Request for Proposals:
ICAT Research Fellowship

Submission Due Date
December 9, 2022 (5:00pm EST)

Awards Announced
January 27, 2023

SUMMARY

The Virginia Tech Institute for Creativity, Arts, and Technology (ICAT) advances research, innovation, and education by bringing together faculty and students across disciplines; providing funding, space, support, and expertise; and building mutually beneficial partnerships beyond campus.

ICAT invites applications for a one semester faculty research fellowship. These funds can be used to buy out an additional semester following university approved research leave. Faculty can pursue a range of transdisciplinary activities including creative projects, pilot studies, feasibility studies, or preliminary research. In addition to a semester buy out, ICAT may also provide up to $5,000 in funding to support undergraduate student research.

ELIGIBLE INVESTIGATORS

Tenured faculty members, or faculty members on continued appointment, with the rank of associate professor or higher, holding full-time faculty appointments and having accrued a minimum of six years of service, are eligible to request research leave from their home departments in accordance with university faculty policies.

ICAT seeks to diversify affiliated faculty 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.

FUNDING INFORMATION

- Funds will be awarded for Fall 2023 or Spring 2024
- Funds will be transferred to the recipient's home department to administer.
- The repayment requirement and requirement for return to full time service described in the Memorandum Agreement for research assignment or study-research leave applies only to that leave, it does not include the additional semester a faculty member is bought out with ICAT funds.

AREAS OF ICAT RESEARCH INTEREST

All of ICAT's research areas will be considered. Areas of particular interest include:

Creating the Future of Work - 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. ICAT seeks to support research that explores the complexities of a future of work that is creative (in process), integrated (in discipline), inclusive (of all identities), distributed (in space and time), equitable (in its distribution of ownership and income), and symbiotic (with technological, institutional, organizational, and social innovation).

Empowering Data: Pioneering new possibilities with data. As our data-filled world continues to expand it becomes increasingly difficult to manage and make sense of the overwhelming amounts of information. New data analysis approaches are needed to uncover the hidden patterns and trends that lead to scientific advances. This work explores and presents data in some unexpected and surprising ways, introducing new perspectives that can pave the way for life changing discoveries.

Amplifying the Arts: Art and technology continually define and redefine our world. Art provides a powerful lens for viewing the world and opens up the possibilities to traverse domains, often in the most unexpected ways. Here we see how the collision of art, technology, and experimentation drive innovation in all directions. This work demonstrates how technology can advance artistic practice and how art and design can elevate and improve scientific discovery and output.

SUBMISSION PROCESS

Email a PDF copy of your submission including cover page with all necessary signatures to
Holly Williams at **hmccall@vt.edu** by 5:00pm on December 9, 2022.

SUBMISSION GUIDELINES

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

T Times New Roman
12 pt

limited to
5 pages (including images)

Complete faculty

- Faculty Name, Emails, Home Department
- Proposed budget
    - Please indicate the dollar amount of your current AY salary that must be covered, up to one semester
- Copy of application letter to the provost's office including detailed description of the proposed leave or other scholarly project, location of activity, and relevance of the activity in contributing to the faculty member's own scholarly research program

Statement of Need/ Project Description	- Statement of innovation
	- Linkage to ICAT research areas (see second page)
	- Where project work will happen and if technical resources from ICAT are needed
	- Describe in detail how you will involve undergraduate students in your research
	- Describe how this work will create an enduring change to ICAT or the larger Virginia Tech Community
Methods and Strategies	- Describe the activities that will be conducted as part of your fellowship
Goals and Objectives	- Describe the overall outcome your project aims to achieve
	- Describe project outputs
	- Describe plans for future funding, exhibition, etc.
Engagement with ICAT and University Community	- Describe envisioned engagement with the VT community in support of ICAT
	- Examples include but are not limited to workshops, concerts, installations
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 with fall academic semester 2023 or spring academic semester 2024

REVIEW CRITERIA

The proposals will be reviewed by the Institute Executive Director, Deputy Executive Director, and faculty reviewers, and then evaluated based on the following criteria:

1 Intellectual merit and innovation

2 Interdisciplinary nature of the faculty's work

3 Link to the ICAT mission

4 Broader impact of the research

5 Potential channels to advance the proposed research

6 Clear outcome, deliverables, engagement plan

After the proposals are reviewed, the applicant may be asked to meet with the review committee.

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