Johns Hopkins University-Hanoi University of Public Health Trauma and Injury Research Program in Vietnam (JHU-Hanoi TRIP)
Rationale

- Many constraints and gaps in Southeast Asia and Vietnam to address trauma, injuries, and their consequences
- **Two critical gaps:**
  - Limited trained human resources
    - Lack of comprehensive training programs
  - Lack of **data**
    - Limited national and disaggregated data on long-term consequences on individual health, household socioeconomic welfare, and Vietnamese society
Approach

Close collaboration between two institutions

• Johns Hopkins University Bloomberg School of Public Health (JHU), USA
  • Johns Hopkins International Injury Research Unit (IIRU)

• Hanoi University of Public Health (HUPH), Vietnam
  • Center for Injury Police and Prevention Research

Each institution has:

• Commitment to understanding the long term impact of trauma and injuries

• Experience and expertise in research

• Over 10 year history of collaboration
Program Management

JHU-IIRU:
• Adnan A. Hyder, Principal Investigator (Director, IIRU)
• Abdulgafoor M. Bachani, Principal Investigator
• Qingfeng Li
• David Bishai
• Steve Wegener

HUPH:
• Dr. Pham V Cuong, Co-Investigator (Director, CIPPR)
• La Ngoc Quang
• Le Thi Kim Anh
Program Advice

Technical Advisory Group:
- Abdullah Baqui, JHSPH
- Courtland Robinson, JHSPH
- Nguyen Thi Thanh Ha, HUPH
- Hoang Van Minh, HUPH

International Advisory Committee:
- Margie Peden, WHO
- Krishnan Rajam, Penang Medical College, Malaysia
- Bui Thi Thu Ha, HUPH
- Mitchel Loeb, National Center for Health Statistics
Strengthen **research capacity** on injury and trauma in Vietnam, as well as their long term health, economic and societal consequences through an **innovative model** of **sustainable capacity development**.
Specific Aims

- To promote a sustainable research enterprise focused on injuries and trauma and their consequences, and enable national dissemination of evidence to influence policy in Vietnam:
  1. Develop a core group of researchers at HUPH
  2. Promote research around key national priorities
  3. Establish a national forum
  4. Create a center of excellence for research
Aim #1:
Develop a core group of researchers at HUPH

- Develop research expertise focused on understanding the burden of injury and trauma, as well as their health, economic and societal impact

- Activities
  - Long-term training program for trainees within HUPH’s master’s of public health degree program
  - Short-term training workshops at HUPH including both basic and advanced components each year
  - Online courses from JHU on key priority topics
Aim #1, Activity 1: Long-term training

- Over the course of five years, a minimum of nine fellows will complete a two year post-graduate fellowship and earn a Master of Public Health (MPH) degree with a concentration in trauma and injury prevention from HUPH.

- MPH concentration in TRIP to be established at HUPH.

Aim #1, Activity 1: Long-term training (Con’t.)

- Trainees, fully funded by this NIH grant, participate in:
  - TRIP track-specific courses and research seminars
  - Program tutorials
  - Two-month training in Baltimore at JHSPH
  - Field studies
  - Site visits to relevant key agencies and organizations
  - Workshops/symposia
  - Research proposal development
  - Independent studies/research practicum
  - The defense of independent research projects under the guidance of a mentor from both JHU and HUPH
Aim #1, Activity 2: Short-term training

- Fellows (current and alumni), scientists with advanced research skills, and health and other professionals have opportunities to participate in:
  - **Basic workshops** providing an overview of principles of studying lifelong trauma, injury, and disability and introducing relevant research methods
  - **Advanced workshops** that will focus on a different topic each year and specific methodological approaches
  - **Annual research symposia** that will create dialogue on research and identify relevant key policy decisions in progress or under consideration
Aim #2: Promote research around key national priorities

• Generate relevant research to inform national decisions

• Trainees conduct research based on issues within the following priority areas:

  1. Development and use of national databases relevant to the incidence and care of trauma and injuries
  2. Development and evaluation of community-based interventions that will improve access to appropriate services
  3. Exploration of the social and economic costs of non-fatal trauma and injuries in the population
Aim #3: Establish national forum  
TIP-Vietnam

- Develop capacity to influence policy and promote utilization and translation of research evidence into actions

- Collaborate with stakeholders to organize an annual research-to-policy dialogue on the chronic consequences of trauma, injuries, and disability

- Collaborate with stakeholders including those from the public sector such as the Vietnamese Ministry of Health, with Violence, Injury, and Disability as the focal point; Ministry of Labor, Gender, and Social Development; and Ministry of Transport, etc.
Aim #4: Create a research locus/program

• Provide a research home within HUPH for faculty, by:
  • Strengthening research management capacity
  • Enhancing research ethics coordination capacity in collaboration with other NIH-Fogarty grants
  • Helping diversify the research funding base through focused support on proposal development
  • Enabling stronger dissemination and communications
  • Developing continuing education materials
Thank You!