

Genomics Innovation Hub funding for technology development: Request for Proposals

The Cornell Genomics Innovation (GI) Hub, established by the Provost's Genome Biology Task Force, invites applications for funding to pursue genomics technology development projects, in collaboration with the GI Hub. Please submit this [web form](#) by **5pm March 20, 2020** to indicate your intent to apply for GI funds (required). Final applications will be due April 13, 2020, with awardees notified by the end of May.

Innovator Awards:

Up to \$25,000 per award will be available for proposals that aim to develop novel genomics applications. Innovator proposals should focus on novel technology development, such as methods that are not published or publically available, or radical improvements to existing methods. Budgets may include up to \$15,000 in salary support for graduate students/post-docs/staff (excluding faculty). The remainder can be applied to supplies, reagents, and services (e.g. equipment access or sequencing costs). The budget for salary support should indicate percent effort on the project over the next 12 months, with a requirement for active participation in the GI Hub.

Trailblazer Awards:

\$5,000-\$10,000 per award will be available for proposals that aim to develop and/or utilize cutting-edge genomics applications for research. Proposals may include novel technologies as well as methods developed in the GI Hub, at Cornell, or elsewhere that are not commercialized or offered as services by core facilities or companies. Current focal technologies in the GI Hub include combinatorial barcoding strategies for single-cell or ultra-high throughput profiling assays, but proposals are not limited to these areas. Trailblazer proposals can be specific to technology development and include proof-of-principle experiments, or can focus on deploying cutting-edge methods to investigate a biological question. Budgets may include up to \$10,000 for supplies, reagents, and services (e.g. equipment access or sequencing costs) but not salary support.

As for any collaboration with the GI Hub, all proposals can assume access to the shared resources of the GI lab, including barcoded oligo sets and supplies for combinatorial indexing strategies, high throughput liquid handling equipment, and dedicated pre- and post-PCR lab space, at no cost to the researcher. Similarly, documentation of methods developed, improved, or implemented using GI funds or shared resources will be retained in the GI Hub and made available to the Cornell research community after publication or no later than 2 years after the award is granted. Awardees will be expected to acknowledge GI funding in presentations and publications of the proposed work.

Timeline:

Web form (intent to apply) due: **5pm Friday March 20, 2020** (extended!)

Full application due: Monday April 13, 2020

Award notification: May 2020

Progress report due: June 1, 2021

Eligibility:

Any member of the Cornell community with PI status may apply; co-Investigators are welcome, but awards will be made to a single account.

Application overview:

1) Web form:

- PI name(s)/affiliation(s)
- Proposal title and abstract (outline format allowed)
- Award type (Innovator or Trailblazer)
- Previous submission history to seed funding at Cornell

2) Full application:

- Cover page - same information as web form (minor edits allowed)
- Proposal - introduction, aims, technology development/research plan (2-3 pages, excluding references)
- Budget - detailed budget and justification, including personnel and effort for Innovator awards (1 page)
- NIH-format Biosketch - for all investigators, including current and pending support
- Supplemental materials (optional) - letters of support, relevant manuscripts/grant submissions/reviews, etc

This RFP is also posted on the GI web site: <http://www.genomicsinnovation.cornell.edu/>

Please contact Jen Grenier (jgrenier@cornell.edu) with any questions.