

Preliminary Program for the World Non-Communicable Diseases Congress 2023



3rd in the series
WORLD NCD CONGRESS 2023
Equitable and Sustainable Health for All

3^e congrès
CONGRÈS MONDIAL 2023
des **maladies non transmissibles**
Santé équitable et durable pour tous

June 25-30 juin 2023 – Metro Toronto Convention Centre

torontownc2023.org **#WNCD2023**

Pre Congress Workshops

Pre-Congress workshops are open to all registered delegates.

Sunday, June 25, 2023

Time	Room	Session number	Topic and individual presentation titles	Speakers	Sponsor/supporter
1:00 pm – 4:30 pm	104A	PC1	Equitable Health Research		Canadian Institutes of Health, Institute of Cardiovascular and Respiratory Health and the Institute of Population and Public Health.

Monday, June 26, 2023

Time	Room	Session number	Topic and individual presentation titles	Speakers	Sponsor/supporter
8:30 AM – noon	104 A	PC1	Equitable Health Research (continued from day 1) .		Canadian Institutes of Health, Institute of Cardiovascular and Respiratory Health
8:30 – noon	104 B	PC4	Introduction to the Global Alliance for Chronic Diseases	M. Roberts N.D.S. Zarowsky M. Levitt M. Batal G. Agarwal	The Global Alliance for Chronic Diseases (GACD)
12:30-4:15 pm	104 B	PC3	Addressing mental health disparities across the lifespan in Virginia. #####. Welcome and history of the HealthEquity Collaboration of Virginia. #####. Unique characteristics of the Commonwealth of Virginia, significant health and mental health disparities and regional educational strategies	M. Bartholmae (mod) S. Dodani C. Romero S. Johnson & I. Lundy	Sponsored and organized by the Eastern Virginia Medical School

			<p>####. Partnerships between grassroots communities and health systems to advance health equity and address mental health in seniors.</p> <p>####. Collaborative approach to opioid use disorder in rural settings.</p> <p>####. The Hampton VA Medical Center’s mission to reduce disparities, provide access and integrated care to veteran populations in Hampton Roads community.</p>	<p>C. Rafie</p> <p>S. Mulpur</p>	
1:30 – 3:30	104 C	PC2	<p>Diabetes 100 years after insulin: How the WHO Global Diabetes Compact is advancing Banting and Best’s legacy.</p> <p>Agenda and topics TBD</p>	TBD	Organized by the World Health Organization

Main Program

The program is only available for registered delegates attending in person at the Congress venue. Due to low demand, live digital transmission of sessions are not available. Recordings of selected sessions may be available on a fee for service basis after the close of Congress.

Making the most of your experience.

Sessions are divided into opening and closing events, plenary sessions, breakfast symposia, and concurrent events whereby delegates have the option of selecting from up to six simultaneous sessions. Posters and Exhibits are located in Room 105 of Constitution Hall and will be available to delegates from 8:30 am on June 27 to 11:00 am on June 30.

Most sessions relate to one (or more) of Congresses six sub-themes. Each theme has a designated colour to help you navigate the program. Delegates may attend sessions related to any of the sub-themes.

Black: A session which relates to all themes. All people are encouraged to attend plenary sessions.

Orange: Reducing inequalities in the prevalence, treatment, and impact of NCDs

Green: Recognizing and preparing for the impact of climate change on NCDs

Blue: New perspectives, research, practices, policies, and technologies to reduce the burden of NCDs

Purple: Understanding the impact of NCDs across the human lifespan

Red: Identifying solutions for reducing the burden of NCDs across diseases, determinants, and disciplines.

Gold: Improving NCD related governance, multi-lateral collaboration, research translation and health care systems

Monday, June 26

To view abstracts of a session click on the session number located in the third column from the left.

Time	Room	Session number	Topic and individual presentation titles	Speakers	Affiliation
4:30 pm - 5:30	102	X1	Welcome, orientation, and opening remarks	Prof. Arun Chockalingam Sir George Alleyne Dr. Bente Mikkelsen	Chair, 3 rd World NCD Congress Director Emeritus, Pan American Health Organization Director of Non-communicable Diseases, World Health Organization
5:30 pm – 6:30 pm	104 D		Reception and networking		

Tuesday, June 27

To view abstracts of a session click on the session number located in the third column from the left (e.g., P1, C 33, etc.) .

Please visit room 105 to see poster presentations and exhibits Tuesday through Thursday from 8:30 am to 4:00 pm or Friday from 8:30 am to 11:00 am.

