



THE WEEKLY



UPCOMING EVENTS

2025 NSF Career Cohort



2025 NSF CAREER Cohort

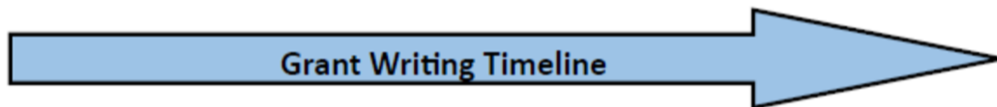
Goal: Enhance faculty competitiveness for NSF Faculty Early Career Development Program ([NSF-22-586](#)) through structured writing process, mentorship and grant writing resources.

Eligibility: Assistant Professors who meet NSF CAREER [Eligibility](#).

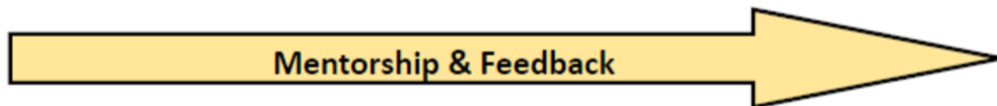
Program Duration: February to June, 2025

Time Commitment: 4 workshops (2 hours) monthly meeting with mentor (1 hour), weekly writing time (suggested 0.5-3 hours)

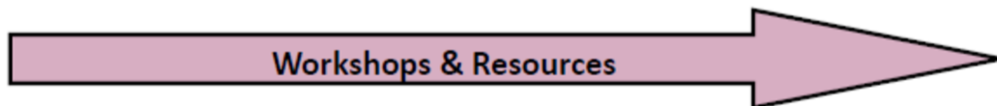
Program Elements



Three Writing Deadlines: March 17-Summary (1 page); April 18 Project Draft (page limit open); May 16 Project Description (15 pages)



Each participant assigned senior George Mason faculty mentor. All complete Project Descriptions receive external review from two faculty members outside of George Mason.



February 12 12 pm to 2 pm: Program Kickoff (In person and virtual)

February 26 1 pm to 3 pm: ATG NSF CAREER Awards Part 1 (virtual)

March 5 3 pm to 5 pm: ATG NSF CAREER Awards Part 2 (virtual)

Samples of NSF CAREER Awards, Grant Writing Handbooks, Workshop recordings*

*ATG workshops cannot be recorded

Register [here](#)

STEMWorking - Intro to STEM Professional Networking

Plan today for the jobs of tomorrow! Join Career Pathways Director Kerin Hilker-Balkissoon for a virtual seminar series tailored to the unique needs of our STEM student community.

When: Thursdays, January 23, from 4:00 to 4:45 pm.

Join [here](#)

How to Develop a Course Designed and Delivered by AI, with Applications to Teaching Statistics

Explore “*How to Develop a Course Designed and Delivered by AI, with Applications to Teaching Statistics.*” This workshop, presented by Farrokh Alemi, PhD, Sanja Avramovic, PhD, and Health Services Research Doctoral Student Yili Lin, focuses on (1) setting course content using AI, (2) developing video lectures using avatar and AI, (3) deploying intelligent tutors, and (4) evaluating students work. The focus is on how faculty can use AI to save time and be more effective, and not on the use of AI by students. The workshop applies to any type of course, including courses that do not use statistics or are not focused on computers.



When: Friday, February 7, 12:00 p.m. – 1:00 p.m.

Where: Population Health Center, Multipurpose Room (MPR) or via Zoom.

RSVP [here](#)

VARIOUS OPPORTUNITIES

ETS Summer Internship Program

ETS is now accepting applications. Interns gain hands-on work experience while receiving comprehensive training in a supportive environment. Internship opportunities exist in corporate, educational assessments, technology, and product innovation. Applications are reviewed on a rolling basis.

Apply [here](#)

RaMP-UP Fellows Program

RaMP-UP Fellows spend a year engaged in BioDiversity studies with Smithsonian Tropical Research Institute (STRI) scientists. You will be embedded in the tropical landscapes of Panamá, practicing cutting-edge and rigorous methodologies to make a lasting impact on Tropical BioDiversity.

Get a stipend of \$32,000 for a full year of participation. A roundtrip ticket to Panamá and lodging while at Smithsonian Tropical Research Institute facilities is included. Come away with a robust research experience, scientific products, an international professional network, a peer network, and strong mentors to advocate for your career. *Applications for the 2025-2026 program will open on January 15, 2025 and close March 16, 2025.*

Apply [here](#)

AWARDS

Congratulations to:

Zhang, Xiaokuan from the [College of Computing and Engineering](#) for receiving the College of William and Mary grant on *All in One: A Multitask LLM-Based Vulnerability Detector with Conversational Assistance*.

Simon, Robert from the [College of Computing and Engineering](#) for receiving the US Department of Defense (US DOD) grant on *Time Series Analysis*

Yu, Lap Fai from the [College of Computing and Engineering](#) for receiving the National Science Foundation (NSF) grant on *EAGER: TaskDCL: Adapting Mixed Reality Training Programs to Real-World Scenes to enhance Human-AI Teaming in Emergency Responses*

Luo, Lannan from the [College of Computing and Engineering](#) and Co PI **Zeng, Qiang** for receiving the Virginia Innovation Partnership Authority grant on *Meta-Architecture Binary Code Analysis: Multi-ISA Deep Learning Analysis Leveraging Single-ISA Data*

FUNDING OPPORTUNITIES

[National Human Genome Research Institute/NIH/DHHS - RFA-HG-23-026--Informatics Tools for the Pangenome \(U01 Clinical Trial Not Allowed\)](#)

Deadline: March 3, 2025

[National Science Foundation - Emerging Mathematics in Biology](#)

Deadline: March 3, 2025

[Comcast Corporation - Innovation Fund -- General Research Grants](#)

Deadline: Continuous Submissions

***If a funding opportunity limits the number of applications the university can submit, it will be posted and managed through the Research Development Services office. Please contact limited@gmu.edu or Sheila Davis sdavis46@gmu.edu if you have questions or are unsure if the opportunity is a limited submission opportunity.

— IDIA AFFILIATION —

Did you know that, as an IDIA faculty affiliate, you are eligible to:

Compete for [internally funded IDIA projects](#)

Receive support for [IDIA-relevant events](#)

Become part of the [dynamic multidisciplinary faculty network](#) focused on digital techniques and technologies to advance fields as diverse as finance, education, built infrastructure, science, economics, agriculture, health, transportation, entertainment, national security, and social justice.

There is no financial burden to you or your departments for affiliation with the institute. Participation in IDIA does not prevent its members from being associated with other university centers. If you are not already affiliated, we encourage you to submit your profile [here](#).

— SHARE WITH US —

We are eager to hear from you! As we work with your colleges to compile updates on digital innovation-related research activities at Mason, we would love to hear about your research activities, awards, and recent publications. Please share any successes, concerns, or ideas with us at idia2@gmu.edu





[Manage](#) your preferences | [Opt out](#) using TrueRemove™

Got this as a forward? [Sign up](#) to receive our future emails.

View this email [online](#).

George Mason University | 4400 University Drive
Fairfax, VA | 22030 US

This email was sent to .

To continue receiving our emails, add us to your address book.

[Subscribe](#) to our email list.