

# Center for Integration Science in Global Health Equity WHO Centre for Integration Science and Service Delivery **SECOND ANNUAL SYMPOSIUM**

*From Local Innovation to National Scale to Global Impact –  
Integration Science as an Engine of Change and an Agenda for Action*

14 March 2024 • 9:00AM – 1:30PM  
Rotunda Room (third floor), Harvard Medical School  
Joseph B. Martin Conference Center  
77 Avenue Louis Pasteur, Boston, MA 02115

## **Background**

The [Center for Integration Science](#) (CIS) at Brigham and Women's Hospital was founded in 2022 by Dr. Gene Bukhman to accelerate the just redistribution of resources in the interest of global health equity. The CIS accomplishes its goal by identifying gaps in groups of related health services, and by building multi-disease coalitions to bring those services to the poorest billion.

The CIS is a joint initiative of the Program in Global Noncommunicable Disease and Social Change at Harvard Medical School, the NCD Synergies project at Partners In Health, and the Division of Global Health Equity at BWH.

In 2023, the CIS was designated as the WHO Centre for Integration Science and Service Delivery.

The Center's vision and agenda grow out of:

1. The analysis of the *Lancet* Noncommunicable Diseases and Injuries of Poverty (NCDI Poverty) Commission, which called for a new Science of Integration to address the diversity and severity of the NCD burden among the world's poorest people.
2. The work of the [NCDI Poverty Network](#), a group of 22 low- and lower-middle-income countries (and growing) implementing the recommendations of the Commission.
3. The experience developing and scaling the Package of Essential NCD Interventions-Plus (PEN-Plus) strategy for severe chronic NCDs such as type 1 diabetes, childhood heart disease, and sickle cell disease.

The Center now serves – together with the Universidade Eduardo Mondlane in Mozambique – as the co-secretariat for the NCDI Poverty Network and its global PEN-Plus Partnership. In 2022, all 47 member states of WHO's African Region committed to high-levels of PEN-Plus implementation.

The Center is now working to develop the scientific basis for integrated health service delivery models and integrated social movements. The CIS provides a platform for clinicians, researchers, academics, and program, policy, and advocacy specialists to collaborate with each other and with partners in lower-income countries to address some of the biggest challenges in global health today.

## Objectives

The objectives of the Symposium are to:

- To officially launch the WHO Collaborating Centre on Integration Science and Service Delivery
- To present the progress being made through the global PEN-Plus Partnership for people living with severe chronic NCDs such type 1 diabetes, childhood heart disease, and sickle cell disease in more than 14 countries
- To provide updates regarding expansion of the NCDI Poverty Network
- Explore the concept of biological citizenship as it relates to the development of integrated social movements
- Discuss methodological advances in health system assessment being made to identify opportunities for service delivery integration

## Key Audiences

Key audiences for the Symposium include:

- The Harvard/Longwood community, including HMS, HSPH, the Harvard School of Dental Medicine, and the Harvard teaching hospitals
- Member institutions and key partners of the NCDI Poverty Network and its PEN-Plus Partnership, including:
  - national commissions, governments, and implementing partners
  - intergovernmental organizations (e.g., WHO, WHO AFRO, UNICEF)
  - bilateral funding agencies
  - national, regional and global policy, advocacy and financing organizations
- Existing and potential supporters of the CIS

