Research Brief

Message from the Senior Associate Dean for Research

Dear Colleagues,

Happy 2023 and welcome back to GWSPH! I hope you were able to spend time with your loved ones and set resolutions for the new year during the holiday break. As exciting as the return to campus is, it is still important that we exercise caution as we deal with the tripledemic; COVID-19, RSV, and flu cases are still on the rise following holiday gatherings. Be sure to get your COVID-19 booster and flu shot, as well as follow GW tips on how to stay healthy so we can ensure a smooth transition back. For updates, visit https://coronavirus.gwu.edu/university-updates.

I am very excited to see what the GWSPH research community will accomplish this spring! The Office of Research Excellence is dedicated to supporting your research through providing access to research related news, grants, funding opportunities, training workshops, ethics and compliance support. Please share your new grant, paper or presentation with us - we would love to highlight the research of our community. If you have any questions please reach out to gwsphresearch@gwu.edu.

Wishing you all luck in your endeavors this spring,

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Adnan Hyder, MD MPH PhD
Senior Associate Dean for Research
Professor of Global Health
Milken Institute School of Public Health

Research Project *Highlight*

Dr. Nirbhay Kumar

Dr. Kumar is a professor in the Department of Global Health at the GWSPH as well as an adjunct professor in the Department of Tropical Medicine at the Tulane University School of Public Health. Before joining the GW research community, he served as William G. Vincent Endowed Professor and Chair of the Department of Tropical Medicine, and Director of a Vector-Borne Infectious Diseases Research Centre at Tulane University, New Orleans.

Now, joined by a team of GW scientists, Dr. Kumar has helped develop two mRNA vaccines that are highly effective in reducing both infection and transmission. The team has adapted the same mRNA technology used for COVID-19 to win the global fight against malaria by targeting the lifecycle of the malaria causing parasite *Plasmodium falciparum.*

"To have a vaccine cocktail that can effectively disrupt multiple parts of the malaria parasite's life cycle is one of the holy grails of malaria vaccine development," Kumar said. "This study brings us one step closer to producing vaccines that can be used safely in humans to prevent illness and save lives, with the ultimate goal of defeating this disease."

Read more about Dr. Kumar's work **here**.

We are proud of our Research!

🗩 Lectures & Events

Join the National Institutes of Health for a

Webinar on:

NIH Data Management & Sharing Policy

Date: January 23, 2023 8 a.m. EST/9 am EDT (is 1 p.m. GMT), 2 p.m. WAT/BST, 3 p.m. CAT, and 4 p.m. EAT
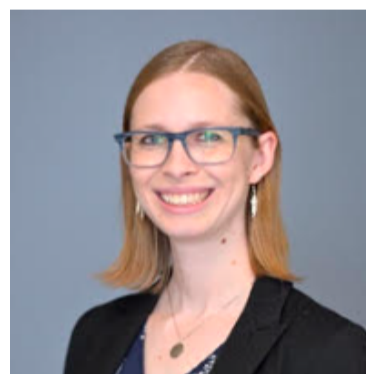
NIH has issued the **Data Management and Sharing (DMS) policy** (effective January 25, 2023) to promote the sharing of scientific data. This Policy establishes the requirements of submission of Data Management and Sharing Plans and compliance with NIH Institute, Center, or Office (ICO)-approved Plans. It also emphasizes the importance of good data management practices and establishes the expectation for maximizing the appropriate sharing of scientific data generated from NIH-funded or conducted research, with justified limitations or exceptions

Under the DMS policy, NIH expects that investigators and institutions:

- Plan and budget for the managing and sharing of data
- Submit a DMS plan for review when applying for funding
- Comply with the approved DMS plan

Facilitators for the webinar will include **Cindy Danielson**, Associate Director, Systems Integration in the Office of Research Reporting and Analysis, which is part of the Office of Extramural Research (OER) at the NIH, and **Taunton Paine**, Director of the Scientific Data Sharing Policy Division.

