



INSTITUTE FOR CREATIVITY,
ARTS, AND TECHNOLOGY
VIRGINIA TECH.

STUDENT SEAD GRANTS



Submission Due Date

February 10, 2021



Awards Announced

February 19, 2021

SUMMARY

The Institute for Creativity, Arts, and Technology (ICAT) will award two, \$2,000 student grants for the spring 2021 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.

We are looking for proposals in two key areas, with one, \$2,000 grant being awarded for each area:

Bridging Physical Distance

With the propagation of the COVID-19 pandemic, what was once a matter of convenience is now a requirement. These projects go far beyond videoconferencing software and include the use of augmented and virtual reality technologies to bring people from around the world together in shared immersive digital spaces to connect, learn, and experience. Proposals in this area should focus on enhancing human connection using technology.

Creating the Future of Work in Health and Design

Advances in technology are changing the ways we work. From the aesthetics, functionality, and even physical locations of our workplaces to the ways we collaborate with our co-workers and communicate with our clients, these projects focus on efficiency, productivity, and value. Proposals in this area should focus on how healthcare intersects with design to create innovative new ways to care for people.

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.

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 Dates: February 10, 2021
- Award Announcement: February 19, 2021
- ICAT Creativity + Innovation Day: May 3, 2021. Funded projects expected to participate.
- 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, excluding cover page with signatures. No video or audio files, please.

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

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(including images)

 PDF format
3MB or under

 Times New Roman
12 pt

Complete team information

- PI Information: name, college, major, email, and home department
 - Team Member Information: names, college, major, emails, and home department
 - Faculty Advisor(s) Information: name, department, and email
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Statement of Need/ Project Description	<ul style="list-style-type: none"> - Area of research: Bridging Physical Distance or Creating the Future of Work - 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	<ul style="list-style-type: none"> - Describe the activities that will be conducted as part of your project
Goals and Objectives	<ul style="list-style-type: none"> - Describe the overall outcome your project aims to achieve - Describe project outputs - Describe plans for future funding, exhibition, etc.
Plan for Evaluating Project Success	<ul style="list-style-type: none"> - Describe how you will determine if your project has been successful - Describe anticipated outcomes and deliverables
Timeline	<ul style="list-style-type: none"> - Timeline should begin after February 19, 2021 and end by May 3, 2021. Please specify if a longer timeline is required. - Budget and Budget Justification <ul style="list-style-type: none"> • Total budget request • Budget justification and amounts requested for <ol style="list-style-type: none"> 1. Equipment 2. 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

4 Broader impact of the project

5 Timeline

6 Clear outcome and deliverables

7 Alignment with project categories and/or themes