

Announcements

SRI2023 Call for Contributions

The [SRI2023 Call for Contributions](#) is now open! This is an opportunity to shape the SRI2023 program and highlight your work and priorities. **Please consider submitting a proposal by December 21, 2022.**

SRI is rapidly establishing itself as the leading global gathering for sustainability science and innovation. Building on the success of the first two SRI congresses, SRI2021 in Australia, and SRI2022 in South Africa, we are expecting SRI2023 to bring together more than 2000 people from all over the world for action-forward discussions about sustainability in Panama. In addition to proposals for contributions, we welcome other ideas for collaboration in the context of SRI2023, from sponsored sessions to remote events.

Feel free to get in touch via sri@futureearth.org! More details and how to submit a proposal is [available here](#).



SRI2023 Themes



1. Turning the Tide for Climate: Collaborative Action for Institutional Transformation
2. Healthy and Inclusive Communities
3. A Peaceful Planetary Mind
4. Latin America and the Caribbean Science and Innovation for Sustainability

As part of its University Innovation Exchange (UIX) initiative, MITRE is partnering with universities to offer technical advisors and capstone project ideas that reflect real problems facing the United States government. The **MITRE Capstones Project Portal** is a web-based platform for university faculty and students to browse, select, and execute capstone projects with a MITRE technical advisor. There are several exciting opportunities currently on the Project Portal. You can review the full list [here](#).

25Live Guide – Feature Your Sustainability Events

The [Office of University Events](#), the [Institute for a Sustainable Earth](#), and the [Office of Sustainability](#) collaborated to develop this [25Live Guide](#) to increase the visibility of and engagement with your sustainability-focused events at Mason. 25Live is Mason's institution-wide event and academic scheduling system which dovetails with unit calendars such as [Today@Mason](#). Please use this [25Live Guide](#) to ensure your sustainability-focused events, whether they are in-person or virtual, are featured on Today @ Mason and through ISE and the Office of Sustainability.

ISE Faculty Profiles

The [ISE faculty directory](#) is a tool for you to find others with complementing expertise and for external and internal audiences to find you! If you haven't yet submitted your research profile information for the directory, **please complete your profile [here](#)**.

In the News

- [Keeping Fairfax Warm](#), College of Education and Human Development News, November 22, 2022.
- [Mason hosts international symposium on digital therapeutics](#), Campus News, November 22, 2022.
- [Afghan human rights attorney reaches safety in United States](#), School of Business News, November 22, 2022.
- [Black Lives Matter movement inspires student/faculty collaborative DEI research on developing a race equity culture](#), School of Business News, November 18, 2022.

Upcoming Mason Events

How History Writes the Present: A Conversation with Anne Applebaum

Monday, November 28, 2022 3pm - 4:15pm ET

Registration

This lecture is part of George Mason University College of Humanities and Social Sciences's Fall 2022 Lecture Series, "Russia's War on Ukraine in Historical Perspective." [Anne Applebaum](#) has built a career over the past 25 years as a wide-ranging public intellectual--a renowned popular historian of Ukraine, eastern Europe, and the Soviet Union and a highly-respected columnist and staff writer focused on politics not only in eastern Europe but also in the United States. How is her historical research reflected in her writing on current events? How does her work on the history of the Gulag, the Sovietization of eastern Europe, or the Holodomor inform her understanding of Russia's criminal war on Ukraine? Applebaum will answer these questions and many more in a wide-ranging and open conversation and q&a about how history writes the present.

Anne Applebaum is a staff writer for The Atlantic and a Pulitzer-prize winning historian. She is also a Senior Fellow at the Johns Hopkins School of Advanced International Studies and the Agora Institute, where she co-directs Arena, a program on disinformation and 21st century propaganda.

This lecture will be moderated by [Steven Barnes](#), Director of the [Program in Russian and Eurasian Studies](#) and Associate Professor in the [Department of History and Art History](#) at George Mason University.