Time	Room	Session number	Topic and individual presentation titles	Speakers	Affiliation
7:35 am – 8:45 am	104A	B2	From Implementation research to policy change in NCD prevention and care.	V. Irazola A Rubinstein	Institute for Clinical Effectiveness and Health Policy (Argentina)
9:00 am – 10:30 am	102	P1	Plenary presentation theme: Reducing inequalities in the prevalence, treatment, and impact of NCDs ####. Social justice and health equity.	Prof. Paul McDonald (Session Chair) Sir Michael Marmot	Chair WNCN Scientific and Program Committee Professor of Epidemiology at University College London UK and special Advisor to the

			####. Reducing NCDs among Indigenous Populations	Senator Margo Greenwood	Director General of the WHO on the Social Determinants of Health. Canadian Senator and former Scientific Director of the CIHR Institute for Indigenous Peoples Health. Canada
10:30 am – 11:00 am	104D		Refreshment break		
11:00 am – 12:30 am	103B	C7	NCD Prevention. How the WHO is addressing alcohol, unhealthy diets and other NCD risk factors. Titles TBD	TBD Katrin Engelhardt Juan Tello.	Organized by the World Health Organization
	201C	C18	Strategic approach to NCD control: the development of new PHC models of care.	H. Hui Y.N. Rupasinghe O. Doroshenko A. Koziel	Session organized with the assistance of the World Bank Group.
11:00 am – 12:30 pm	201B	C23	The brain-heart connection.	TBD	Support provided by the Ottawa Heart Institute.
11:00 am – 12:30 pm	201D	C27	Indigenous approaches to NCDs across the lifespan. 2464. Resource to a community: Engaging community. 2365. Community wellness with a smile. 2371. Sturgeon Lake First Nation: The Green Light program has improved health and wellbeing. 2368. Sturgeon Lake First Nation: <i>Mamawohkamatowin</i> (working together) to enhance respiratory health.	Chair: TBD David Ponka M. Ogenchuk S. Bighead. V. Ramsden C. Longjohn	Assistance provided by the U. of Saskatchewan and Sturgeon Lake First Nation

			<p>2375. Sturgeon Lake First Nation: Case management in primary care created with individuals who have chronic disease and require complex care.</p> <p>2382. Omayal Achi Community Health Centre: Community kiosk screening of hypertension and diabetes in adults.</p>	<p>N. Rabbitskin et. al.</p> <p>S. Kanchana et al.</p>	
11:00 am – 12:30 pm	103 A	C33	<p>The impact of early life environments on the development of NCDs in later life.</p> <p>3071. The epigenetic burden driving cardiovascular disease begins before birth.</p> <p>3013. Developmental origins of noncommunicable chronic diseases (NCDs): Is early intervention possible?</p> <p>3019. Society, pregnancy, postpartum and infant neurodevelopment: Exploring links between social location, biological mediators, and health outcomes through a SOHaD lens.</p> <p>3061. The environment and the developing brain: From neuron to global health.</p> <p>3068. Community-based approaches in translating DOHaD concepts to promote health behaviour change and reduce NCD risk.</p>	<p>Chair: T. Regnault</p> <p>K. Thornburg</p> <p>S. Davidge</p> <p>M. Ospina</p> <p>S. Matthew</p> <p>D.M. Sloboda</p>	<p>Support and organization provided by DaHAD Canada and Prof. Brian Rowe.</p>
	201A	C28	<p>Preventing kidney disease: The role of robust surveillance, targeted screening with a focus on social and environmental determinants of health</p> <p>3140. Dynamic surveillance systems for equity conscious kidney disease.</p>	<p>R. Saran (moderator)</p> <p>R. Saran</p>	<p>Organized by the Kidney Epidemiology and Cost Centre in the School of Public Health at the University of Michigan.</p>

			<p>3137. The use of risk prevention modelling in kidney disease: An example from the U.S. Veteran’s Health Administration.</p> <p>3138. The kidney-diabetes-cardiovascular nexus: Prevention and therapeutic strategies.</p> <p>3139. Social and environmental determinants of health: Upstream drivers of disparities in kidney disease.</p>	<p>J. Bragg-Gresham</p> <p>J. B. Byrd</p> <p>Y Han</p>	
12:30 am – 2:00 pm	104D		Light lunch provided for speakers and delegates		
2:00 pm – 3:30 pm	102	P2	<p>Plenary presentation theme: Recognizing and preparing for the impact of climate change on NCDs.</p> <p>####. Climate change and NCDs</p> <p>####. Climate change and NCDs</p>	<p>Prof. James Orbinski (Session chair)</p> <p>Sir Andy Haines (via video conference)</p> <p>Dr. Padma Bhushan K. Srinath Reddy</p>	<p>Director, Dahdaleh Institute for Global Health Research, York University.</p> <p>Professor of Environmental Change and Public Health, Centre on Climate Change and Planetary Health, London School of Hygiene & Tropical Medicine, UK</p> <p>President, Public Health Foundation of India.</p>
3:30 pm – 4:00 pm	104D		Refreshment break		
4:00 pm – 5:30 pm	103A	C2	<p>Non-communicable disease and aging across the lifespan.</p> <p>2341. Non-communicable diseases and aging across the lifespan: The influence of the social and economic determinants on biological aging and morbidity.</p> <p>2342. Aging, multi-morbidity and cellular senescence: The path to translation</p>	<p>Chair: Dr. P. Raina</p> <p>L.M.F Gutierrez & M.F Luis</p> <p>J. Kirkland</p>	<p>Assistance provided by the McMaster Institute for Research on Aging</p>

