



# TEPHINET

**Training Programs in Epidemiology and  
Public Health Interventions Network**

How Field Epidemiology Training Programs are  
Integrating Noncommunicable Diseases.

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Director, TEPHINET

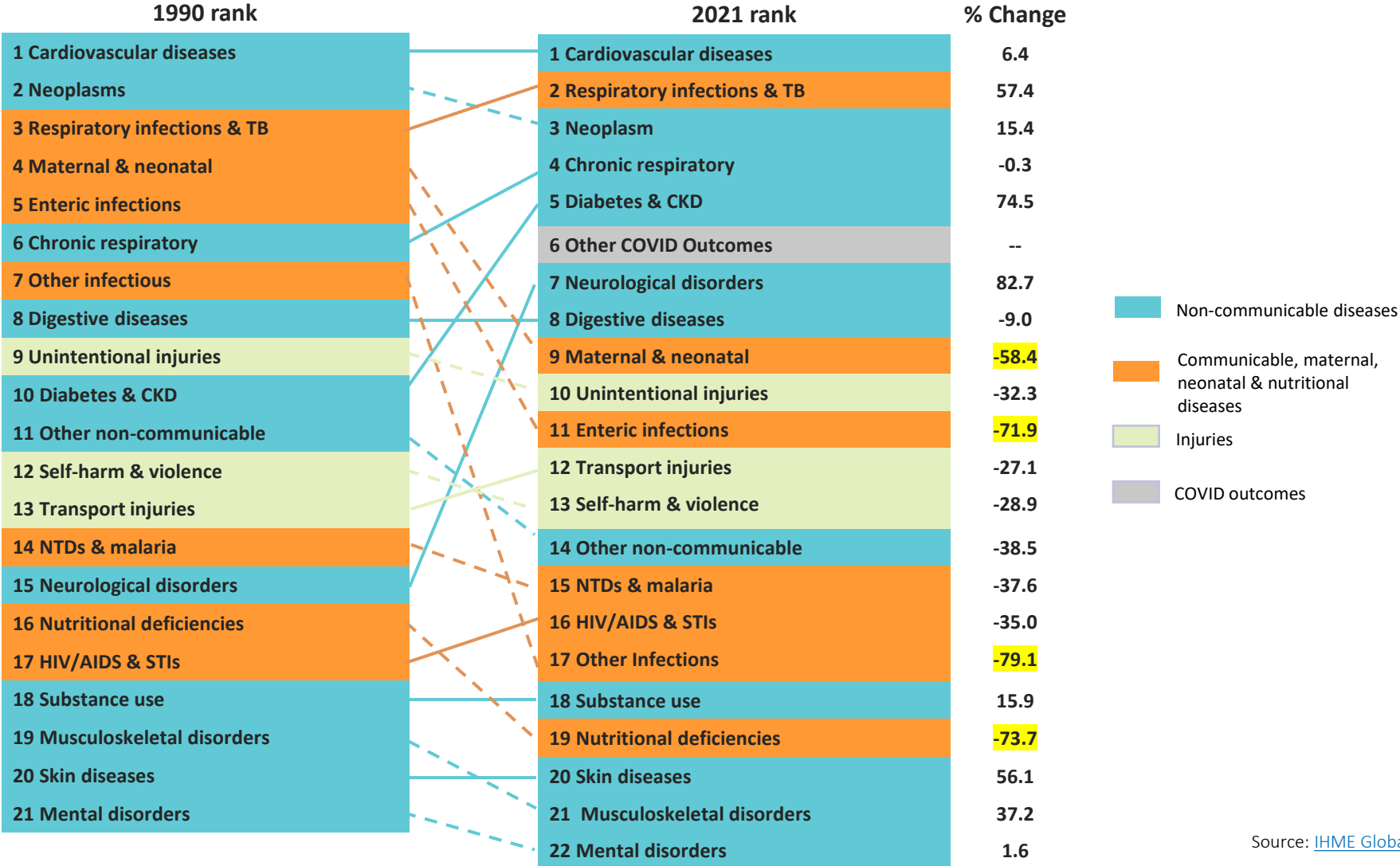
World Congress of Epidemiology  
September 25, 2024

