Research Brief

Message from the Senior Associate Dean for Research

Dear Colleagues,

As we witness the devastating effects of war on society in many parts of the world, we observe the consequences of conflict on people's health. Wars and conflict constitute complex health emergencies; they lead to the breakdown of all aspects of a society and cause damage and destruction. They also exacerbate pre-war health issues such as poor health systems or the management of the COVID-19 pandemic. Likewise, vulnerable groups such as women, children, people with disabilities and the elderly are disproportionately affected and are often most in need of help. War also affects health long after the conflict has ended; and armed conflicts do not just cause physical harm, they have considerable mental health consequences.

In war, public health professionals become heroes as they continue to provide care, save lives, and shelter the most vulnerable while risking their own lives. And research on conflicts, disasters, trauma/injuries and humanitarian emergencies is much needed to both understand the implications and test interventions; this is critical for the public health response to intentional conflict. The research portfolio of our school and GW on these topics is laudable, and I am sure it will grow in the coming years - thanks to everyone who works in this space.

With hope for more peace in the world,

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

☁ Did You **Know?**

2020-2021 We Conducted,

First **review** of current **PhD Students**

First school-wide **PhD Orientation**!!

Research Project *Highlight*

Air Quality Modeling to Investigate Environmental Justice in Washington, D.C. and Baltimore

The project, ***Air Quality Modeling to Investigate Environmental Justice in Washington, D.C. and Baltimore,*** will investigate the disparities of outdoor air pollution ($PM_{2.5}$, NO_X, and O_3) within the cities of Washington DC and Baltimore, MD, using a high-resolution (1 km) chemical transport model. The current air quality monitoring network in the region is sparse, 15 monitors for a population of ~10 million residents, which is insufficient to understand
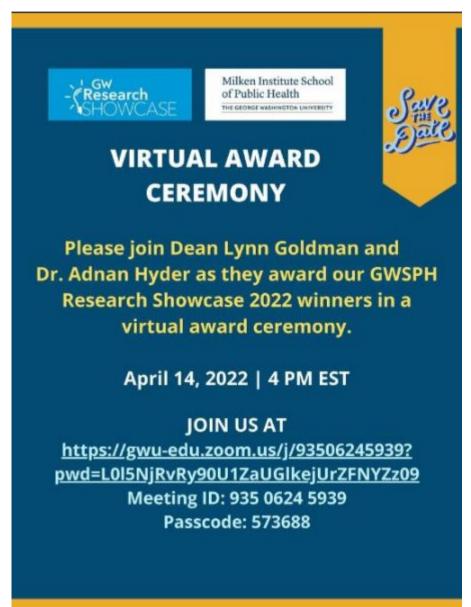
Dr. Daniel Goldberg
Assistant Research Professor
Environmental and
Occupational Health
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University

environmental justice communities. Because of the network sparseness, we hypothesize that a model simulation will give policymakers critical additional information that will help them better focus on the neighborhoods most at need.

We are proud of our Research!!

💬 Lectures & **Event**

MILKEN INSTITUTE SCHOOL OF PUBLIC HEALTH

SI 22 SUMMER INSTITUTE
JUNE 6TH – JUNE 17TH

Register

💰 Funding **Opportunities**

CBO INSIGHTS IN BIRTH EQUITY: The New Jersey Birth Equity Funders Alliance (Alliance) aims to reduce racial disparities in birth outcomes in New Jersey and contribute to overall improvements in the state's rank for equitable birthing.The core goal of this rapid landscaping (12 weeks) is to understand the map of actors in the birth equity field in New Jersey. In 2022 and beyond, the Alliance plans to launch a Technical Assistance grants program that will be powered by insights from the landscape and needs assessment. *The grant (no more than $75,000, including a 12% overhead) will be dispersed in May 2022 and successful applicants will be contacted via email*

Please submit your Letter of Interest by April 15, 2022.
For more information click **here.**

Research Innovation Awards - SPRING 2022
Application Deadline:
April 25th, 2022

The Milken Institute School of Public Health (GWSPH) Research Innovation Awards aim to encourage innovation and creativity in public health research, and support research initiatives aimed at generating extramural grant funding. Faculty who has a primary appointment in GWSPH and may serve as Principal Investigators are eligible to apply for this award.
For more information click **here.**

April Deadlines

Continuous Deadlines

💡 **Pod** Spotlight

For Pre-award proposal assignments, please compete an **intent to submit** form as soon as you decide to submit an application for sponsor consideration.

📣 Research **Resources**

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.

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

Visit the **website** *for more information.*

Early Career Reviewer (ECR) Program: The NIH Offers an Opportunity for Early Career Faculty to join and to take part in the Grant Review Process and to Gain Insights for their Own Applications.

Subscribe here for more updates!