			2447. Association between adverse childhood experiences, biological aging, and the multi-morbidity in mid-aged and older adults. Results from the Canadian Longitudinal Study on Aging.	P. Raina	
	103B	C6	Unique aspects of cardiovascular disease risk in women	T. Coutinho H. Garuba K. Neremberg R. Mankad	Assistance provided by the Ottawa Heart Institute
	201A	C10	Meet the leaders: An opportunity for delegates to meet informally with plenary speakers	Senator Margo Greenwood Prof. Michael Marmot Dr. Srinath Reddy	
	201B	C14	The role of behavioural sciences in tackling NCDs. ####. Evidence around the globe on the use of behavioural science in NCD policy ####. A framework on the behavioral aspects of healthy longevity. ####. Using behavioural nudges to promote healthy diets: Examples from virtual supermarket RCTs. ####. Behavioural diagnostics to support take-up preventive health services in Poland.	Chair: Z. Afif E. Altieri C, Riumallo Herl & A.M. Rojas Mendez E. Finkelstein. M Dugas.	Arranged with the organizational assistance of the World Bank Group World Health Organization Erasmus University World Bank Group. Duke NUS Medical School World Bank Group

			####. Can low-cost reminders to family physicians and service users increase the take-up of secondary health services? The impact evaluation of new healthy living centres in Turkey.	E. Moscone.	World Bank Group
			####. The use of the behavioural approach in Saudi Arabia: A behavioural toolkit for health.	M.H. Alhajji.	Ministry of Health, Saudi Arabia.
	201C	C40	<p>Progress challenges, and opportunities to enhance diet and physical activity.</p> <p>2232. Empowering communities to address dietary practices to reduce the risk of common NCDs using community-based health promotion.</p> <p>2171. Is the use of a nutritional supplement a valid approach to treat and prevent cardiovascular disease?</p> <p>2455. Innovative methods and technology to assess and address food environments for NCD prevention.</p> <p>2105. Traditional surveys versus ecological momentary assessments: Digital citizen science approaches to improve ethical physical activity surveillance.</p> <p>2449. Reducing cancer risk through physical activity.</p> <p>2253. Co-designing healthy active living interventions with families, service providers and community members in Hamilton, Ontario. A SCORE! Project.</p>	<p>Chair : TBD</p> <p>M. Fernando</p> <p>G. Pierce</p> <p>K. Raine et al.</p> <p>S.T. Ibrahim</p> <p>I.S. Neil-Sztramko et al.</p> <p>N. Ross</p>	
	201D	C41	Addressing the challenges of chronic conditions	<p>Chair: TBD</p> <p>M. Ta, et al.</p>	

		<p>2162. Major declines in resources to deliver population-based approaches for chronic disease prevention in Canada during the COVID pandemic. Results from PHORCAST.</p> <p>2418. Increasing centralization of Canada’s infrastructure for chronic disease prevention and healthy lifestyle promotion. Evidence from PHORCAST 2004-2023.</p> <p>2201. Emerging mental health and wellness through authentic engagement: A strength-based approach.</p> <p>2308. NCD program performance review(NRP) score: A tool for evaluation of NCD programs.</p> <p>2479. Burden of kidney failure and capacity for care across world regions and countries in 2023. Results from the International Society of Nephrology.</p> <p>3002. Multiple Sclerosis disease modifying drugs and risk for adverse perinatal and pregnancy outcomes: Results from a population-based cohort study.</p>	<p>M. Ta, et al.</p> <p>U. Okpalauwaekwe et al.</p> <p>A.A. Alwani et al.</p> <p>A Bello</p> <p>K. Fink et al.</p>	
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Wednesday June 28

To view abstracts of a session click on the session number located in the third column from the left.

Time	Room	Session number	Topic and individual presentation titles	Speakers	Affiliation
9:00 am – 10:30 am	102	P3	<p>Plenary presentation theme: New perspectives, research, practices, policies, and technologies to reduce the burden of NCDs</p> <p>####. Infodemic: The battle continues. Overcoming health conspiracy and harmful misinformation.</p> <p>####. Promoting health eating through network and systems science approaches</p>	<p>Chair: Prof. Paul McDonald</p> <p>Prof. Tim Caulfield</p> <p>Prof. Kayla de la Haye</p>	<p>Chair of the Scientific and Program Committee</p> <p>Canada Research Chair in Health Law & Policy; Professor, Faculty of Law and School of Public Health at the University of Alberta, Canada</p> <p>Professor of Population and Public Health Sciences at the University of California, USA</p>
10:30 am – 11:00 am	104D		Refreshment break		
11:00 am – 12:30 am	201B	C1	<p>Supporting Access to cardiovascular disease prevention and rehabilitation across the globe.</p> <p>2133. First report of the International Council of Cardiovascular Prevention and Rehabilitation Registry (ICRR).</p> <p>2144. Determining worldwide status of cardiac rehabilitation availability, reach, content and quality: ICCPR global audit.</p> <p>2135. Cardiovascular Rehabilitation Foundation Certificate: An opportunity for healthcare providers to learn about cardiovascular rehabilitation.</p>	<p>Chair: TBD</p> <p>M.J. Oliveros</p> <p>S.L. Grace</p> <p>G. Ghisi</p>	<p>Organized by the International Council of Cardiovascular Prevention and Rehabilitation</p>