Cindy supports the management of reporting tools used for program management and analysis by NIH staff and members of the public (including NIH RePORT and RePORTER) and coordinates Policy implementation plans. She first joined NIH in 2013 as an AAAS Science & Technology Policy Fellow in the National Institute of Nursing Research (NINR) Office of Science Policy and Legislation, where she analyzed and reported on NINR's portfolio of research. She received her Ph.D. in cell and molecular biology from Northwestern University, where she focused on the cell biology of HIV and host cell defenses, and her undergraduate degree in psychobiology from the University of Southern California.

Taunton leads a team responsible for a broad array of issues relating to data sharing and access, including the NIH Policy for Data Management and Sharing, the NIH Genomic Data Sharing Policy, and management of the NIH Data Science Policy Council. Before becoming director of the division, Taunton led the clinical research policy team within the OSP Division of Clinical Research and Healthcare Policy. While there, he advised NIH leadership on matters related to the Common Rule, Certificates of Confidentiality, HIPAA, and other privacy and human participant protections issues. Taunton began his OSP career in 2011 and first worked on issues relating to biosecurity and dual use research of concern. He holds a dual master's degree from Columbia University and London School of Economics and Political Science, where he studied the history of international relations.

Registration is now open for the NIDA HIV Seminar!

When: January 25, 2023 at 1:00 p.m. EST

As a part of the quarterly **NIDA HIV Seminar Series**, the NIDA HIV Research Program invites you to a talk by Dr. Adam W. Carrico, Ph.D. from the University of Miami, FL. In his presentation titled "Outside In and Inside Out: Neuroimmune Mechanisms Linking Stimulant Use and HIV",
Dr. Carrico will be discussing the bidirectional neuroimmune pathways linking co-occurring stimulant use and HIV.
See the official flier **here**.

Dr. Carrico is a clinical-health psychologist with expertise in the interdisciplinary field of psychoneuroimmunology, which examines the bi-directional connections between the central nervous system and immune system. In his clinical and biobehavioral research program, Dr. Carrico seeks to catalyze the development of comprehensive approaches to address a resurgent epidemic of methamphetamine use that is undermining the benefits of biomedical approaches to HIV prevention in sexual minority men.

Register

January 22nd-28th is Privacy Week at GW

The GW Privacy Office aims to inspire dialogue and encourage GW community members to own their privacy responsibilities and create a culture of privacy. **Data Privacy** Day is a global recognition event for data privacy awareness and education, celebrated internationally, every year, on **January 28**. Join the upcoming virtual workshop **"Personal Data is Valuable, Let's All Protect It!"** to learn more about the steps you can take within your GW role, to respect the privacy of our community members and protect their data.

Register

💰 Funding **Opportunities**

Call For Submissions
Intramural Funding Opportunities (FY24):

University Facilitating Fund (UFF):

Deadline: 12:00 pm (noon) on Tuesday, January 31, 2023

The goal of the University Facilitating Fund is to foster the creation of new research projects and scholarly activities that encourage application to externally funded opportunities, bring external recognition to the PI and university and/or demonstrate significant impact to the field of which it belongs. New this year, applicants should outline how diversity is addressed in the proposed project.
Requirements: Applicants must be regular full-time university faculty who are continuing in service at the university the following academic year. The PI must be in a school other

than GW Law, SMHS or GWSPH. *Faculty in SMHS, GWSPH and Law may participate, but are not eligible to serve as the PI of a UFF proposal.*

- UFF awards range from $5,000-$20,000 but are typically less than $15,000.
- **Full proposals are due by 12:00 pm (noon) on Tuesday, January 31, 2023.**
- Proposals must be submitted via **OVPR's InfoReady portal**.
- More details about UFF are available on the **OVPR website** and in **InfoReady**.

