

CUNY INSTITUTE FOR

Implementation Science in Population Health (ISPH)



Pursuing population health gains through better implementation



Research alone isn't enough

Health research in the real world is hard, whether in New York City or Sub-Saharan Africa. Investigators must conquer logistical, cultural, political, and environmental obstacles to assess the factors that shape health and disease in populations. This research often has the greatest potential to inform policy and have an impact if those findings are implemented.

At ISPH, we conduct rigorous real-world research that focuses on implementation. We determine and translate best practices into scalable, sustainable, population-level interventions and policies that improve health and reduce health disparities around the world.

Putting research into practice

Through global health cohorts, we track millions of individuals and conduct large-scale research on population health challenges, discover drivers of health disparities, and intervene in real world settings with best practice solutions and assess the impact of implementation strategies at scale. Examples of our work include:

- Improving the health outcomes of people living with HIV, locally and globally, through research on scaleable HIV treatment and prevention initiatives
- Analyzing the human microbiome and cancer genomes for a better understanding of population health
- Studying how marijuana laws influence cigarette and e-cigarette use among youth in the US
- Evaluating new strategies to change the course of the opioid epidemic
- Bringing cutting edge public health informatics and health technology to our research
- Understanding the drivers of LGBTQ sexual and mental health, including the role of state and local policy environments
- Monitoring the health status of urban slum dwelling populations to identify opportunities to improve health through better implementation
- Elucidating the impact of mental health and illicit substance use on the continuing tobacco use epidemic

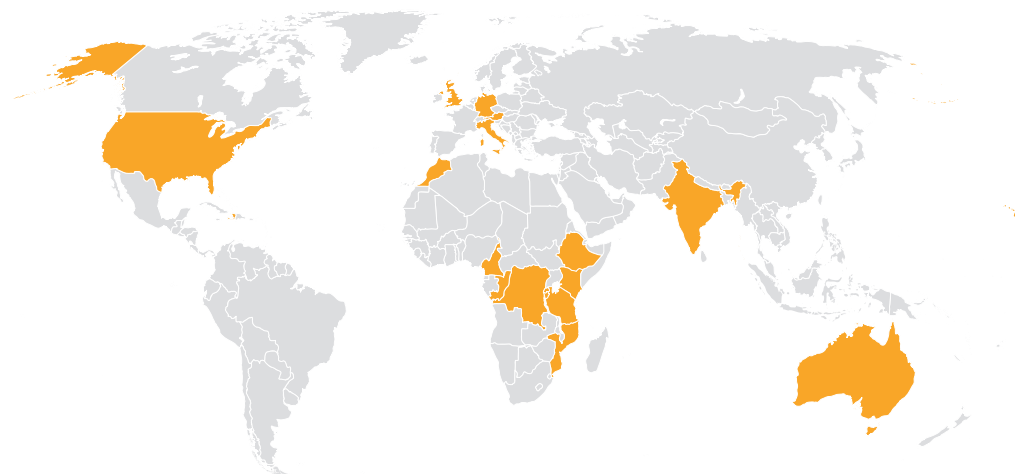
HEALTHY CITIES IN A HEALTHY WORLD

Where ISPH Works

AUSTRALIA
AUSTRIA
BURUNDI
CAMEROON
ETHIOPIA
GERMANY
HAITI
INDIA

ITALY
KENYA
MOROCCO
MOZAMBIQUE
REPUBLIC OF CONGO
DEMOCRATIC REPUBLIC OF CONGO

RWANDA
TANZANIA
UNITED KINGDOM
UNITED STATES



ISPH by the numbers

Countries where we work	18
Core research programs	17
Annual research funding	\$4M+
Investigators	27
Research staff	28
Return on initial \$ investment	50:1

ISPH is focused on the substantial improvements in population health that can be efficiently achieved through better implementation of existing strategies, policies, and interventions across multiple sectors. We study how to translate and scale-up evidence-based interventions and policies in order to improve population health and reduce health disparities.

Making critical data accessible

We develop web-based data and research dissemination systems to inform health practitioners and policy makers. By curating existing research and critical surveillance data, we are able to create vivid and engaging graphic interfaces, making data more accessible and usable by those who are in a position to act on it.

Integrating data from numerous sources, ISPH created the ETE Dashboard to track the progress of New York State's Ending the Epidemic Initiative.

etedashboardny.org



Setting the bar high

Launched in 2016, ISPH has developed 17 core research programs with over \$4 million in annual research funding through competitive applications. For every dollar of initial investment, ISPH has secured 50 dollars in competitive grant funding.

Our work has been published in high impact journals including *Pediatrics*, *PLoS Medicine*, *Nature Methods*, *Clinical Infectious Diseases*, *Cancer Research*, *Psychological Medicine*, the *Lancet HIV*, the *American Journal of Public Health*, and the *American Journal of Epidemiology*.

Training the next generation of implementation scientists

ISPH Investigators mentor dozens of doctoral, post-doctoral, junior faculty, and mid-career investigators who are interested in applying implementation science methods to take their research to the next level of impact. We plan to offer short “boot camp” courses to reach even more individuals.

The ISPH is a CUNY-wide initiative, bringing together core involvement from four CUNY campuses—the Graduate School of Public Health and Health Policy (CUNY SPH), City College of New York, Hunter College, and Queens College and associated CUNY faculty. ISPH collaborates with numerous government stakeholders and international non-governmental organizations.

The CUNY Graduate School of Public Health & Health Policy is committed to providing a collaborative and accessible environment for excellence in education, research, and service in public health, promoting and sustaining healthier populations in New York City and around the world, and shaping policy and practice in public health for all.



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