Environmental Justice as Conflict Resolution: Democratizing Communities & Classrooms through Practice, Planning, & Public Engagement

Tuesday, November 29, 2022, 11am ET

Registration for in-person

Registration for virtual

The [Jimmy and Rosalynn Carter School for Peace and Conflict](#) is hosting a lecture on "[Environmental Justice as Conflict Resolution](#)" with Dr. [Lemir Teron](#). Dr. Teron is an Assistant Professor at the SUNY College of Environmental Science & Forestry in the Department of Environmental Studies. His research focuses on urban sustainability, energy policy and environmental justice.

Dr. Teron was awarded the 2019 Distinguished Faculty Member for Teaching Excellence Award by the SUNY ESF Undergraduate Student Association. He received a 2020 Unsung Hero Award at the 35th Martin Luther King Jr. Celebration in Syracuse, New York for his commitment to racial and environmental justice. Dr. Teron earned his PhD from the University of Delaware and completed a NOAA supported postdoc at the Environmental Cooperative Science Center at Florida A&M University.

Hubs of Illicit Trade Event: Free Trade Zones and Enablers


Wednesday, November 30, 2022, 10am - 11:30am, ET

Registration


Join the [Terrorism, Transnational Crime and Corruption Center \(TraCCC\)](#) for the next virtual webinar on Free Trade Zones and Enablers, part of our ongoing Hubs of Illicit Trade project.

Across today's economies, supply chains, and online marketplaces, illicit trade remains a pernicious threat that has enormous costs for governments, businesses, and communities. A significant proportion of the trafficking in illicit goods and contraband can be traced to an interlinked network of routes, financial safe havens, and trade hubs that not only enable illicit economies, corruption, and money laundering but also help fuel greater insecurity and instability across borders. Based on our new research on illicit trade hubs in Dubai, Central America, and the Tri-Border Area (Brazil/Argentina/Paraguay), this event will use case studies to examine the impacts of FTZs on the facilitation of illicit trade and the converging criminal threats that multiply harms across regions.

Terrorism, Transnational Crime and Corruption Center (TraCCC)



The Terrorism, Transnational Crime and Corruption Center (TraCCC) is the first center in the United States devoted to understanding the links among terrorism, transnational crime and corruption, and to teaching, researching, training and helping to formulate policy on these critical issues. TraCCC is a research center within the Schar School of Policy and Government at George Mason University.



Hubs of Illicit Trade: Crime Convergence and the Enabling Environment

Join TraCCC for the next virtual webinar from the Hubs of Illicit Trade (HIT) project. Across today's economies, supply chains, and online marketplaces, illicit trade remains a pernicious threat that has enormous costs for governments, businesses, and communities. A significant proportion of the trafficking in illicit goods and contraband can be traced to an interlinked network of routes, financial safe havens, and trade hubs that not only enable illicit economies, corruption, and money laundering, but also help fuel greater insecurity and instability across borders. Based on our new research on illicit trade hubs in Dubai, Central America, and the Tri-Border Area (Brazil/Argentina/Paraguay), this event will use case studies to examine the impacts of crime convergence and the enabling environment on the facilitation of illicit trade and new criminal threats that multiply harms across regions.

PANELISTS:

- **Dr. Christian Vianna de Azevedo:** Under Secretary of Justice and Public Security for Intelligence, Joint Operations and Integration, Department of Justice and Public Security in the State of Minas Gerais – Brazil
- **Daniel Rico:** Founder and General Director, C-Análisis
- **Dr. Rashmi Singh:** Associate Professor, PUC Minas, Brazil; co-founder and co-director, Research Network on Terrorism, Radicalization and Transnational Crime (TRAC); Coordinator, Laboratory for Research and Projects in International Relations, PUC Minas
- **Dr. Yulia Krylova:** Research Scholar, TraCCC; Data Analyst, World Bank Group
- **Dr. Jorge Lasmar (moderator):** Professor, PUC Minas, Brazil; co-founder and co-director TRAC; CEO Agama BT; Director of Legal Affairs of the International Association for Security and Intelligence Studies (INASIS), Regional Coordinator of the Terrorism Research Network (TRI)