			<p>2136. Advocacy for access to cardiac rehabilitation for all cardiovascular disease patients: ICCPR mission, member, resources and activities.</p> <p>2145. Promotion and advocacy for secondary prevention of cardiovascular disease through cardiac rehabilitation: The ICCPR reach, activities and outcomes.</p>	<p>G. Ghisi</p> <p>G. Ghisi</p>	
	201D	C8	<p>The impact of global environmental change on NCDs</p> <p>2436. Gendered and geographical effects of environmental degradation on non-communicable diseases: Evidence from global atmospheric emissions and WHO Sage data.</p> <p>2467. Exposure to carbon monoxide is associated with reduced lung function among adults in informal settlements in Accra.</p> <p>2444. Predictive qualitative model: Climate change impacts on ocean and non-communicable diseases.</p> <p>2413. Impaired kidney function among coastal population in Bangladesh: Current status and future direction.</p> <p>2471. Psychometric properties of tools to assess eco-anxiety and solastalgia among coastal Bangladesh.</p> <p>2468. An exploration of prevalence and risk factors of diabetes in the costs of Bangladesh. A cross sectional study.</p> <p>2441. Non communicable diseases and risk factors in coastal areas of Bangladesh. A cross sectional study on saline affected people</p>	<p>Chair: Godfred Boateng</p> <p>G. Boateng</p> <p>R. Qansah.</p> <p>B. Talukeler</p> <p>M. Salwa</p> <p>M. Salwa</p> <p>A Tasnim.</p> <p>M. Haque Khan</p>	<p>Financial and organizational support provided by the Dahdaleh Institute for Global Health Research at York University.</p>

			2427. Exposure to smoke and the risk of anemia among slum dwellers in Accra, Ghana.	E. Acheampong	
	201A	C15	Countdown to 2030: Addressing the stubborn obesity challenge in Saudi Arabia.	Chair: S. El-Saharty R. Alsukait S. Rakic Z. Shubber T. Al-Ghaith F. Carpentier S. Alqahtani	Organizational support provided by the World Bank
	201 C	C19	NCD Control: Implementation toolbox for low and middle-income countries. ####. PHC reform in Ukraine ####. Digitization solution in selected countries of Central Europe ####. Chronic disease management in PHC integrated care model. ####. NCDs cascades analytical work providing practical solutions on the example of North Macedonia.	Chair : TBD O. Doroshenko TBD TBD F. Secci	Organizational support provided by the World Bank
	103A	C24	HiLife: Global NCD solutions ####. Implementing <i>HILIFE</i> Multi-Disciplinary Digital Interventions for Improving Noncommunicable Diseases Outcomes Globally. ####. Empowering Patients through Connected Care Solutions.	A Chockalingam (Chair) A. Chockalingam, I. Thiyagarajan, S. Dorairajan S. Kuppuswamy, M. Rajendran	Financial and organisational support provided by the University of Missouri

			<p>####. HiLife in reducing the impacts of social determinants of obesity.</p> <p>####. HiLife Patient Empowerment and Self-Care through the Integration of Digital Technologies and AI.</p> <p>####. Longitudinal Monitoring of Mental Health Outcomes in Cardiovascular Disease: A HiLife Approach.</p> <p>####. Can Intuitive Eating help eradicate Global Hunger by 2030?</p> <p>####. Hi Buddy: An Intuitive AI Digital Therapeutic Platform for Reducing Loneliness.</p>	<p>M. Singaram, T. Sundaram, S. Singh</p> <p>I Thiyagarajan, S. Singh, M. Singaram</p> <p>S. Singh, L. Anand, T. Sundaram</p> <p>L. Anand, S. Singh, M. Singaram, A. Chockalingam</p> <p>T. Sundaram, I. Thiyagarajan</p>	
	103B	C37	<p>New technologies for NCD control and prediction</p> <p>2402. Early predication and classification of skin cancer using generative adversarial network with densenet architecture.</p> <p>2458. Sustainable adoption of digital health innovations and considerations for chronic NCDs management in Africa.</p> <p>2188. Comparing performance of federated machine learning and centralised machine learning for predicting ICU mortality using multi-institutional data.</p> <p>2440. A machine learning model coupled with a human-machine interface for predicting and diagnosing cardiovascular diseases.</p>	<p>Chair: TBD</p> <p>R. Panneerselvam et al.</p> <p>A Taofeekat</p> <p>K. Kishore</p> <p>P. Python et al.</p>	

