Research Opportunities

Through grants, awards, and other initiatives, the College of Engineering and Computing at George Mason University supports students, faculty, and staff in exploring cutting-edge research topics. Here are some highlights:

**EnergyTech University Prize (EnergyTech UP)**: A prize from the U.S. Department of Energy's Office of Technology Innovation and Transformation, Science-Based Models for an Environmentally Equitable Future. This competition invites proposals on Climate Security and Technology Innovation and Transformation.

**2023 FAA Data Challenge** and **2023 FAA Airspace Challenge**: Challenges designed for undergraduate students, graduate students, and faculty members. These projects will explore a central theme, a technology that is a focus for commercial development.

**DTx, Digital Therapeutics**: An emerging field that applies digital techniques and technologies to health and healthcare. The Office of the Provost is excited to offer grants for Summer Team Impact Projects (STIP) for Summer 2023.

**Graduate Program for Diversity and Inclusion in Advanced Research (IDIA)**: A program that supports the diversity and inclusion of women and underrepresented minorities in computing fields. Graduates are invited to apply for the Cohort 2023 Workshops.

**CCI Fellows Program 2022**

**Distributed Research Experiences for Undergraduates (DREU)**: A program that provides undergraduate students, graduate students, and faculty members with an opportunity to collaborate on research projects.

**Applications Open for Grad Cohort 2023 Workshops**

** Africans in Computing (AIC)**: A program that aims to increase the diversity of women and underrepresented minorities in computing fields.

**College of Engineering and Computing Emerging Researchers (CECER)**: A program that supports the research of early-career faculty members.

**ORAU**

**2023 Annual Council Meeting**

**Climate Security and Technology Innovation and Transformation**

**Virtual Workshop**

**ORAU** would like to invite you to attend our 2023 Annual Council Meeting focused on Climate Security and Technology Innovation and Transformation. Your participation will provide you with a unique opportunity to discuss key technology, economic, and policy challenges and their role in advancing the U.S. net-zero goals. This meeting is free to ORAU members and encourages elected officers, representatives from academic and research institutions, government agencies, and industry leaders to attend.

**Apply by** November 30, 2022.

**Register by** December 16, 2022.

**Transitions** is now accepting applications for the CECER program. Apply by January 15, 2023.

**Cohort participants** will have an opportunity to build mentoring relationships and develop peer networks with other CECER participants and faculty mentors.

**Students** interested in learning about cutting-edge clean energy tech, take note: The next round of the EnergyTech UP Business Plan Competition Offers $370K to Students. Note that the deadline for the competition is January 15, 2023.

**February 28, 2023**

**Applications** are due by February 28, 2023.

**TrueRemove**

**International Symposium on DTx, Digital Therapeutics**

**Development of Li-Air Batteries Battery Lithium Materials Science**

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**Election Security Hackathon**

**February 28, 2023**

**Applications** are due by February 28, 2023.

**Join the dynamic multidisciplinary faculty network** focused on digital techniques and technologies to health and healthcare.

**DREU**

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