DATE: November 30, 2022
TIME: 10:00 – 11:30 a.m. EST
REGISTER: [Click Here](#)

Terrorism, Transnational Crime and Corruption Center (TraCCC) • Schar School of Policy and Government • George Mason University
3351 Fairfax Drive MS 381, Arlington, VA 22201 • tracc@gmu.edu • tracc.gmu.edu • +1 (703) 993-9757

IIR Colloquium Series: A Conversation with Dr. Jielu Lin from NIH on Genomics, Social Networks, and Health Disparities

Wednesday, November 30, 2022, 1pm - 2pm ET

[Registration](#)

The next sessions of the IIR Colloquium Series, hosted by the [Institute for Immigration Research](#), will be held on Wednesday, November 30 at 1pm. Societal implications of genomics have always been a key topic area in medical sociology. This talk features research projects at the Social Network Methods Section of the National Human Genome Research Institute. These projects illustrate how to apply sociological imagination and sociological research methods to the understanding of social issues in translating genomic discoveries for disease prevention, health

promotion and health care improvements, especially in racial/ethnic minority and immigrant populations.



"Good Trouble" Conversation Circle Planning Event

Thursday, December 1, 2022, 12 pm ET

Registration

This fall, George Mason's Office of Community Engagement and Civic Learning (CECIL) and university faculty have been leading a series of "Good Trouble" conversation circles to support Mason students in engaging in social activism. We invite Mason students and campus organization representatives to participate on **Thurs., Dec. 1st at noon** in a discussion of how we can build the "Good Trouble" community at the university in 2023: growing the campus community, networking, creating support and communications, exchanging ideas, and thinking about common strategies. This meeting will focus on what the goals should be for the series of conversations this spring.

The conversation will be held in **Room 227D of the Johnson Center**, located within the **Communication Center/Lab for Writing and Communication**. Pizza lunch with vegetarian and gluten free options will be provided. Please RSVP [here](#).

From Server Farm to Vertical Farm: A Case Study of Building Adaptive Reuse

Thursday, December 1, 2022, 5pm ET

Registration

251 Exchange Pl, Herndon, VA 20170

Join the Center for Real Estate Entrepreneurship for an on-site case study tour featuring the firm Beanstalk which is building the farm of the future by refurbishing commercial buildings with indoor vertical gardens. Their newest urban vertical farm repurposes a long-vacant and obsolete data center in Herndon with a fully automated indoor farm.

Co-founders Mike and Jack Ross will talk about their venture and vision for sustainable farming. Growing salad greens, herbs, and mushrooms, this vertical indoor farm doesn't need pesticides, is not limited to growing seasons, and helps the environment by recycling water and reducing carbon emissions with a growing system that is 100x more productive.

For more information, please contact: [Eric Maribojoc](#).

Mason Vision Series: Real Characters, Imagined Events: Celebrities and Historic Figures as Fodder for

the Stage

Wednesday, December 7, 2022, 7pm - 8pm ET

Registration

The Mason Vision Series is a forum for Mason researchers and scholars to share their work with both university colleagues and the community more generally. The final lecture of the Fall 2022 Speaker Series will feature Djola Branner, Director of the School of Theater.

From ancient Greek myths to Broadway musicals such as Hamilton, Tina, and Evita, audiences love stories rooted in historic fact. In the end, it's all about the possibility of 'what might have happened' that captures audiences. Djola Branner will look at how contemporary playwrights and directors are weaving fact and fiction, and creating theater that is at once entertaining, thought provoking and inspiring. He will examine some popular stories, and share his own experiences weaving real characters and imagined events for the stage.

Funding Opportunities

Analytics for Equity Initiative pre-solicitation notices posted

The National Science Foundation (NSF) is piloting the Analytics for Equity Initiative to support social, economic and behavioral sciences research that leverages federal data and scientific advances in researching equity-related topics for greater public benefit.

