Research Brief

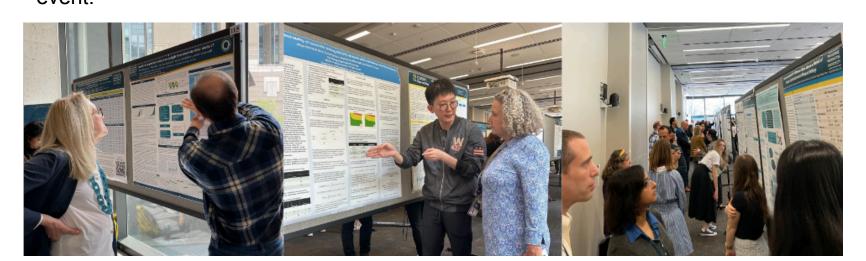
Message from the Senior Associate Dean for Research

Dear Colleagues,

The Office of Research Excellence (ORE) expresses its heartfelt gratitude to everyone who significantly made the 2024 GWSPH Research Day event a resounding success. We are grateful to our poster presenters, who generously shared their research with us, and to the <u>mentors, judges, collaborators</u>, faculty, and staff whose unwavering support made this event possible and an exceptional experience; and a special thanks to our ORE and PhD Office staff who worked hard to make this event a success. Your invaluable contributions have nurtured our vibrant research ecosystem, shaping the future of public health research!

This event was a remarkable display of creativity, sheer dedication, and an unabated passion for advancing public health through cutting-edge research. We take this moment to celebrate the winners from each of the highly coveted categories (below) and all mentors who have selflessly offered guidance along the way.

Click <u>here</u> for a comprehensive list of captivating abstract presentations from the event.



Sincerely,

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



First Place: Bailey Moore, "An Approach to Applying an Intersectional Lens to Black Women's Reproductive and Sexual Health"

Second Place: Sadhana Matheswaran, "Developing Training Modules for PCPs to Address Systemic Inequities in HIV and COVID-19 Vaccine and Screening Practices"

Master's Research

First Place: Griffin Barriss, "Assessing Country Readiness Over Time: Mapping Changes Between Editions of the International Health Regulations (2005) Joint External Evaluation (JEE) Tool"

Second Place: Kenna Berg, "Cytotoxic effects of nitroaromatic anti-trypanosomatid drugs on parasite death"

Doctoral Research

First Place: Brendan Fries, "A Cross-Sectional Study of the Association Between Insecticide Treated Bed Net Use and Malaria Prevalence in Sierra Leone"

Second Place: Mariana Fagundes Grilo, "The L.A.B.E.L. Study: Learning About Beliefs Surrounding "Edulcorantes" (Non-Sugar Sweeteners) Labeling in Brazil" **Staff, Alumni and Postdoctoral Research**

First Place: Lauryn King, "The next closest step to having control over my own body": Adolescent and Young Adult Contraceptive Decision-Making Post-Dobbs"

Second Place: Nathan Weber, "Inhibition of high-priority respiratory pathogens is a general feature of the fastidious nasal commensal Dolosigranulum pigrum"

<u>Global Women's Institute Prize</u>

Undergraduate Research

First Place: Bailey Moore, "An Approach to Applying an Intersectional Lens to Black Women's Reproductive and Sexual Health"

Graduate Research

First Place: Lauryn King, "The next closest step to having control over my own body": Adolescent and Young Adult Contraceptive Decision-Making Post-Dobbs"

Second Place: Fairuz Mohammed, "A qualitative analysis of the clinical experience of survivors of female genital mutilation/cutting (FGM/C) and health care providers"

Are you planning on submitting a proposal for funding consideration from an outside sponsor (e.g., NIH, DOD, RWJ, etc.)?

As soon as you identify the funder and funding mechanism, contact Pod 2 by submitting an "**intent to submit**" form.

A sponsored research administrator (SRA) from Pod 2 will be assigned and will reach to you to set up a kickoff meeting to go over logistics, establish timeline deadlines, and gather more information about the proposed project.

