

ICTAS FUNDING OPPORTUNITIES FY24



The primary mission of ICTAS is to increase externally funded research through development of interdisciplinary faculty teams that focus on research at the intersection of engineering and science. All funding requests will be evaluated on the investigator's ability to secure external funding and grow research programs. Additional details regarding application instructions and review processes can be found at ictas.vt.edu/research/funding. Last updated 10/23/2024.

PROGRAM	DESCRIPTION	CONTACT	DUE DATE	AWARD DATE
Virginia Tech Presidential Postdoctoral Fellowships	This fellowship seeks to strengthen the university's ability to recruit outstanding, diverse postdoctoral associates and prepare these exceptional researchers for the next step in their careers. Fellows will receive two-year appointments with nationally competitive salaries and benefits, \$10,000 for training and professional development expenses, and mentoring and professional development. Candidates may be from any discipline or field; fellowships will be awarded in Research Frontiers and Cybersecurity tracks. The program is jointly sponsored by the Commonwealth Cyber Initiative, the Fralin Life Sciences Institute, and ICTAS.	Chris Smith christsmith@vt.edu 1-1951	Cycle 1: 3/1/2024 Cycle 2: 10/1/2024	Cycle 1: 4/15/2024 Cycle 2: 11/15/2024
ICTAS Diversity and Inclusion Research Grants	The objective of this program is to build direct faculty-to-faculty research partnerships between faculty at Virginia Tech and faculty at HBCUs or MSIs. Faculty will self-identify partnerships based on their specific research areas. ICTAS will offer up to \$10,000 per year for two years to support the faculty partnership, with up to 10 partnerships funded. Requirements for accepting the funding include presenting your project at the following year's HBCU-MSI Summit (typically held mid-October) and participating in related, on-going diversity work and activities through ICTAS. One award will be jointly sponsored by ICTAS and the Institute for Creativity, Arts and Technology (ICAT); submissions designated for this award must include a significant arts and/or design component. This award will be funded at \$20,000 per year for two years and will carry additional responsibilities.	Chris Tysor ctysor@vt.edu 1-9716	4/18/2025	June 2025
ICTAS EFO-O Grants	The Engineering Faculty Organization - Opportunity (EFO-O) Seed Investment Grant supports transdisciplinary projects led by Virginia Tech engineering faculty, with the goal of increasing the chances of success for subsequent proposals for external funding. In FY24, up to 10 one-year \$10,000 seed grants will be awarded. Research teams must be headed by a faculty member in the College of Engineering and include faculty from multiple departments and/or colleges.	Pamela VandeVord pvord@vt.edu	9/27/2024	11/1/2024
ICTAS-NCFL Mini-grants	NCFL offers limited 50/50 cost matching support to Virginia Tech personnel for (a) instructional purposes and demonstrations, (b) to collect preliminary data for external proposals, and (c) to initiate transdisciplinary collaborations.	Matt Hull mahull@vt.edu 1-5812	11/1/2024	12/6/2024

ICTAS FUNDING OPPORTUNITIES FY24 (CONTINUED)

PROGRAM	DESCRIPTION	CONTACT	DUE DATE	AWARD DATE
Roop and Kavita Mahajan Research Fund	This program funds student-led interdisciplinary projects in health, education, and infrastructure. Projects should be in the field of community development, related to the overall goal of addressing problems of poverty and negligence in under-resourced communities around the world. Support is variable subject to the availability of funds, but in general, ICTAS will fund up to five awards of up to \$2500.	Chris Tysor ctysor@vt.edu 1-9716	12/6/2024	1/10/2025
Coalition for Smart Construction at Virginia Tech	The Coalition for Smart Construction (CSC) is a university, industry, and government collaboration established to serve as a catalyst for change in the built environment, including how humans interact with the built environment in all aspects of life: work, play, and learning. The CSC will bring partners from industry together with research and development experts at Virginia Tech to modernize the construction industry. By leveraging and integrating transdisciplinary strengths of Virginia Tech in key fields with private sector support, the CSC will develop a world-class integration and prototyping facility poised to tackle the construction industry's biggest challenges.	Jon Porter jon.porter@vt.edu	10/28/2024 at 5:00 pm	12/1/2024
NCFL Faculty Fellows Salary Investment Program	The NCFL Faculty Fellows Program offers faculty funding (\$22,500/award) with the goals of: advancing nano-enabled research at Virginia Tech, enhancing NCFL capabilities, and increasing the likelihood of securing external funding. Awardees must be a faculty member, use NCFL tools, collaborate with core facility team members, and plan to accomplish the goals listed above. The NCFL Faculty Fellows award may be used in combination with NCFL Mini Grant funding, and such usage is highly encouraged. The review process will evaluate proposals based on the following criteria: research plan, likelihood of advancing nano-enabled research at Virginia Tech, enhancing NCFL capabilities, and securing external funding.	Matt Hull mahull@vt.edu 1-5812	11/01/2024	12/06/2024