			<p>2250. Machine learning graphical user interface development environment (ML-GUIDE) for training machine learning models for healthcare.</p> <p>3092. Utilizing immersive technology in patient and nursing education to improve patient outcomes in NCDs.</p>	<p>T. Singh et al.</p> <p>K. Vijayaraghavan et al.</p>	
12:30 am – 2:00 pm	104D		Light lunch provided for speakers and delegates		
2:00 pm – 3:30 pm	102	P4	<p>Plenary presentation theme: Understanding the impact of NCDs across the human lifespan.</p> <p>####. Reducing NCD burden among children and youth.</p> <p>####. The biology of aging and NCDs</p>	<p>Chair: Grant Pierce</p> <p>Prof. Zulfiqar Bhutta</p> <p>Prof. Nir Barzilai</p>	<p>Member, Scientific Committee</p> <p>Robert Harding Chair in Global Child Health at the Hospital for Sick Children, Toronto</p> <p>Director, Institute of Aging at the Albert Einstein College of Medicine, USA</p>
3:30 pm – 4:00 pm	104D		Refreshment break		
4:00 pm – 5:30 pm	201B	C34	<p>Progress and opportunities for national and international tobacco control</p> <p>2383. Impact of cigarette prices on cigarette sales and consumption in Malaysia.</p> <p>2443. Improving the equitable global governance of tobacco control using global legal epidemiology.</p> <p>2255. Effects of pictorial warning on tobacco product packets: A cross sectional study among higher secondary students in Nepal.</p> <p>2098. Hypertension and its correlates among pregnant women consuming tobacco in India. Findings from the National Family Health Study.</p>	<p>Chair: TBD</p> <p>W.K. Bui</p> <p>M.J. Poirier et al.</p> <p>S. Jyoti et al.</p> <p>S. Grover</p>	

			<p>2293. The tobacco burden of disease in Latin America: Are men and women equally effected?</p> <p>3014. Tobacco tax research in West Africa and policy change: Lessons learned.</p>	<p>A Alcaraz</p> <p>H. Ross</p>	
4:00 pm - 5:30 pm	201A	C11	Meet the leaders: An opportunity for delegates to meet informally with plenary speakers	<p>T. Caulfield, K. de la Haye, Z Bhutta, N. Barzilai</p>	
	201C	C38	<p>Population approaches to NCD prevention, treatment and rehabilitation</p> <p>2108. The application of multiple statistical techniques to predict factors affecting NCDs among the OECD countries.</p> <p>2034. Implementation of intensified population-based screening and diagnosis of hypertension and diabetes among rural adults of northern India in routine programmes.</p> <p>2134. Development and evaluation of the International Council of Cardiovascular Prevention and rehabilitation (ICCP) program certification.</p> <p>2428. Identification of clusters of individuals at high risk for NCD-related mortality: A report from the Prospective Urban and Rural Epidemiological (PURE) biomarker....</p> <p>2274. An innovative regional legislative framework to effectively address commercial and environmental determinants of Non-communicable diseases in the Pacific.</p>	<p>Moderator TBD</p> <p>Ampon—Wireko, Sabina</p> <p>Soundappan, Kathirvel.</p> <p>Fabbiha Raidah</p> <p>Marie Pigeyre, Shuang Di et al.</p> <p>Nabnita Patnaik, Kumar G Mishra et al.</p> <p>Gurmeet Ide Singh</p>	

			2174. Non-communicable diseases and its risk factors among pregnant women: A population-based implementation research under programmatic setting in Northern India.		
	103A	C16	Multi-sectoral strategy to tackle NCDs: The unaffordable cost on human capital.	S. El-Saharty (mod), C Herbst, V Cetinkaya, S Rakic, A Alqunaibet, S Wen Ng, S Albalawi, F Al Kattan, R Alsukait, M Hamza	
	201 D	C22	Implementation of NCD Programs in Low Resources Settings: Successes and Challenges from the Field Perspective 2066. SUCCEED: Supporting cervical cancer screening and treatment in rural district hospital in Mozambique. Cascade strategy to identify bottlenecks. 2067. Prevalence and one year progression of diabetic retinopathy in adults: An implementation experience in Masvingo Provincial Hospital, Zimbabwe. 2070. Providing diabetes and hypertension care in rural Masvingo, Zimbabwe: Experiences and lessons learned. 2069. Improving access to oral health services in rural communities: Challenges and successes in Masvingo, Zimbabwe.	Mod TBD I Rafael. A Mutengerere J Mudavanhu R Mwaturura.	

			<p>2068. Combining health systems strengthening approaches with implementation research in NCD service delivery: A field experience from Lesotho.</p> <p>2181. Integrating the prevention and care for high burden pediatric NCDs into health and social systems in LMICs: A scoping review for a strategic roadmap.</p>	<p>R Gupta.</p> <p>T. Vaivada, A.Giancola et al.</p>	
6:30 – 9:00	104C 104D	Y1	<p>Gala banquet dinner</p> <p>Welcome Guest speaker Music</p>	<p>Arun Chockalingam Michael Strong</p>	<p>Congress Chair President Canadian Institutes of Health Research</p>

Thursday, June 29

To view abstracts of a session click on the session number located in the third column from the left.