Led by NSF and in partnership with the White House Office of Science and Technology Policy, the White House Office of Management and Budget and other federal agencies, the initiative links interested researchers directly with federal agencies seeking to answer research questions captured in their learning agendas in equity-related research themes.

Proposed budgets may not exceed \$75,000 and NSF plans to invest up to \$1 million in contracts, subject to the availability of funding. Funded researchers are expected to: familiarize themselves with agency needs by engaging with relevant federal stakeholders, find and engage relevant data assets, conduct initial exploratory analyses, and develop larger-scale research agendas.

Pre-solicitation notices are posted (from 11/14/2022 until 12/9/2022). To review the pre-solicitations and learn more about the initiative, please visit the Analytics for Equity web page.

For any remaining questions, please contact NSF at eac@nsf.gov with subject line "Analytics for Equity Initiative."

NEH: Cultural and Community Resilience

Deadline: January 12, 2023

The Cultural and Community Resilience program supports community-based efforts to mitigate climate change and COVID-19 pandemic impacts, safeguard cultural resources, and foster cultural resilience through identifying, documenting, and/or collecting cultural heritage and community experience. The program prioritizes projects from disadvantaged communities in the

United States or its jurisdictions, and NEH encourages applications that employ inclusive methodologies.

- **Anticipated Funding Amount:** \$150,000
 - **Contact:** Division of Preservation and Access Team, preservation@neh.gov
-

NSF: Security and Preparedness (SAP)

Deadline: January 15, 2023

The Security and Preparedness (SAP) program supports basic scientific research that advances knowledge and understanding of issues broadly related to global and national security. Research proposals are evaluated on the criteria of intellectual merit and broader impacts; the proposed projects are expected to be theoretically motivated, conceptually precise, methodologically rigorous, and empirically oriented. Substantive areas include (but are not limited to) international relations, global and national security, human security, political violence, state stability, conflict processes, regime transition, international and comparative political economy, and peace science. Moreover, the Program supports research experiences for undergraduate students and infrastructural activities, including methodological innovations.

- **Contact:** Paul Huth, Program Director, phuth@nsf.gov
-



DARPA-RA-23-01, Young Faculty Award (YFA)

The Defense Advanced Research Projects Agency (DARPA) Young Faculty Award (YFA) program aims to identify and engage rising stars in junior research positions in academia and equivalent positions at non-profit research institutions, particularly those without prior DARPA funding, to expose them to Department of Defense (DoD) needs and DARPA's mission to create and prevent technological surprise. The YFA program will provide high-impact funding to elite researchers early in their careers to develop innovative new research that enables transformative DoD capabilities. Ultimately, the YFA program is developing the next generations of researchers focused on national security issues.

Before preparing an executive summary or proposal submission, proposers are encouraged to review the DARPA mission statement and current program descriptions at the DARPA website <https://www.darpa.mil> to familiarize themselves with examples of current DARPA investments. This is not meant as instruction to duplicate those efforts, but rather to illustrate that current programs are aimed at research that will substantially advance our capabilities in these areas. Once awards are made, each YFA program performer will be assigned a DARPA Program Manager with interests closely related to their research topic. The Program Manager will act as project manager and mentor to the YFA award recipients.

DARPA is soliciting innovative research proposals in the areas of interest to DARPA's six technical offices: Biological Technologies Office (BTO), Defense Sciences Office (DSO), Information Innovation Office (I2O), Microsystems Technology Office (MTO), Strategic Technology Office (STO), and Tactical Technology Office (TTO). Further detail regarding the specific technical areas of interest can be found under Section I.D "Topic Areas (TAs)." Proposed research should investigate innovative approaches that enable revolutionary advances in science, devices, or systems. Specifically excluded is research that primarily results in evolutionary improvements to the existing state of practice. Submissions responding to a TA under this RA should clearly describe the relevance and impact of the proposed concept(s) for addressing the national security challenges identified in the TA description (Section I.D); the current state-of-the-art technology; new insights to address the TA challenges; a credible research plan and schedule; and critical, quantitative milestones to be pursued over the research period.

