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## Welcome and agenda

1. Welcome
2. Message from GACD Associate Members (funding agencies)
3. Update on GACD activities
4. COVID-19 impacts on GACD mental health projects
5. Update from the NCD Multimorbidity working group
6. The new Implementation Science e-Hub
7. Closing remarks



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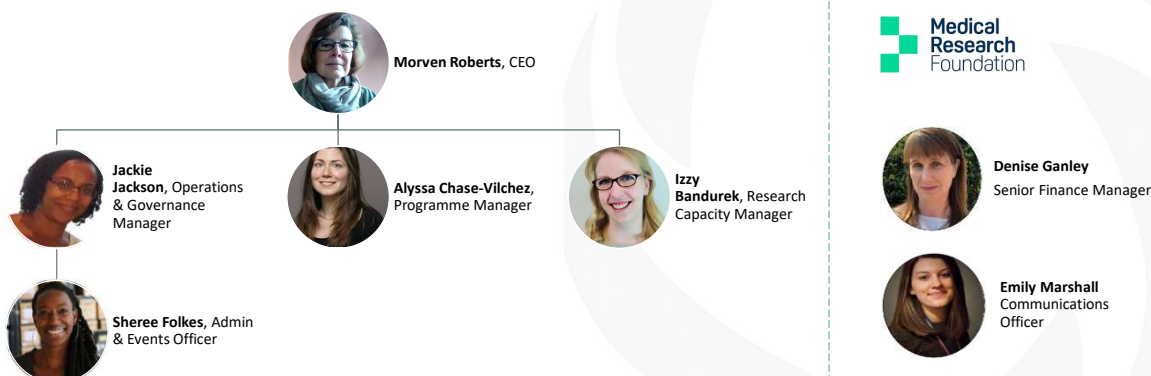
# GACD in 2020



www.gacd.org

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# GACD staff team



www.gacd.org

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# Message from GACD Associate Members (funding agencies)

Adam Chapman, Chair of the Programme Subcommittee



[www.gacd.org](http://www.gacd.org)

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# Update on GACD activities

Alyssa Chase-Vilchez, GACD Programme Manager

Izzy Bandurek, GACD Research Capacity Manager



[www.gacd.org](http://www.gacd.org)

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## GACD Research Network activities

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The infographic features a large, faint background graphic of a globe with curved lines. It lists six activities in dark teal boxes with corresponding icons: 'New database' (people and arrow), 'Working group updates' (clipboard), 'Implementation Science School' (monitor with person icon), 'Implementation Science e-Hub' (monitor with person icon), 'School & Workshop alumni' (monitor with person icon), and 'Digital health workshop' (laptop with globe).

**GACD** [www.gacd.org](http://www.gacd.org)

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## GACD Research Network activities

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This infographic is identical to the one on slide 7, but the 'New database' box and its icon are highlighted in orange. Below the 'New database' box, the text 'Thank you!' is written in orange.

**GACD** [www.gacd.org](http://www.gacd.org)


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## GACD Research Network activities


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New database




Working group updates



Implementation Science School


Implementation Science e-Hub

School & Workshop alumni



Digital health workshop

Concepts and context; NCD research in humanitarian crises; Indigenous populations; Multimorbidity; Systems approach to upscaling; Process evaluation; Data standardisation




www.gacd.org


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## GACD Research Network activities


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New database




Working group updates




Implementation Science School

Implementation Science e-Hub

School & Workshop alumni



Digital health workshop




www.gacd.org


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## GACD Research Network activities


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New database




Working group updates



Implementation Science School


Implementation Science e-Hub

School & Workshop alumni



Digital health workshop

Summer 2021  
Interactive workshop


www.gacd.org

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## Future GACD funding calls

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2021


2022

2023

NCD prevention in adolescents, young adults, and vulnerable other life stages

Interventions in urban environments to reduce NCD risk

Integrated management of multimorbidity


www.gacd.org

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# COVID-19 impacts on GACD mental health projects