# Today's Program

- Opening Remarks  
Carl Reddy
- Building Global & Local NCD Capacity Through Field Epidemiology Training Programs  
Qaiser Mukhtar &  
Sushama Acharya
- Country Program Accomplishments by FETP NCD Program Leads  
China, Lijie Zhang  
Thailand, Phanthanee Thitichai  
India, Mogan Ka
- Fireside chat with FETP Regional Networks about the future with Carl Reddy  
AFENET  
EMPHNET  
SAFETYNET
- Q&A
- Closing  
Carl Reddy

# Shift in Global Disease Burden: 1990 vs. 2021

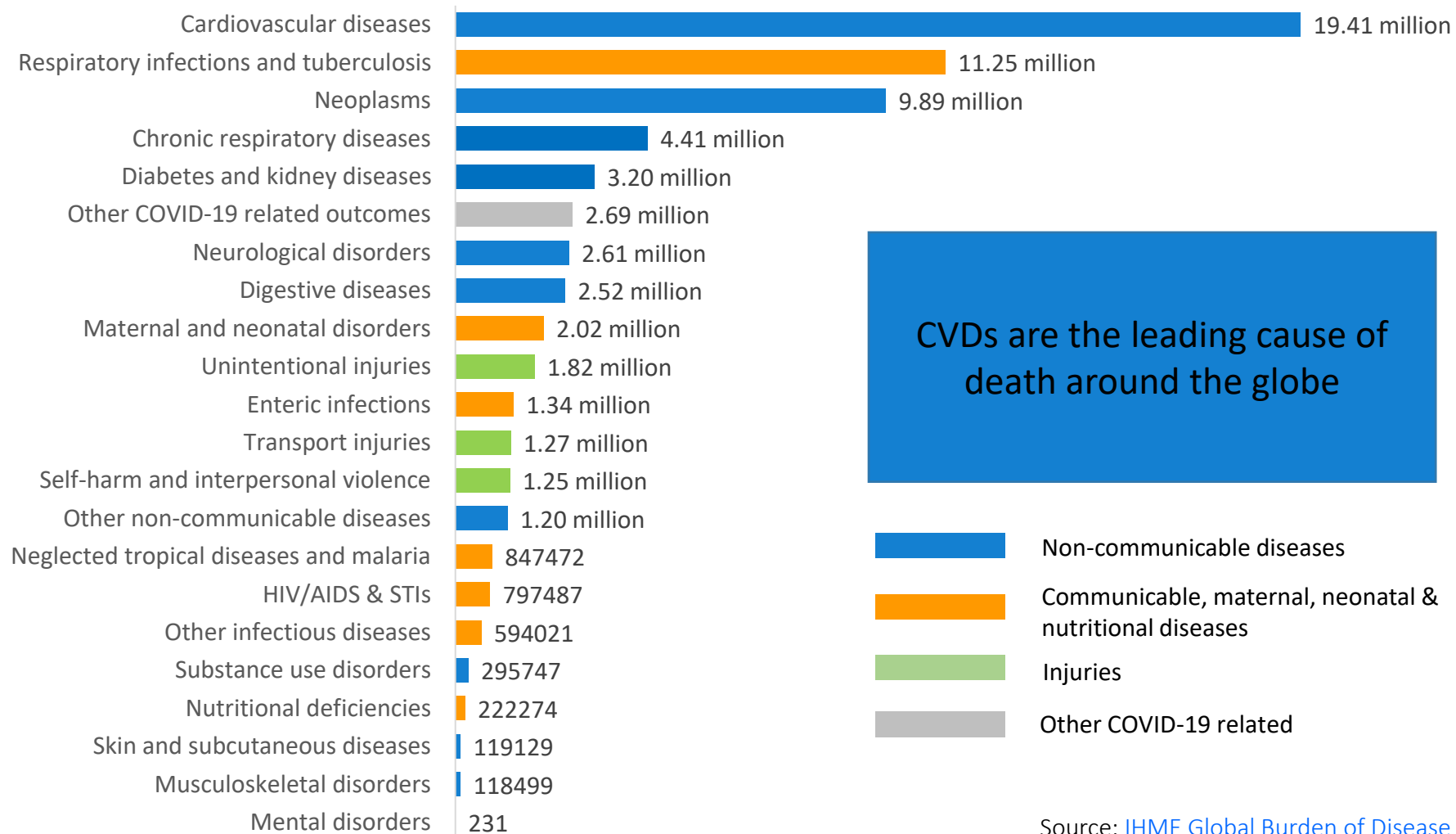
Leading cause of death, both sexes, all ages