Read more at https://research.gwu.edu/university-facilitating-fund

Start UFF Application with InfoReady

Cross-Disciplinary Research Fund (CDRF):

Deadline: 12:00 pm (noon) on Tuesday, February 14, 2023

The goal of the Cross-Disciplinary Research Fund (CDRF) is to establish collaborative research partnerships within chartered centers and institutes or between **two or more diverse disciplines** that encourage strong applications to externally funded opportunities. New this year, applicants should outline how diversity is addressed in the proposed project.

- CDRF awards provide up to $50,000 per year with the opportunity for a second year of competitive renewal funding.
- **Full proposals are due by 12:00 pm (noon) on Tuesday, February 14, 2023.**
- Full proposals must be submitted via **OVPR's InfoReady portal**.
- More details about the CDRF are available on the **OVPR website** and in **InfoReady**.

Read more at https://research.gwu.edu/cross-disciplinary-research-fund

Start CDRF Application with InfoReady

Call for Abstracts: Global Health Lessons from the COVID-19 Pandemic
Deadline: January 16, 2023
Preparation and formatting guidelines
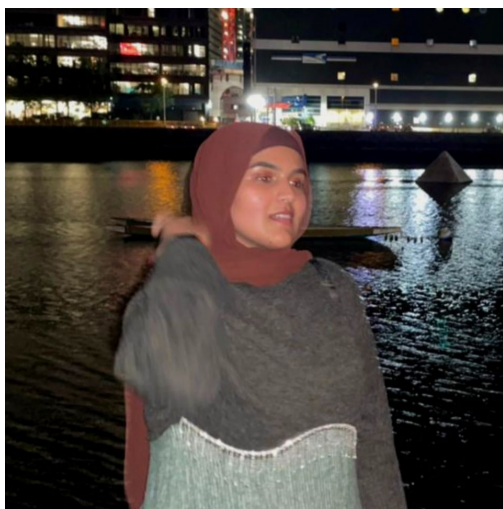**Submit abstracts via our online submission form**

For consideration to be published in their December 2023 issue, Health Affairs global is now accepting abstracts with a theme of policy lessons from global experiences with the COVID-19 pandemic. A key focus of the issue will be on evaluating equity in access to health care and health-supporting programs during the pandemic, exploring determinants of variation across subpopulations, and identifying and evaluating policies that promoted equity in access to testing, treatment, vaccines, and other pandemic mitigation responses.

Editors will review the abstracts and, for those that best fit the vision and goals for the issue, invite authors to submit full papers for consideration for the issue. For a list of topics and areas, guidelines, as well as how to submit, click **here**.

January Deadlines

Continuous Deadlines

Pod 2 Team Spotlight

Mohera Khan joined the GW community and Pod 2 in September 2022 after graduating from GW in May 2022. She is responsible for both pre-award and post-award activities. Mohera has helped manage various portfolios within the Department of Exercise and Nutrition Sciences. In January 2023, she will undertake supporting the Law School.

We appreciate the ongoing commitment and support of research administration from Pod 2.

Thank you for your hard work!

Mohera Khan
Research Administrator POD 2

📢 Research **Resources**

Important Mesage for NIH funded researchers!

The NIH has issued a final **Policy for Data Management and Sharing** (DMS Policy) to promote the management and sharing of scientific data generated from NIH-funded or conducted research. The NIH DMS Policy applies to all NIH funding mechanisms except training grants and fellowships.

This policy allows direct costs to be allocated in the budget to support the proposed data management and sharing plan activities.

For NIH proposal submissions due on and after January 25, 2023, applicants will be required to submit a Data Management and Sharing (DMS) Plan describing how researchers will manage scientific data generated and a budget including DMS direct costs with justified limitations or exceptions. For more information, click here.

REDCap (Research Electronic Data Capture) is a secure web application for building and managing online surveys and databases. REDCap can be used to collect virtually any type of data, enables rapid project development, provides users with complete autonomy and control of a project, and direct exports to common statistical packages.

Visit the website for more information.

REDCap is available for current GW faculty, staff, students, and affiliates after completing the GW RedCap Online Training.

Subscribe here for more updates!