Jill Murphy & Kenneth Fung, Mental Health Research Programme



[www.gacd.org](http://www.gacd.org)

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# NCD Multimorbidity working group update

Jan Boehnke, Multimorbidity risk factor and outcome measures

Natalie Leon & Josefien van Olmen, Multimorbidity policy brief



[www.gacd.org](http://www.gacd.org)

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# GLOBAL ALLIANCE FOR CHRONIC DISEASES POLICY BRIEF FOR RESEARCH AND ACTION ON MULTI-MORBIDITY IN LOW- AND MIDDLE-INCOME COUNTRIES

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GACD NCD Multimorbidity working group

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## BRIEF: RESEARCH AND ACTION ON MULTI-MORBIDITY IN LOW- AND MIDDLE-INCOME COUNTRIES

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### BACKGROUND AND RATIONALE

The GACD Researchers' Statement; 6 themes and 3 objectives

The GACD Policy brief: Applicability for funders, researchers and policy practitioners

### OBJECTIVE

- I. MULTI-MORBIDITY NEEDS MORE ATTENTION, MORE EVIDENCE AND MORE FUNDING
- II. HEALTH SYSTEMS CAN TAKE ACTION NOW AT A NATIONAL LEVEL
- III. BRIEF CAN BE ADAPTED FOR LOCAL CONTEXT

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**Disease burden of multimorbidity in LMICs is growing**

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**Multimorbidity worsens health outcomes and increases costs**

- **Lack of evidence and knowledge**
- 1. Understanding the size, causal factor and interactions of multimorbidity
- 2. Development and implementation of evidence-based strategies for prevention and treatment of multi-morbidity

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**ACTIONS FOR HEALTH SYSTEM TO ADAPT TO MANAGE MULTIMORBID DISEASE**

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- Clinical skills capacity building and tools
- Health service re-organising to promote comprehensive and integrated treatment approaches
- Re-organising and strengthening health system support functions
- Multi-sectoral collaboration and 'whole health' approach to address social determinants of disease

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## ACTIONS FOR HEALTH SYSTEM TO ADAPT TO MANAGE MULTIMORBID DISEASE

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- Advocating for and promoting community stakeholders (patient, caregivers, others) participation in shaping improved health service and systems approaches
- Strengthen the routine health information and surveillance systems to monitor disease burden and effectiveness of multi-morbid service delivery mechanisms
- Develop and implement a 'whole health' approach to policy development that promotes health and well-being across all societal policies (including innutrition, education, employment, safety and security, housing, transport)

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## DISCUSSION

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- Clarifications and questions about the Multi-morbidity brief
- Questions about research to inform policy and practice

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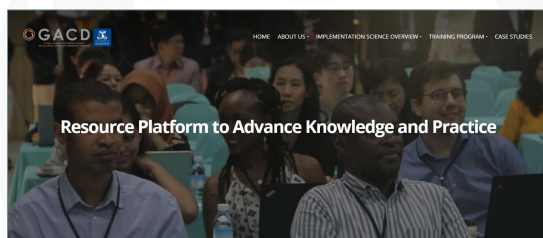
# The NEW Implementation Science e-Hub

Morven Roberts, CEO of GACD – Webinar A  
Zahra Aziz, Monash University – Webinar B

## GACD Implementation Science e-Hub

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- Online training platform for implementation science
- To extend reach .....