Source: [IHME Global Burden of Disease 2021](#)

# Number of Deaths by Causes across All Age Groups and Sexes, World, 2021

Leading causes of death globally, 2021



Source: [IHME Global Burden of Disease 2021](#)

# Number of Deaths by Risk Factor across All Age Groups and Sexes, World, 2021

Risk factors associated with death globally, 2021



High blood pressure is the leading risk factor

Source: [IHME Global Burden of Disease 2021](#)

# Background: Field Epidemiology Training Program (FETP) – Capacity Building

- Over 87 FETPs are training the public health workforce across >165 countries and territories
- 3 levels of training to fit the need for different skills and functions
- Training structure:
  - 25% classroom instruction
  - 75% hands-on training in the field
- Traditional FETP curricula teach [infectious disease](#) surveillance and epidemiology
- Huge need to build NCD field capacity addressing the leading cause of death

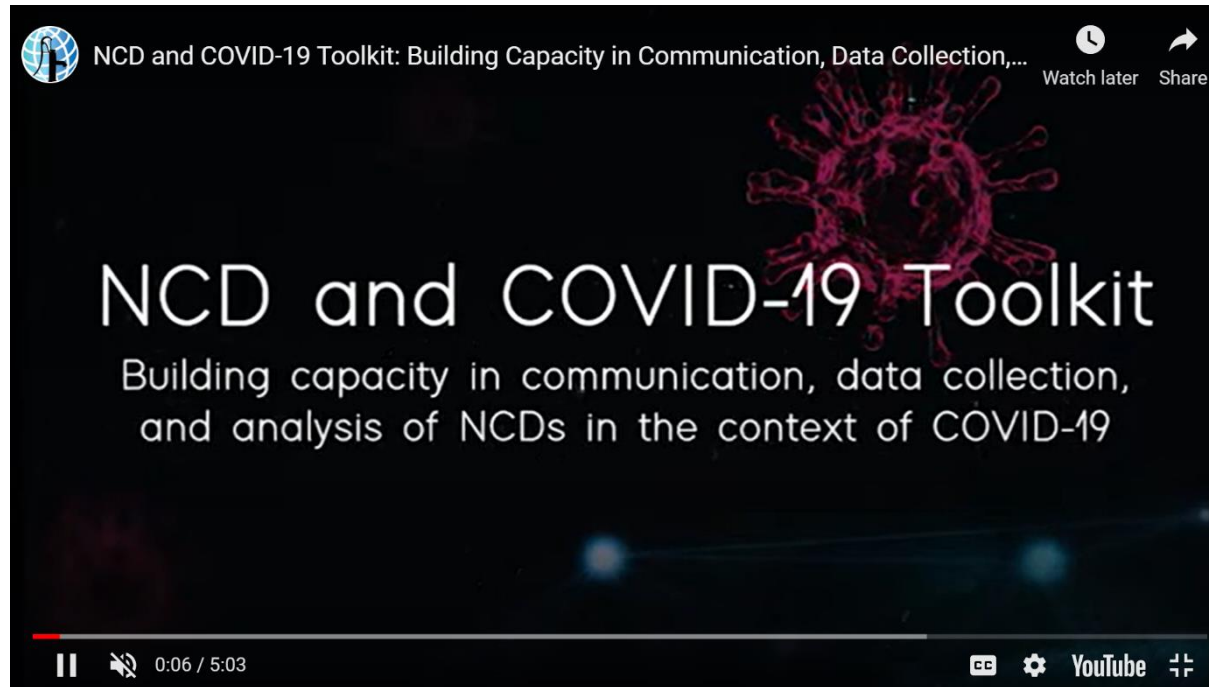


**ADVANCED**  
National Level

**INTERMEDIATE**  
Regional Level

**FRONTLINE**  
Local Level

# Building FETP NCD Capacity



<https://www.tephinet.org/tephinet-learning-center/tephinet-library/field-epidemiology-training-program-fetp-noncommunicable>

# TEPHINET Support for NCD Capacity Building

## Strong Collaboration:

Promotes program, provides a platform for program activities, & disseminates FETP resources

- Launch of FETP NCD Resources webpage: 2024
- Visual abstracts highlighting NCD publications: 2024
- Online scientific communication courses and tools: 2022-Present
- Online NCD Collaborative: 2022-Present
- Professional development webinars: 2022-Present
- Success stories: 2021-Present
- CVD Small Grants Program: 2018 – 2023
- Call for NCD papers in celebration of the World Field Epidemiology Day: 2022
- TEPHINET annual survey: 2022-2023





# TEPHINET Grants to Regional Networks: NCD Integration

Regional Network	Regional Activities
AFENET	<ul style="list-style-type: none"><li>• TOT workshop on integrating NCD into FETP with FETP mentors, regional technical coordinators, and AFENET Secretariat staff members (<b>May 13-17, 2024</b>)</li><li>• <b>24 participants from 14 countries</b></li></ul>