Time	Room	Session number	Topic and individual presentation titles	Speakers	Affiliation
7:30 am – 8:45 am	104A	B1	<p>AI enabled lifestyle solutions to improve NCD globally</p> <p>####. Systematic review of positive psychology digital interventions among students.</p> <p>####. Silence therapy for stress reduction among students.</p>	<p>A Chockalingam (Chair)</p> <p>S. Singh, T. Sundaram, M. Singaram</p> <p>T. Sundaram, S. Singh, A. Chockalingam</p> <p>L. Anand, A. Chockalingam</p>	<p>Financial and organizational support provided by the University of Missouri.</p>

			<p>####. Heart to Heart: A HiLife self-inquiry altruism compassion experience towards youth optimism and health.</p> <p>####. Core concepts for improving nutrition quality in college students.</p> <p>####. AI enhanced agricultural systems in empowerment and resilience for rural communities in India.</p> <p>####. Intuitive Intelligence: A small step inwards in self inquiry is a giant step forward in connected consciousness.</p>	<p>M. Singaram, S. Singh, L. Anand</p> <p>I Thiyagarajan, S. Singh, A. Chockalingam</p> <p>A Chockalingam, S. Dorairajan, L. Anand</p>	
9:00 am – 10:30 am	102	P5	<p>Plenary presentation theme: Identifying solutions for reducing the burden of NCDs across diseases, determinants, and disciplines.</p> <p>Impact of societal, environmental and individual factors on CVD and other NCDs: Lessons learnt from the PURE study in 27 countries.</p> <p>Title to be confirmed</p>	<p>Prof. Brian Rowe</p> <p>Prof. Salim Yusuf</p> <p>Prof. Felica Knaul</p>	<p>National Committee Member and Director, ICRH</p> <p>Distinguished University Professor of Medicine, McMaster University; Executive Director, Population Health Research Institute. Canada</p> <p>Director of the Institute for Advanced Study of the Americas and the office of Hemispheric and Global Affairs at the University of Miami. USA</p>
10:30 am – 11:00 am	104D		Refreshment break		
11:00 am – 12:30 am	103 A	C4	<p>New Insights into Diet and Health: A Global Perspective.</p> <p>2245. Changes in diet in 47 countries over the last 70 years: A systematic review and meta-analysis.</p>	<p>S. Yusuf and M. Dehghan (Chairs)</p> <p>C. Sikorski</p>	<p>Sponsored and organized by the Population Health Research Institute at McMaster University</p>

			<p>2450. Association of macro-nutrient consumption with vascular brain injury.</p> <p>2410. Glycemic index and load and outcomes (mortality and CVD).</p>	<p>V Miller.</p> <p>D. Jenkins</p> <p>A. Mente B.</p>	
	103 B	C17	<p>Monitoring the Safety of Medicines for NCD Management: Why does it matter?</p>	<p>H Wang and P. Marquez (mods),</p> <p>A Figueras, D Mimi Darko, L Araujo, J St John.</p>	Organized by the World Bank Group
	201 D	C21	<p>Climate Change and Non-Communicable Diseases : Moving to Action</p>	<p>T. Rabie (mod).</p> <p>S Dorey M Romanello A Quinn L Rufo D Campbell-Lendrum</p>	Organized by the World Bank Group
	201 B	C31	<p>Cancer Research Training: Learning for Global Capacity Building Initiatives</p> <p>3113. Building capacity for global cancer research: Programs and training opportunities at the US National Cancer Institute.</p> <p>3112. Training to be a clinician scientist in oncology: Experiences from Jordan and Canada.</p> <p>3114. Training to be a clinician scientist in oncology: Experience from Nigeria and Canada</p>	<p>Ophira Ginsburg and Fei-Fei Liu (moderators)</p> <p>S. Sivaram & O. Ginsburg</p> <p>H. Othman</p> <p>F.O. Wuraola</p> <p>R. Wong & L Fei-Fei</p>	Sponsored and organized by the CIHR Institute for Cancer Research and the US NIH National Cancer Institute.