**Agenda:**

Time	Speaker & Segment
8:30 – 9:00AM	<b>Coffee and pastries</b>
9:00 – 9:05AM	<b>Welcome</b> <b>Gene Bukhman</b> , Executive Director, Center for Integration Science
9:07 – 9:17AM	<b>Launch of CIS as WHO Collaborating Centre on Integration Science and Service Delivery</b> <ul style="list-style-type: none"> <li>• <b>Bente Mikkelsen</b>, Director of Noncommunicable Diseases, UHC/Communicable and Noncommunicable Diseases Division, World Health Organization (video address)</li> <li>• <b>Alma Adler</b>, Research and M &amp; E Director, Center for Integration Science</li> </ul>
9:19 – 9:24AM	<b>Welcome Address</b> <ul style="list-style-type: none"> <li>• <b>Bruce Levy</b>, Chair, Department of Medicine and Chief, Pulmonary and Critical Care Medicine Division, Brigham and Women's Hospital</li> </ul>
9:26 – 9:36AM	<b>Opening Remarks</b> <ul style="list-style-type: none"> <li>• <b>Gene Bukhman</b>, Executive Director, Center for Integration Science</li> </ul>
9:38 – 10:08AM	<u>Panel Discussion:</u> <b>Integration Science and the NCDI Poverty Network, GHDP, and PIH theories of change</b> <u>Moderator:</u> <b>Gene Bukhman</b> Executive Director, Center for Integration Science <u>Panelists:</u> <ul style="list-style-type: none"> <li>• <b>Ana Mocumbi</b>, Co-Chair, NCDI Poverty Network; Associate Professor, Universidade Eduardo Mondlane, Mozambique</li> <li>• <b>Joseph Rhatigan</b>, Chief, Division of Global Health Equity, BWH; Chair, Global Health Delivery Partnership; Chair, Board of University of Global Health Equity</li> <li>• <b>Salmaan Keshavjee</b>, Professor of Global Health and Social Medicine, Harvard Medical School</li> <li>• <b>Cate Oswald</b>, Principal Chief Program Officer, Partners In Health</li> </ul>
10:10 – 10:40AM	<u>Panel Discussion:</u> <b>Biocitizenship – Meaningful engagement for people living with disease in settings of extreme poverty</b> <u>Moderator:</u> <b>Apoorva Gomber</b> , Associate Advocacy Director, Center for Integration Science <u>Panelists:</u> <ul style="list-style-type: none"> <li>• <b>Ruth Ngwaro</b>, Voices for PEN-Plus advocate; Co-Founder, Kenya Mended Heart Association</li> <li>• <b>Maia Olsen</b>, Technical and Implementation Consultant, Global Coordination Mechanism on the Prevention and Control of NCDs, World Health Organization</li> <li>• <b>Jon Shaffer</b>, Assistant Professor of Sociology, University of Vermont</li> <li>• <b>Yogesh Jain</b>, NCDI Poverty Network Steering Committee; Public health practitioner and activist, Sangwari, Chhattisgarh state, India</li> </ul>
10:40 – 10:55AM	<b>Coffee Break</b>

Time	Speaker & Segment
10:55 – 11:25AM	<p><u>Panel Discussion:</u> <b>Malawi case study – PEN-Plus as a fulcrum for progressive decentralization and integration of services for severe NCDs</b></p> <p><u>Moderator:</u> <b>Emily Wroe</b>, Director of Programs, Center for Integration Science</p> <p><u>Panelists:</u></p> <ul style="list-style-type: none"> <li>• <b>Luckson Dullie</b>, Chief Leadership Development and Engagement Officer, Partners In Health</li> <li>• <b>Bright Mailosi</b>, NCD Clinician, Partners In Health Malawi; MMSc-GHD '24, Harvard Medical School</li> <li>• <b>Basimenye (Sime) Nhlema</b>, Executive Director, Partners in Health Malawi</li> <li>• <b>Jones Kaponda Masiye</b>, Manager for Non-Communicable Diseases, Food Security, and Nutrition, East, Central and Southern Africa Health Community; former Deputy Director of Noncommunicable Diseases and Mental Health Clinical Services for the Ministry of Health, Malawi</li> <li>• <b>Neil Gupta</b>, Director of Policy, Center for Integration Science</li> </ul>
11:27 – 11:57AM	<p><u>Panel Discussion:</u> <b>Integration Science and the future of facility assessments</b></p> <p><u>Moderator:</u> <b>Chantelle Boudreaux</b>, Associate Director for Integration Research, Center for Integration Science</p> <p><u>Panelists:</u></p> <ul style="list-style-type: none"> <li>• <b>Ryan McBain</b>, Health Economist; Lead Investigator, Center for Integration Science</li> <li>• <b>Gene Kwan</b>, Cardiologist; Assistant Professor of Medicine, Boston University</li> <li>• <b>Kjell Arne Johansson</b>, Professor of Medical Ethics and the Philosophy of Science; Deputy Director, Bergen Center for Ethics and Priority Setting (BCEPS), University of Bergen</li> <li>• <b>Solomon Tessema Memirie</b>, Addis Centre for Ethics and Priority Setting (ACEPS), Addis Ababa University</li> <li>• <b>Barkhá Vijendra</b>, Researcher, Universidade Eduardo Mondlane</li> </ul>
11:59-12:29PM	<p><u>Closing Panel Discussion:</u> <b>Integration Science as the Engine for Global Health Equity</b></p> <p><u>Moderator:</u> <b>Neil Gupta</b>, Director of Policy, Center for Integration Science</p> <p><u>Panelists:</u></p> <ul style="list-style-type: none"> <li>• <b>Emily Wroe</b>, Director of Programs, Center for Integration Science</li> <li>• <b>Alma Adler</b>, Research and M &amp; E Director, Center for Integration Science</li> <li>• <b>Apoorva Gomber</b>, Associate Advocacy Director, Center for Integration Science</li> <li>• <b>Jane Barrow</b>, Executive Director, Initiative to Integrate Oral Health and Medicine, Harvard School of Dental Medicine</li> </ul>
12:31-12:40PM	<p><b>Closing Remarks</b></p> <p><b>Gene Bukhman</b>, Executive Director, Center for Integration Science</p>
12:40 – 1:30 PM	<p><b>Lunch</b></p>