Please be mindful that the Pod requests <u>at least 10 business days</u> to process a proposal <u>on top of the 5 business days required by OSP</u>.



Enroll now in the 2024 GWSPH Summer Institute Program - a five-day program covering essential public health topics taught by leaders at the forefront of public health research and practice. Learn cutting-edge approaches that will empower you to contribute effectively to the global public health landscape, refine your analytical skills, and broaden your understanding of pressing health challenges. Join us to unleash your potential, network with international professionals, and shape a healthier tomorrow. Taught online from June 3-14, 2024.

Research Highlight



Jordan Kuiper

Dr. Jordan Kuiper is an environmental, perinatal, and pediatric epidemiologist whose research primarily focuses on understanding risk factors for adverse pregnancy and birth outcomes as well as health across the early life course. Most recently, his research has focused on exposures to endocrine disrupting chemicals, like organophosphate esters, per- and polyfluoroalkyl substances (PFAS), phenols, and phthalates, and their impacts on pregnancy outcomes as well as adolescent body composition. He is also conducting studies among neonates and children in intensive care units to identify drivers of adverse outcomes among these heterogenous and highly vulnerable populations. This work covers a range of issues, including the understanding and evaluating of structural inequities and barriers to accessing prenatal care and postnatal follow-up care from specialists, as well as characterizing exposures to endocrine disrupting chemicals from medical devices/equipment and their impacts on postoperative outcomes and neurodevelopment among neonates undergoing cardiac operations involving cardiopulmonary bypass.

Meet our ORE Team Member of the Week:



Sara Park

Sara started her MPH in Global Health Epidemiology and Disease Control at George Washington University in Fall 2023. In March 2024, she joined the ORE team as a Graduate Administrative Assistant, focusing on research communication and publicity. She has vast experience with clinical research, having worked on several different research projects at UCSF prior to coming to GWSPH.

We are proud to have her as part of our team!





Research Enhancement Awards (REA) - <u>Guidelines</u>, <u>Awards Form</u> <u>Mentor Match Review Award (MMRA)</u>

Doctoral Professional Development Award (DPDA)

Einstein Foundation Award for Promoting Quality in Research

RWJF Pioneering Ideas: Exploring the Future to Build a Culture of Health

Antiviral Program for Pandemics (APP)

Pfizer Competitive Grants Program

NIH Supplemental Opportunities

Congressionally Directed Medical Research Programs (CDMRP)



All-Expenses-Paid Program for Inclusion and Diversity Among Individuals Engaged in Health- Related Research (PRIDE)

Washington University School of Medicine offers an all-expense paid summer institute program to increase diversity in cardiovascular disease comorbidities, genetics, epidemiology, implementation science, global health, data science / bioinformatics. The PRIDE CVD-CGE program is open to junior faculty and transitioning postdoctoral scientists from diverse backgrounds, including those from groups that are underrepresented in the biomedical sciences (see e.g., NOT-OD-20-031), to further develop their research skills and knowledge to become competitive NIH grants applicants and scientists in heart, lung, blood, and sleep (HLBS) research. Learn more and apply for to join the summer 2024 cohort <u>here</u>. See <u>the flier here</u>.

ARPA (C)

Funding opportunity to accelerate women's health research

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The Advanced Research Projects Agency for Health (ARPA-H) launched the Sprint for Women's Health on February 21, 2024, which commits \$100 million towards transformative research and development in women's health. The Sprint for Women's Health's new request for solutions (RFS) funding opportunity seeks unconventional approaches and innovative new avenues to push high-impact biomedical research forward to improve women's health outcomes. ARPA-H is seeking proposals across six women's health topic areas, including: Women's Health at Home, Preserving Ovarian Health Through Mid-Life to Prevent Disease, ARTEMIS – Advancing Research Through Enhanced Models for Investigating the Influence of Sex Differences on Health Outcomes, Modulating Women's Brain Health Via Lymphatic Targeting, Objective and Quantitative Measurement of Chronic Pain in Women, and Wild Card: Revolutionary Breakthroughs in Women's

Health. Submissions are due April 12, 2024, 5PM. Learn more here.

