

INSIGHT TO ACTION PROJECT:

INFORMATICS AND DATA SCIENCE FOR HEALTH (IDASH) TRAINING PROGRAM

The *Integrated Next-Generation Surveillance in Global Health: Translation to Action (INSIGHT)* project is a five-year cooperative agreement between the US Centers For Disease Control and Prevention (CDC) and the University Of Washington (UW) International Training And Education Center For Health (I-TECH). INSIGHT envisions an interconnected world where transdisciplinary teams collaborate to build and implement sustainable information systems that strengthen capacity to prevent, detect, and respond to global health threats. The INSIGHT project strengthens integrated, dynamic health information systems using equitable partnerships to promote the health and wellbeing of people, animals, and the environment they share using a One Health approach.

ABOUT I-TECH

I-TECH is a center in the UW Department of Global Health that strengthens long-term capacity in health systems; human resources for health; and targeted, data-driven interventions and research that are responsive to local needs.

IDASH PROGRAM GOALS

- > Strengthen competencies within the existing public health workforce to create and use public health information systems that enable the capture, management, analysis, dissemination, and use of reliable, timely information to improve population-level health outcomes.
- > Strengthen national systems and regional collaborations to effectively respond to existing and future global health challenges.
- > Strengthen the core of public health data.

IDASH: AN APPROACH TO STRENGTHENING REGIONAL CAPACITY

Informatics and Data Science for Health (IDASH) is a training program for current and future public health leaders at the national and sub-national levels. IDASH aims to strengthen regional capacity to use public health information systems and data to improve population-level health outcomes, effectively detect and respond to public health threats, and promote health equity.

I-TECH collaborates with ministries, universities, and CDC in the development and implementation of IDASH. Co-creation with partner countries and institutions is core to the program design from the onset to maximize ownership, return on investment, and sustainability.



CENTRAL ASIA AND EASTERN EUROPE REGION

I-TECH, in collaboration with the CDC Regional Office for Central Asia and Eastern Europe (EE/CA) and the World Health Organization Regional Office in Europe, launched the first IDASH cohort of 20 fellows in Georgia, Kazakhstan, Kyrgyzstan, Ukraine, Uzbekistan in April 2023. A second cohort is planned for May 2024.

SOUTH AMERICA REGION EXPANSION

In 2024, IDASH will be expanding into five countries in South America. I-TECH plans to establish a regional executive committee to support program implementation in the participating countries to ensure project sustainability.

GLOBAL PUBLIC HEALTH DATA INNOVATION (GPHDI) PROGRAM

INSIGHT is a project under the GPHDI program, which is coordinated by the US CDC Center for Global Health. GPHDI aims to “provide government decision makers with more timely, accurate, and comprehensive public health data to better prevent, detect, and respond to public health threats” by addressing key barriers to effective data use including:

- > Limitations on data access, use, and quality
- > Non-standardized data
- > Workforce limitations
- > Gaps in data systems governance and policy

CONTACTS:

Principal Investigator

Peter Rabinowitz (peterr7@uw.edu)

INSIGHT Director

Jennifer Gilvydis (jmas@uw.edu)

EE/CA Regional Manager

Ruth Levine (rolevine@uw.edu)