



INSTITUTE FOR CREATIVITY,
ARTS, AND TECHNOLOGY
VIRGINIA TECH.

STUDENT SEAD GRANTS

SUMMARY:

The Institute for Creativity, Arts, and Technology (ICAT) will award three, \$1,000 student grants for the spring 2020 academic semester.

ICAT invites applications for projects that leverage the combined strengths of science, engineering, art, and design to tackle real-world challenges. These funds can be used to pursue a range of transdisciplinary activities that are creativity-fueled and human-centric.

Project Team: Teams must be comprised of at **least three students, from at least two different colleges**. If two team members are from the same college they must be from different departments within that college. For each team member please submit: Name, College and Major, Year, and VT PID.

ELIGIBLE INVESTIGATORS:

Current students at Virginia Tech are invited to submit an application and lead a project team. The project PI(s) must be enrolled at Virginia Tech in good standing as a graduate or undergraduate student.

In keeping with Virginia Tech's Principles of Community (<http://inclusive.vt.edu>), ICAT recognizes the critical importance of diverse teams of scholars. ICAT seeks to diversify its research teams along multiple dimensions. ICAT is dedicated to InclusiveVT – serving in the spirit of community, diversity, and excellence to create a community that nurtures learning and growth for all of its members.

Proposals should involve two or more of the following areas represented by ICAT.

- Visual Arts
- Architecture
- Life sciences/Agriculture
- Creative writing
- Earth science
- Physical sciences
- Industrial design
- Performing arts
- Education
- Engineering
- Human sciences
- Humanities
- Social sciences
- Technology
- Computer science
- Business

Faculty Advisor: One faculty advisor is required per team, however teams may opt to have more than one team advisor. Please submit the Name, Department, and VT PID of the Team Advisor(s).

IMPORTANT DATES:

- **Submission Due Date:** February 7, 2020
- **Announcement:** February 14, 2020
- Funded teams agree to exhibit their work at **ICAT Creativity + Innovation Day 2020 and/or the Virginia Tech Science Festival 2020**
- Teams retain right of ownership to their project, however teams agree to submit final documentation of their project, which ICAT may use for publication purposes.

Proposal format: Submissions will be limited to 5 pages (8 1/2"X 11"), in PDF format, 3MB or under, including all text and images. No video or audio files, please.

Please address each section in your proposal using Times New Roman 12 pt. font. Proposal should be limited to 5 pages including images.

Complete team information

- PI Information: Name, College, Major, Email, Home Department
- Team Member Information: Names, College, Major, Emails, Home Departments
- Faculty Advisor(s) Information: Name, Department, Email

Statement of Need/Project Description

- Listing of research areas involved (see first page)
- Statement of innovation
- Linkage to ICAT mission and goals
- Where project work will happen and if technical resources from ICAT are needed

Methods and Strategies

- Describe the activities that will be conducted as part of your project

Goals and Objectives

- Describe the overall outcome your project aims to achieve
- Describe project outputs
- Describe plans for future funding, exhibition, etc.

Plan for Evaluating Project Success

- Describe how you will determine if your project has been successful
- Describe anticipated outcomes and deliverables

Timeline

- Timeline should begin after February 14, 2020 and end by May 8, 2020.
- Budget and Budget Justification
 - o Total budget request
 - o Budget justification and amounts requested for
 1. Student time
 2. Equipment
 3. Materials and supplies

SUBMISSION:

1. Cover sheet to include:
 - a. Signatures of all team members
 - b. Signature of faculty advisor
2. Proposal Document (PDF submission to Melissa Wyers at mwyers68@vt.edu)

FUNDING INFORMATION:

- Funds will be awarded to the PI's home department unless otherwise authorized by ICAT. All project expenses must be posted to Banner within 30 days of the project's end date.
- Unspent funds must be transferred back to ICAT within 45 days of the project's end date.
- Funds will not be awarded for conference travel, food, outside artist fees, or honorariums.
- Funds may be used for equipment, software, materials.

REVIEW CRITERIA:

The proposals will be reviewed by ICAT members as well as a panel of student reviewers. and then evaluated based on the following criteria:

1. Intellectual merit and innovation
2. Interdisciplinary nature of the team
3. Correlation to the mission of ICAT and its studios
4. Broader impact of the project
5. Potential channels to advance the proposed research
6. Timeline
7. Clear outcome and deliverables
8. Alignment with project categories and/or themes