Additional information regarding this RA can be found at the following link: <https://sam.gov/opp/3dbad13f36ac46ba9b887ce25abd1059/view>

Questions regarding this RA should be emailed to YFA2023@darpa.mil.

NSF Using the Rules of Life to Address Societal Challenges (URoL:ASC)

Wednesday, February 15, 2023

Using the Rules of Life to Address Societal Challenges (URoL:ASC) will support use-inspired research that builds on knowledge from previous investments in the NSF "Big Ideas", including in the Understanding the Rules of Life program. The Big Ideas were designed to position the Nation at the cutting edge of global science and engineering by bringing together diverse disciplinary perspectives to support convergent research (see details here). The goal of the Understanding the Rules of Life Big Idea was to develop predictive understanding of how key properties of living systems emerge from interactions of factors such as genomes, phenotypes, and evolving environments. Examples of projects that have examined some of these rules can be found here. Following from the fundamental principles revealed from these and related projects, an important goal of the current solicitation is to use the predictive capability of rules of life to address some of the greatest challenges we currently face as a society.

- **Anticipated Type of Award:** Standard Grant or Continuing Grant
- **Estimated Number of Awards:** 10 to 15
- **Anticipated Funding Amount:** \$28,000,000

Estimated program budget, number of awards and average award size are subject to the availability of funds.

To learn more, click [here](#).



20th Annual People, Prosperity and the Planet (P3) Now Open: P3 20th Annual RFA

October 4, 2022 – February 1, 2023

Registration

EPA's People, Prosperity, and the Planet's (P3) Program is seeking applications from teams of U.S. college students proposing to research, develop, and design solutions to real-world challenges that respond to the needs of people across the U.S, including those in small, rural, tribal, and underserved communities. P3 highlights the use of scientific principles in creating innovative technology-based projects that achieve the mutual goals of improved quality of life, economic prosperity and environmental protection.

Using a team approach, P3 empowers undergraduate/graduate college students to transform classroom learning through hands-on experience to create tangible solutions to environmental issues in their communities.

EPA is looking for research in the areas of clean and healthy air, clean and safe water, safeguarding and revitalizing communities, and ensuring the safety of chemicals.

Applications may incorporate climate change and environmental justice as appropriate.

Please visit the [P3 webpage](#) for more information.

Student Opportunities

Global Sustainability Scholars

The Global Sustainability Scholars (GSS) application process is **now open** and will accept applications through **January 15, 2023**.

The online application can be found at: <https://www.gsscholar.org/apply>.

The Global Sustainability Scholars program brings together talented undergraduates and graduates for a paid summer immersive experience, where students travel abroad, conduct research, and build their professional network in real-world sustainability issues. GSS is focused on diversifying the field of sustainability researchers and practitioners.

The GSS Scholars Program offers students a two-year summer experience. During the two summers students will travel abroad (while locations are yet to be determined, they will likely consist in European countries), students will learn about sustainability issues and conduct

research, and they will build their professional network. GSS will cover round-trip airfare to the host site and home, lodging, and a stipend for students.

The GSS Fellows Program offers a 10-week paid immersive training and mentoring with a global sustainability organization. Fellows will gain professional work experience, receive professional mentorship and professional development training, and build an international professional network in sustainability science

For more information about eligibility, 2023 summer projects, and the network check out the [website](#)!

Ford Foundation Fellowship Programs

Through its program of fellowships, the [Ford Foundation](#) seeks to increase the diversity of the nation's college and university faculties by increasing their ethnic and racial diversity, maximize the educational benefits of diversity, and increase the number of professors who can and will use diversity as a resource for enriching the education of all students.

Predoctoral, dissertation, and postdoctoral fellowships are awarded in a national competition administered by the National Academies of Sciences, Engineering, and Medicine on behalf of the Ford Foundation.