			3115. Clinical research mentorship programs: Lessons from collaborative training in Africa.		
	201 C	C36	<p>Reducing inequity in NCD burden and enhancing equity in prevention and treatment</p> <p>2160. Spatial distribution of hypertension and hypertension care in Lesotho.</p> <p>2291. Effectiveness of family-centered sexual health education and HPV self-sampling to promote cervical cancer screening among hard to reach Indian women.</p> <p>2454. Advancing health equity in cancer control contexts using health equity frameworks: A Canadian perspective.</p> <p>2214. Using a cascade of care framework to identify gaps in access to medication for alcohol use disorder in British Columbia, Canada</p> <p>2359. Awareness of Kidney disease in the U.S is increasing, but remains low.</p> <p>2372. Telehealth, reduction of waiting time and primary care support are key to cardiac rehabilitation participation in people with low socio-economic status in rural Australia.</p>	<p>Moderator TBD</p> <p>Tristan T Lee</p> <p>Manadana Vahabi, Gauravi Mishra et al.</p> <p>Anila Sunnak, Ashleigh Domingo et al.</p> <p>M. Eugenia Socias.</p> <p>Jennifer Bragg-Gresham, Jenn Kiryakos et al.</p> <p>Alline Beleigoli, Lemlen G Gebremichael et al.</p>	
	201A	C39	<p>Addressing NCDs across the human lifespan</p> <p>2421. Body Mass Index modifies genetic susceptibility to high systolic blood pressure in</p>	<p>Moderator TBD</p> <p>Mounia Naja, Teodora Riglea et al.</p>	

			<p>adolescents and young adults: Results from an 18-year longitudinal study</p> <p>2401. Determinants of the trajectory of early life adiposity in South Asian children.</p> <p>2248. Leveraging monitoring, evaluation and learning to scale the enabling inclusion program for children with disabilities in India and globally.</p> <p>2429. A qualitative study to promote active ageing among a group of older adults in an elderly care home in Sri Lanka</p> <p>3070. Urinary Biomarker comparison of Japanese and Mediterranean diets compared with Euro-Western diets: Nutritional risk analysis for longevity.</p> <p>3104. A qualitative study exploring youth's experiences of hospital versus integrated community-based mental health services in Toronto, Canada.</p>	<p>Sandi Azab, Saba Naqvi et al.</p> <p>Marie Brien, Franzina Coutinho et al.</p> <p>Sandamali Wijesena, Subash Thenneko.</p> <p>Y. Yamori, M. Sagara et al.</p> <p>M. Quinlan-Davidson, J. Henderson et al.</p>	
12:30 am – 2:00 pm	104D		Light lunch provided for speakers and delegates		
2:00 pm – 3:30 pm	102	P6	<p>Plenary presentation theme: Improving NCD related governance, multi-lateral collaboration, research translation and health care systems.</p> <p>####. Enhancing NCD prevention, policy and treatment through enhanced knowledge translation and exchange.</p> <p>####. Improving multi-lateralism, governance and healthcare systems</p>	<p>Chair: Paul McDonald</p> <p>Prof. Brian Oldenburg</p> <p>Prof. Tim Evans</p>	<p>Chair of the Scientific and Program Committee</p> <p>Professor of Public Health and Implementation Science at the Baker Heart and Diabetes Institute and LaTrobe University, Australia.</p> <p>Director and Associate Dean of the School of Population</p>

					and Global Health, McGill University, Canada
3:30 pm – 4:00 pm	104D		Refreshment break		
4:00 pm – 5:30 pm	103 A	C3	Stroke Care and Outcomes: A Global Perspective 2258. Models of stroke systems care in low and middle income countries. 2299. Cognitive impairment after stroke : A global perspective. 2367. Improving stroke outcomes in low resource settings. 2326. Strategies for specialty training of healthcare professionals in low-resource settings: A systematic review on evidence from stroke care.	M. Sharma (moderator ?) J. Pandran R. Jourdi . J Bosch. J. Habibi.	Sponsored and organized by the Population Health Research Institute at McMaster University
	103 B	C5	Access to CVD Care and Prevention 2288. Overcoming gaps in hypertension control. 2465. Current status of global tobacco control: Challenges and promising developments. TBD	S. Yusuf and G. Dagenais (co-chairs), J.D. Schwalm. G. Fong. P. Joseph.	Sponsored and organized by the Population Health Research Institute at McMaster University
	201A	C12	Meet the leaders: An opportunity for delegates to meet informally with plenary speakers	S. Yusuf, F. Knaul, B. Oldenburg, T. Evans	
	201 D	C29	Making Health Systems Work in Low and Middle Income Countries – The Case of Non-Communicable Diseases ####. Health Systems in LMICs: An overview of health systems and the challenges of NCDs.	David Peters (moderator) Awad Mataria	Organized by the Faculty of Health at York University

			<p>3069. Enabling effective primary care to address NCDs through purposeful teams and tools.</p> <p>3093. Making informed decision by health policymakers in LMICs – approaches and tools for NCD programs.</p> <p>####. The critical role of implementation research in tackling NCDs in LMICs.</p> <p>####. A systems approach to tackling NCDs in LMICs: The case of Pakistan.</p>	<p>Katherine Rouleau</p> <p>Meeshah Iqbal</p> <p>David Peters</p> <p>Sameen Siddiqi.</p>	
	201 B	C 35	<p>Opportunities for multi-disciplinary and community collaborations</p> <p>2252. Designing and implementing nature-based interventions in community settings: A scoping review.</p> <p>2219. Impact of task sharing for non-communicable disease care in reducing health workforce burdens in low-middle income countries: Systematic review of 138 trials.</p> <p>2239. Assessing the progress on multi-disciplinary NCD actions: A follow-up study in the Pacific region.</p> <p>2294. Opportunities for partnerships among public health and shelters for people experiencing homelessness.</p> <p>2292. Spirituality as an intermediary determinant of health among 42,843 children from eight countries: evaluation of a WHO endorsed model.</p> <p>3091. Mortality among Canadian population with multi-morbidity: A retrospective cohort study.</p>	<p>Moderator TBD</p> <p>Shania Bhopa, Russell De Souza et al.</p> <p>Anthony P Sunjaya, Kanika Chaudhri et al.</p> <p>Si Thu Win Tin, ElisivaNaati et al.</p> <p>Susan Snelling, Adina Lakser et al.</p> <p>Valerie Michaelson, Nathan King et al.</p> <p>X. Xiao, J Beach et al.</p>	