FY25 Intramural Funding Opportunities

Each year the Office of the Vice Provost for Research sponsors intramural funding programs that support new scholarly projects. Eligibility requirements will remain the same as prior years, so we encourage scholars to start thinking about fundable projects as soon as possible.

University Seminar Series (AY2024-25)

Deadline 14 Apr 2024 - \$4,000

GW Postdoctoral Primary Care Research Training Program

Continuous - \$69,333

Undergraduate Research and Fellowship Applications

OVPR Limited Submissions and Intramural Funding Competitions



GW-American Cancer Society Institutional Research Grant Pilot Award: Request for Applications

The George Washington University Cancer Center (GWCC) American Cancer Society Institutional Research Grant (ACS- IRG), with added support from the GWCC Katzen Center Research Fund, annually awards non-renewable pilot grants to **three investigators** for up to a maximum of **\$60,000** each for one year. This ACS IRG (IRG-22-973396) is an institutional award that enables GWCC to provide pilot research funding to beginning investigators who have not yet achieved independent funding at the national level. Learn more <u>here</u>.

For additional information, please contact Pesha Rubinstein at

(pesha.rubinstein@gwu.edu).

Applications are due April 15, 2024 at 4:00 pm EST

GW is Nominating a Candidate for the Pew Biomedical Sciences Scholars 2025 Class!

The Pew Scholars Program in the Biomedical Sciences provides funding to young investigators of outstanding promise in science relevant to the advancement of human health. The program makes grants to selected academic institutions to support the independent research of outstanding individuals who are in their first few years of their appointment at the assistant professor level. The award provides \$300,000 in support—\$75,000 per year for four years.

If you have questions pertaining to the alignment of your project with the funding program, please contact the Office of Corporate and Foundation Relations: cfr@gwu.edu. If you have procedural questions, or need assistance uploading materials to InfoReady, please contact: reshelp@gwu.edu.

Internal Competition Applications are due **Monday, April 15, 2024 by 1:00 pm** EST via OVPR-InfoReady.

For eligibility, requirements, and how to apply, click here.

2024 Genentech Health Equity Innovation Fund: Request for Proposals

Application Due Date: April, 15, 2024

Genentech Health Equity Innovation Fund is looking to invest in the bold ideas that have the potential to transform the healthcare landscape, addressing enduring and emerging health equity challenges.

They are calling for RFP's in either of the following areas: <u>Neuroscience and Brain</u> <u>Health</u>, including but not limited to multiple sclerosis; <u>Oncology</u>, including but not limited to Breast, Lung, & hepatocellular carcinoma (HCC); <u>Ophthalmology</u>, including but not limited to diabetic macular edema; and <u>Cardiovascular and Metabolic Disease</u>, including but not limited to diabetes, hypertension, and obesity.

The award is up to \$750,000. Click here for more details.

The Howard Hughes Medical Institute (HHMI) - 2025 Freeman Hrabowski Scholars Program

Freeman Hrabowski Scholars are outstanding basic researchers, including physician-scientists, who have strong potential to become leaders in their fields. Scholars are committed to advancing diversity, equity, and inclusion through their mentoring efforts and understanding of systemic exclusion and marginalization in science of trainees from different backgrounds. Scholars prioritize scientific excellence in their own research while creating an inclusive lab climate that serves as a model within their own institutions and beyond.

Scholars are appointed to a five-year term, renewable for a second five-year term after a successful progress evaluation. Each Scholar receives up to \$8.6 million over the ten-year period, including full salary, benefits, a research budget, and scientific equipment. They also participate in professional development to advance their leadership and mentoring skills. Learn more about this opportunity here.

Applications are due May 15, 2024, at 3:00 pm ET





Funding Opportunities: Transforming Health Care through Innovative and Impactful Research

The Congressionally Directed Medical Research Programs (CDMRP) fills research gaps by funding high impact, high risk and high gain projects that other agencies may not venture to fund. The CDMRP has a number of FY2024 program funding opportunities in research areas such as breast cancer, ALS, and hearing restoration. For a complete list and details about each opportunity, visit their website <u>here</u>.