EMPHNET	<ul style="list-style-type: none"><li>• Supported <b>2 NCD proposals</b> (mini-grants)</li><li>• <b>Converted the Implementation Research Toolkit to an online format with free access</b></li></ul>
SAFETYNET	<ul style="list-style-type: none"><li>• Implemented SAFETYNET NCD Webinar (April 18, 2024)</li><li>• TOT workshop on integrating NCD into FETP with Advanced and Intermediate FETP mentors (July 15-19, 2024) for <b>17 participants from 7 countries</b></li><li>• <b>Developed a new diabetes-focused NCD case study</b> (May-Sept 2024)</li></ul>
All	<ul style="list-style-type: none"><li>• NCD Integration: Opportunities &amp; Challenges</li></ul>

# Regional NCD Integration: Opportunities & Challenges

## Key takeaways from the regional partners



Universal consensus about the need to build FETP NCD skills



Vital to enhance & establish NCD surveillance systems



Enthusiastic reception of NCD Training Package & the Blended Learning Model

Timely, robust, suits the needs of young and busy professionals, cost effective



NCD technical resources, best practices, & experience of the four implementing countries position others to move forward

# Regional NCD Integration: Opportunities & Challenges

## Key takeaways from the regional partners, cont'd

### Engage Key Stakeholders

- MoH, NCD data systems, global partners
- Explore and secure funding opportunities

### Build NCD Mentorship

- Identify NCD SMEs, from NCD departments, academia, NGOs
- Host NCD-specific Training of Trainers to build FETP mentors' capacity

### NCD Integration Opportunities

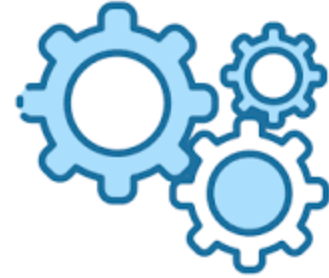
- Integrate NCD-specific competency into FETP curricula
- Allow trainees with NCD interest conduct field projects

# How can Congress Support FETP NCD Capacity?



# Integration Opportunities: What can you do?

- ✓ Review the NCD technical resources
- ✓ Join the online NCD Collaborative
- ✓ Talk to the demonstration program partners about their experience
- ✓ Explore integrating NCD capacity building within your network
- ✓ Don't let perfect be the enemy of the good
- ✓ Remember, the journey of a thousand miles begins with one step





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Thank You!!