## Melbourne team



Ms. Yu Wen, MPH student, e-Hub project officer

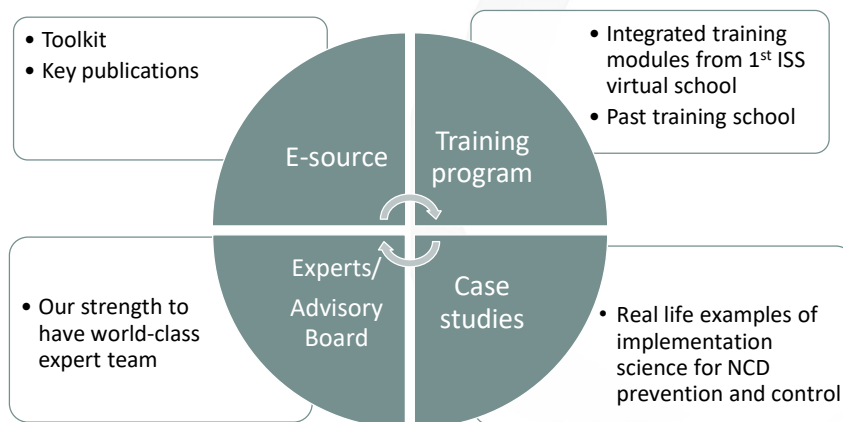


Prof. Brian Oldenburg, PI of the e-Hub project, Director of the WHO Collaborating Centre on Implementation Research for Prevention & Control of NCDs



Dr. Yingting (Tina) Cao, Research Fellow, e-Hub developer and project manager

## Core structure of the e-Hub





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## e-Hub 3.0 (present): [implementationscience-gacd.org](http://implementationscience-gacd.org)

**Resource Platform to Advance Knowledge and Practice**

Welcome to Our Implementation Science e-Hub

**GACD**

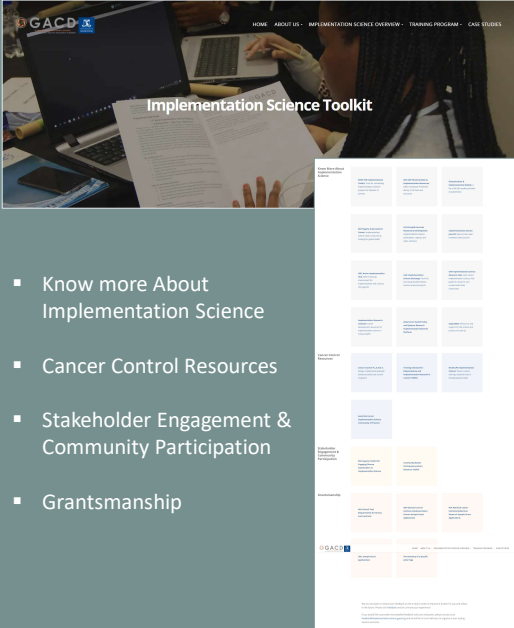
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The screenshot shows the landing page of the Implementation Science e-Hub. At the top, under the heading "Here You Can Find", there are three main sections: "Toolkit and Resources" (with a globe icon), "Training Program" (with a graduation cap icon), and "Case Studies" (with a book icon). Each section has a brief description of the content. Below these sections is a large orange banner with the text "New to Implementation Science? Let's Learn the Basics" and a "START NOW" button. The GACD logo is visible in the bottom left corner.

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This screenshot displays the user interface of the Implementation Science e-Hub training program. On the left, there is a header image with the text "Implementation Science e-Hub Training Program" and two buttons: "Go to Quiz" and "Quiz Coming Soon...". The main content area shows a list of training sessions, each with a title, a description, and a "START NOW" button. On the right, there is a "Congratulations!" message indicating that the user has finished all 12 sessions, with a "GET SELF-CERTIFICATION" button. The GACD logo is in the bottom left corner.