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NIH Supplemental Opportunities

Administrative supplements are non-competing awards that provide additional funding to a currently funded grant. They are an excellent way to expand NIH-

funded research by adding training staff, expanding the scope of work to include additional topic areas connected to existing research, or focusing on areas of interest for the agency. Click <u>here</u> for a downloadable sheet containing <u>more than</u> <u>80</u> open supplements! Learn more <u>here</u>.



All GW faculty, staff, and trainees conducting cancer-relevant research are invited to submit abstracts to be considered for poster presentations. GW Cancer Center members and non-members are welcome to attend the retreat and to submit abstracts. The submission deadline has been **extended to March 29th by 5:00pm**. The retreat will take place on **Wednesday, May 1, 2024 8:30 am - 5:30 pm** at the GW University Student Center Grand Ballroom. Submit using the <u>abstract</u> <u>submission form</u>. Contact gwcc_abstracts@gwu.edu with any questions.

The **PATIENTS** Program at the University of Maryland School of Pharmacy

Patients Professors Academy (PPA) 2024 Interested in including community engagement in health research? <u>Visit the</u> <u>PATIENTS Professors Academy</u> for more information and <u>apply</u> to join the next cohort in Summer 2024.



Sponsored Projects

NCURA Webinar: NSPM-33 Compliance

Join GW Office of Sponsored Projects **Thursday**, **April 11th 2:00 - 3:30 p.m.** for this informational webinar. This session will provide a broad overview of the proposed NSPM-33 program requirements. We will discuss which requirements are least likely to change and which have the greatest potential to change before the final guidance is released. We will host a dialogue about what participants are doing at their own institutions to prepare and where they are holding off. Finally, we will offer some ideas for how to start or keep the conversation going at your home

institution.

Note: The Office of Sponsored Projects is pleased to provide complimentary registration for this event for CRAG members. You must have an NCURA profile to register using the GW-specific registration link linked to the button below. **If you do not already have an NCURA profile, you must create one prior to registering for this event. You do not have to be an NCURA member to create a profile.** Register here.

National Science Foundation: CAREER Workshop for GW Faculty

The NSF CAREER program is a highly prestigious funding opportunity which sets early career faculty up for future success. All pre-tenure faculty who will not have been formally promoted and have received tenure before **July 24, 2024**, who are applying to support research in disciplines supported by NSF, and have submitted less than three CAREER applications previously, are eligible to apply.

The workshop will take place in three sessions: March 29th, 10:30 am - 2:30 pm, April 19th, 12:00 noon - 2:00 pm, & May 3rd, 12:30 pm - 2:30 pm

Please reach out to all NSF CAREER-eligible faculty in your school individually to make them aware of the workshop and ask them to register <u>here</u> if they would like to participate. It may also be helpful to share the opportunity with your department chairs and / or program directors so they can encourage participation.

NIH Basics: Understanding Grant Mechanisms, Funding Announcements, and using NIH RePORTER

Thursday, April 25, 9:00 - 10:00am, Hybrid

Understanding the NIH organizational structure, how to identify the right funding mechanism and announcement, and the grants review process is an essential first step before applying for NIH funding. This session will provide an overview of the NIH grants process, as well as, helpful resources for early stage faculty not familiar with NIH funding. This session will cover topics including: an overview of the different NIH funding mechanisms; identifying Funding Opportunity Announcements (FOAs); using NIH RePORTER; and the NIH system of Peer Review. Register here.



NCTR Education and Training Programs

NCTR provides opportunities for undergraduate and graduate students, postgraduate scientists, scientists from other countries, college/university faculty members, and others to obtain hands-on laboratory experience by working with experienced scientific researchers. These training opportunities are available in the following areas:

Faculty Research Program (NCTR) Foreign National Training Program (NCTR) Graduate Certificate in Regulatory Science (NCTR) Interdisciplinary Toxicology Program (NCTR) Postgraduate Research Program (NCTR) Science Internship Program (NCTR) Summer Student Research Program (NCTR)

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