2022 INTERDISCIPLINARY SEED GRANT RFP
THE GLOBAL CHANGE CENTER AT VIRGINA TECH
WITH FINANCIAL SUPPORT FROM
THE FRALIN LIFE SCIENCES INSTITUTE &
THE INSTITUTE FOR SOCIETY, CULTURE AND ENVIRONMENT

In summer 2022, the Global Change Center (GCC) at Virginia Tech will accept proposals to support interdisciplinary research that will lead to collaborative proposals submitted to extramural funding sources. Priority will be given to funding proposals that advance the collaborative, interdisciplinary mission of our group, promote collaboration across departments/colleges, and are most competitive for extramural support. Preference will be given to proposals from faculty members who have a demonstrated track record of participation in GCC and/or Interfaces of Global Change (IGC) IGEP activities.

Please keep in mind that our planned funding allocations are based on our current understanding of next fiscal year's budget. Should this change for any reason, we will communicate this to the community.

There are two opportunities for funding:

1) <u>Global Change</u>. We seek to fund interdisciplinary research projects that deal with emerging global change issues (e.g., disease, climate change, pollution, invasive species, land use) that have regional significance, link multiple GCC faculty programs and take advantage of unique combinations of expertise at VT, have societal and/or policy implications, and have high potential to eventually leverage external resources.

For this funding opportunity, we anticipate allocating a total of approximately $75K spread across 3-5 awards, with no further cap on the amount for individual awards.

2) <u>Emerging Social Aspects of Global Change</u>. In collaboration with the Institute for Society, Culture, and Environment (ISCE), we seek to fund projects led by GCC affiliated faculty that address social aspects (e.g., causes, consequences, solutions) of major global change issues (e.g., disease, climate change, pollution, invasive species, land use). The project should leverage and integrate a unique combination of social science expertise (social science faculty not required to be affiliated with GCC) with biophysical and/or engineering expertise at VT, and have high potential to eventually leverage external resources.

For this opportunity, we anticipate allocating a total of approximately $30K spread across 1-2 awards.

Intended use of award funds (both opportunities): Seed grant award funds are intended to provide financial resources that will aid in the collection of new data or to conduct new work that will lead to external proposals. Requests to fund wages for students and support staff are allowable; however, salary contributions are discouraged for PIs and must be clearly justified if included. Budgeted funds should not be allocated to compensate time spent writing grant proposals.

Eligibility for both opportunities: For a proposal to be considered for either opportunity, at least two faculty members affiliated with the Global Change Center should be PIs, but additional faculty from Virginia Tech and outside of the University can be part of the collaborative team(s).

Eligibility for the Emerging Social Aspects of Global Change opportunity: Same requirements as above, and at least one social scientist (broadly defined) must be from Virginia Tech (but does not have to be affiliated with the GCC).

Timeline for both opportunities:

Notification of intent deadline is May 20, 2022. In a brief email to jcoker@vt.edu simply **1)** provide the tentative title for the proposal, **2)** identify which opportunity you are applying for (#1 or #2 above), and **3)** provide the list of faculty PIs and their affiliations.

Deadline for applications is June 17, 2022. Incomplete, late, or incorrectly formatted applications will not be considered.

Notification of awards will be made by August 1, 2022.

Because of our annual budget cycle, award funds must be spent before June 1, 2023.

Requirements: These awards will provide seed money to a group of faculty PIs for data collection that will result in *submission of a collaborative proposal(s) by June 2024.* If you receive an award, you are committing to provide follow-up reports each year until all products resulting from the work are final (e.g., all manuscripts are published and grant proposals are submitted). Please acknowledge the Global Change Center at Virginia Tech, the Fralin Life Sciences Institute, and ISCE (for funding opportunity #2) for support in all manuscripts and presentations benefitting from this funding.

Application procedure: All applications must include:
The application should be a MAXIMUM of 3 PAGES total (to include integration of the enclosed application format), with one-inch margins and text single-spaced in Arial 11. In addition, and <u>not </u>counting toward the 3-page limit:

- A statement to outline "Project Feasibility During the Pandemic" should be included toward the end of the proposal (no more than 200 words).
- 2-page CVs must be provided for co-PIs that are not GCC affiliated faculty. GCC faculty affiliates do <u>not</u> need to submit their 2-page CVs.
- A list of references cited can be added as an additional page.

All files should be sent in a <u>single</u> pdf file by e-mail to Jess Zielske; E-mail address: jcoker@vt.edu. Label files as LAST NAME_GCCSeedGrantApplication2022;

Application Review Criteria for Seed Proposals:
Applications will be reviewed by an ad hoc committee and by ISCE (funding opportunity #2), and funding decisions will be based on the abovementioned criteria as well as:
- Benefit of the activity to multiple GCC lab groups.
- Pertinence of global change research topic to the GCC.
- Feasibility of proposed research project.
- Interdisciplinary strength of the project and diversity of the research team.
- Clear plan for how this support will lead to submission of a collaborative external proposal.
- Likelihood that proposal(s) produced from the work will be competitive with the identified funding entity/RFP.
- Positive track record of engagement by faculty in GCC/IGC activities.

Please direct any further questions to William Hopkins (hopkinsw@vt.edu).

2022 GCC SEED GRANT APPLICATION

Do not exceed 3 pages

(*excluding* CVs for non-GCC faculty, COVID 19 feasibility statement, & references cited)

1. Personal Information (provide this for each GCC faculty PI)

Name: E-mail address:

College/Department:

Responsibilities on project and contribution to collaborative effort:

Additional non-GCC senior personnel (provide for each person, & attach 2-pg CV):

Name: Affiliation:

Responsibilities on project:

2. Title of Proposed Project:

3. Brief description of Project (750 words max):

4. Budget (please provide brief budget justification in each section):

Equipment, Supplies, and Materials:	
	Total: $
Wages	
	Total: $
Other costs (list specific items)	
	Total: $
Total Project Costs:	$
Total Amount Requested:	$
Other sources of matching support, if applicable:	$

5. Timeline for project leading to proposal submission.

6. This funding is intended to lead to proposal(s) submission by June 2024.

List planned submission(s) here:
Agency:
RFA Title/Number (if available):
Target date:

7. Project Feasibility During the Pandemic:
Project feasibility is among the factors considered by our Seed Grant Proposal Review Panel each year. Because the COVID-19 pandemic has affected research operations at Virginia Tech, we ask that you provide a brief statement (no more than 200 words) to demonstrate that your project will be feasible next fiscal year if restrictions and logistical constraints caused by COVID-19 remain similar to what we recently faced (i.e., Phase Three Guidelines & Research Operations Policy for Spring 2022, see OVPRI website). Please consider all aspects of your work, including potential limitations on travel, undergraduate volunteers, and the use of human subjects in research. This brief statement can appear at the end of the proposal and does not count towards the 3-page limit.