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**Implementation Science Toolkit**

- Know more About Implementation Science
- Cancer Control Resources
- Stakeholder Engagement & Community Participation
- Grantsmanship

**Know More About Implementation Science**

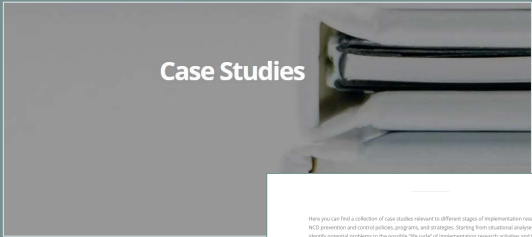
- NIH DDP Implementation Toolkit: Tools for conducting implementation research projects for diseases of poverty
- NIH DDP Dissemination & Implementation Research: Office of Disease Prevention: Library of US laws and resources
- Dissemination & Implementation Models: A list of 40 models and their characteristics
- NIH Fogarty International Center: Implementation Science: needs, resources & funding for global health
- US VA Health Services Research & Development: Implementation Science publications, reports, and open-access
- Implementation Science Journal: Open access, peer-reviewed primary journal

**Stakeholder Engagement & Community Participation**

- NIH Fogarty Toolkit for Engaging Diverse Stakeholders in Implementation Science
- Community-Based Participatory Action Resource Toolkit

**Grantsmanship**

- NIH Clinical Trial Requirements for Grants and Contracts
- NIH National Cancer Institute Implementation Science Sample Grant Applications
- NIH National Cancer Institute Behavioral Research Sample Grant Applications



**Case Studies**

Here you can find a collection of case studies relevant to different stages of implementation research of NCD prevention and control policies, programs, and strategies. Starting from situational analyses to identify potential problems to the possible 'the right' or implementation research activities and finally to scale up and economic evaluation, these case studies are true examples of implementation research in the real world.

- Situational Analysis - Diabetes Prevention, India
- Knowledge Synthesis - Tobacco-related NCDs and plain packaging policies, India
- Adapting Interventions - Hypertension, Mongolia
- Establishing Acceptability - Respiratory Diseases, Senegal
- Considering Reach - Diabetic Foot, India
- Scaling Up - Physical Activity Interventions, Brazil

**Want to know more about Implementation Science in real world? Check out the videos below!**

- Program Design and Implementation - Kerala Diabetes Prevention Program, India
- Cultural Adaptation - StopCholera, Somalia/India

We are very keen to receive your feedback on the emails in order to improve it further for you and others in the future. Please click [feedback](#) and let us know your experience!

If you would like to provide more detailed feedback and user evaluation, please contact us at [feedback@implementation-science.org](mailto:feedback@implementation-science.org) and we will be in touch with you to organize a user testing session via Zoom.

**▼ Situational Analysis - Diabetes Prevention, India**

**▶ Knowledge Synthesis - Tobacco-related NCDs and plain packaging policies, India**


**▶ Adapting Interventions - Hypertension, Mongolia**

**▶ Establishing Acceptability - Respiratory Diseases, Senegal**

**▶ Considering Reach - Diabetic Foot, India**

**▶ Scaling Up - Physical Activity Interventions, Brazil**

**▼ Program Design and Implementation - Kerala Diabetes Prevention Program, India**



Watch on YouTube

## Future development of e-Hub during 2021



## e-Hub International Advisory Board



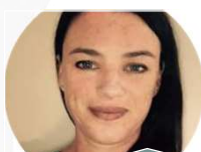
Dr Zahra Aziz, Monash University & University of Melbourne, Australia



Dr Catherine Kyobutungi, APHRC, Kenya



Dr Vilma Irazola, IECS, Argentina



Dr Rachel Sturke, Fogarty International Center (NIC), USA



Dr Karin Geffart, WHO European Office for NCDs, Russia



Dr Edward Gregg, Imperial College London, UK



Dr David Peters, Johns Hopkins University, USA



Dr Pilvikki Absetz, University of Eastern Finland, Finland





Dr Lijing Yen, Duke Kunshan University, China



Dr. Rajesh Vedanthan, NYU, USA

# Closing remarks

Morven Roberts  
CEO of GACD



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# Thank you

Stay in touch

Website: [www.gacd.org](http://www.gacd.org)  
Twitter: @gacd\_media  
Email: [science@gacd.org](mailto:science@gacd.org)



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