on the funded work.
- Publications resulting from the funded work must acknowledge support from the “Center for Evolutionary Science at Caltech”.

### Application Information

Please submit:

1. A one-page proposal detailing your project, with relevant background information and a short explanation of the work’s significance to understanding evolutionary phenomena
2. A brief budget
3. A Divisional Approval Form (DAF)

Applications will be reviewed by the CES steering committee (M. Bronner, M. Dickinson, W. Fischer, V. Orphan, L. Pachter, J. Parker, P. Perona and R. Philips)

Applications must be submitted by the deadline to: [evolution@caltech.edu](mailto:evolution@caltech.edu)

**Deadline: January 21, 2025**