

GRANT PROPOSAL GUIDELINES

GGA Networking Event 2022

Proposals are due by 5pm (EST) on Friday December 2, 2022

Proposals should be submitted as a single PDF and emailed to gga-research@ncsu.edu

Proposed projects should be relevant to the field of Genetics and Genomics

The proposal must include an NCSU faculty member as the lead PI, and all co-PIs must be affiliated with NCSU

Support can be up to one-year of research or proposal development

It is anticipated that funds will be available in February 2023

Two types of proposals will be accepted:

- Research Focus
- Training Grant Focus.

Research Focus Proposal Format:

- Cover page (0.5 – 1.0 page):
 - o Proposal Title
 - o Abstract (up to 300 words): emphasize innovation, include feasibility
 - o Interdisciplinarity Statement (up to 300 words): Interdisciplinary is defined as involving at least two distinct fields, preferably from different colleges and/or departments. Define the roles of each PI on the team.
 - o Names & affiliations of one corresponding PI and all co-PIs (include department and college). There is no limit to the number of co-PIs
 - o Keywords (up to 5)
 - o Limited funds from outside the GGA are available to fund a few projects. Please indicate whether you would like your project to also be considered for funding from the Data Science Academy (DSA) and/or Comparative Medicine Institute (CMI). This is NOT REQUIRED, but will help with the review process.
 - For DSA Funding: Proposals should explain how the research includes discovery of or novel application of data science. The Data Science Academy prioritizes proposals that describe how they will build diversity, equity and inclusion.
 - For CMI funding: Proposals should aim to develop interdisciplinary teams focused on translating basic research and scientific discovery into clinical/societal applications to improve the health of animals and humans.
- Project Description (3 pages):
 - o Aims
 - o Background: Brief background to project.
 - o Innovation/ Impact: How is this project innovative? What is the impact if successful? Why should we fund this idea? What is novel or unique about it?
 - o Feasibility and Approach: Provide enough information to reviewers to demonstrate your ability to carry out this project within a 12 month time-frame. This can include published articles or previously generated data unrelated to this collaboration.
 - o Expected Outcomes & Future Directions
- References (no page limit)
- Budget Page (0.5 – 1.0 page):
 - o Indicate budget level: \$5k, \$10k, \$15k or \$20k
 - o Provide a brief, qualitative description of how the funds will be used (e.g., supplies, equipment, stipend support for trainees (grad or undergrad), faculty summer salary, travel, etc.)
- NSF or NIH-style Biosketches for each PI and co-PI.

Training Grant Focus Proposal Format:

- Cover page (0.5 – 1.0 page):
 - o Proposal Title
 - o Abstract (up to 300 words)
 - o PIs' names & affiliations (include department and college)
- Proposal Description (3 pages):
 - o Overview of training grant focus
 - Include potential title for Training Grant
 - Include agency targeted along with link to RFP
 - Who will be trainees (e.g., grad students, undergraduate students, postdocs)
 - How does the training grant support diversity, equity, and inclusion? (Not just in recruitment, but in support and retention)
 - Describe how this Training Grant strategy aligns with the RFP

- o Interdisciplinarity and innovation: include some ideas of the educational research questions that will be addressed with the Training Grant (important for NSF Training Grant proposals)
- o Leadership: define the leadership team with a description of their diversity (e.g., diversity in research as well as in background/identity)
- o Trainers: provide a list of faculty trainers including a description of their diversity
- o Courses: provide ideas for new courses to support training program
- o Size: provide thoughts on size of training grant (e.g., number of trainees)
- References (no page limit)
- Budget Page (0.5 – 1.0 page):
 - o Indicate budget level: \$10k, \$20k or \$30K
 - o Provide a brief, qualitative description of how the funds will be used (e.g., faculty summer salary, support for planning meetings, etc.)
- NSF or NIH-style Biosketches for the PI, co-PIs and Trainers