Awards will be made for study in research-based Ph.D. or Sc.D. programs; practice oriented degree programs are not eligible for support (see eligible fields). Prospective applicants should carefully review the eligibility requirements, the terms of the fellowship awards, application instructions and other information pertaining to the individual fellowship (Predoctoral, Dissertation, or Postdoctoral) for which they are applying.

2023 Competition Dates

2023 Dissertation and Postdoctoral application deadlines

December 8, 2022

5:00 PM Eastern Standard Time (EST)

2023 Predoctoral application deadline

December 15, 2022

5:00 PM Eastern Standard Time (EST)

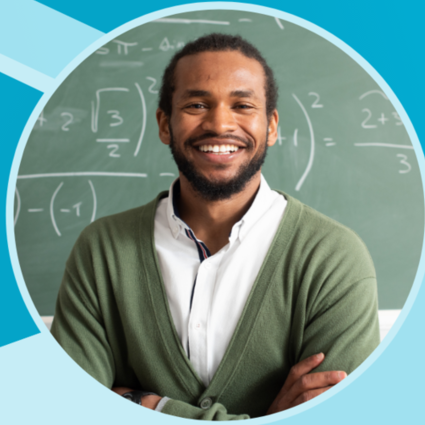
Supplementary Materials deadline for submitted applications

January 5, 2023

5:00 PM Eastern Standard Time (EST)

OFFICE OF
FELLOWSHIPS

FORD FOUNDATION FELLOWSHIPS



WHAT IS IT?

The Ford Foundation provides pre-doctoral, dissertation, and post-doc fellowships to students pursuing a career as a professor.

CAN I APPLY?

Ford Fellowships are open to:

- US citizens
- Prospective/current grad students w/high academic achievement
- Individuals committed to career teaching and researching in higher ed

In-Person Info Session: Oct. 12, 2-3pm

Learn about all three fellowships, the application process, and how the Office of Fellowships can help you create a strong application.

Registration required. Register on Mason 360.

EMAIL OFFICE OF
FELLOWSHIPS:
PGFS@GMU.EDU



STORYFEST 2023

WIN AN EXPEDITION TO ICELAND



Planet Forward's 9th Annual Storyfest Competition is Now Open

Deadline: February 6, 2023, at 11:59 p.m. EST

Registration

WASHINGTON, D.C. (Oct. 14, 2022) — Planet Forward, an environmental storytelling platform based at the School of Media and Public Affairs at George Washington University, is pleased to announce the launch of Storyfest 2023, our ninth annual competition rewarding the best environmental storytelling by college students, and our fifth sponsored by partner Lindblad Expeditions.

Winners will travel to Iceland for a six-day voyage with Lindblad Expeditions aboard the National Geographic Resolution in July 2023, with a team of naturalists, photo instructor, and an expedition leader. Our Planet Forward storytellers will explore remote fjords and volcanic isles, while learning how Iceland is fighting water pollution and soil erosion, and of the potential impact of development pressures from tourism and energy production on wilderness areas. "We are thrilled beyond measure to continue our partnership with Lindblad Expeditions for our Storyfest competition," said Frank Sesno, Director of Strategic Initiatives for the School of Media and Public Affairs at GW and Planet Forward Founding Director.

The grand prize will be announced live at the 2023 Planet Forward Summit on April 20, 2023. Students can enter up to three stories in five categories — best science narrative, most compelling character, most creative story, best use of science or data, and best scalable innovation — now through Monday, February 6, 2023, at 11:59 p.m. EST. You can see the complete rules and more information on PlanetForward.org.

The Institute for a Sustainable Earth (ISE) aims to connect members of the Mason community with others across the Mason community—and with other communities, policy-makers, businesses and organizations—so that, together, we can more effectively address the world's pressing sustainability and resilience challenges.

The ISE Newsletter provides up-to-date information on conferences, funding opportunities, and research pertaining to environmental science and sustainability. The biweekly newsletter aims to facilitate information sharing among researchers, practitioners, and relevant local, national, and international organization.



ise.gmu.edu

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