Friday June 30

To view abstracts of a session click on the session number located in the third column from the left.

Time	Room	Session number	Topic and individual presentation titles	Speakers	Affiliation
9:00 am – 10:30 am	201 B	C9	<p>Pathogenesis of Osteoarthritis: Integrated Approach</p> <p>2075. Synovial fluid microRNA expression profiling and their pathogenic implications in knee osteoarthritis.</p> <p>2079. Proteomic analysis of cartilage unraveled dysregulation of coagulation and fibrinolysis pathway in osteoarthritis.</p> <p>2083. Mass spectrometry based proteomic analysis of human osteoarthritis synovial fluid for the identification of novel diagnostic and therapeutic targets.</p> <p>2086. Biomarker identification for early diagnosis of knee osteoarthritis.</p>	<p>B. Kaur, R Sharma (Chair/moderators)</p> <p>C Rana</p> <p>S. Garg.</p> <p>C Kaur.</p> <p>R. Sharma.</p>	
	103 A	C20	<p>Financing Essential Public Health Functions for the Control of NCDs and Their Interplay with other Conditions: Lessons from the Caribbean Region</p>	<p>AH Wang and P Marquez (mod)</p> <p>K. Theodore M Maharaj C Metiver</p>	Session organized by the World Bank Group
	201 D	C30	<p>Burden and Care of Chronic Respiratory Diseases: A Community-based Experiential Learning</p> <p>3108. Population-based chronic respiratory disease screening methodology and pattern of screen positives: A field experience from India.</p>	<p>S. Kathirvel (moderator)</p> <p>S. Kathirvel</p>	

			<p>2130. Chronic respiratory disease-related healthcare in public sector care hospitals: A situation analysis from 12 districts of a north India state.</p> <p>2422. Diagnostic and management care pathways and self-management practices among patients COPD from rural and urban areas of northern India: A retrospective cohort study.</p> <p>2473. Community prevalence of bronchial asthma and allergic bronchopulmonary aspergillosis complicating asthma.</p> <p>2475. Community prevalence of chronic obstructive pulmonary disease: A study of 43,261 subjects.</p>	<p>Charu Sharma</p> <p>Anish Patial</p> <p>Muthu Valliappan</p> <p>Kuruswamy T Prasad</p>	
	103 B	C32	<p>Substance use disorders and addiction: A global health problem in need of multi-sectoral approaches</p> <p>3128. Public health approaches to address substance use: From global to local.</p> <p>3129. Responding to drug related harms: Challenges and opportunities.</p> <p>3130. Adapting a cascade-of-care framework to close the implementation gap in opioid use disorder care.</p> <p>3131. Community perspectives on opioid misuse in rural America</p>	<p>Cristina Rabadan-Diehl (moderator)</p> <p>Cristina Rabadan-Diehl</p> <p>Thomas Kerr</p> <p>ME Socias</p> <p>C. Rafie.</p>	
	201 A	C13	<p>Mental health through Ayurvedic Medicine</p>	<p>Mod Harvey Skinner and Madan Thangavelu</p> <p>M. Tibollo (TBC)</p>	<p>Sponsored by the Canada-India Foundation</p>

				M. Nesari (TBC) V. Bhat (TBC) B. Bhattacharya	
	201 C	C42	<p>New horizons for NCD Control</p> <p>2235. Diabetes mellitus self-management education at Jimma University Medical Centre: Evidence-based implementation project.</p> <p>2284. Anti-hyperlipidemic effects of Spilanthol supplementation in people with dyslipidemia: A randomized, parallel-group placebo controlled trial.</p> <p>2240. Monitoring the prevalence of non-communicable diseases and its association with the Human Development Index: A global perspective.</p> <p>3063. Climate change, homelessness and health.</p> <p>3101. Should food be medicine? Reducing cardiometabolic renal diseases and its risk factors by improving food and nutrition security.</p> <p>3904. Building capacity for health promoters: A pilot evaluation of the Cancer Prevention Europe multi-lingual online programme on primary and secondary prevention.</p>	<p>Moderator TBD</p> <p>Hiwot Berhanu.</p> <p>Nabnita Patnaika, Kumar G Mishra et al.</p> <p>Asish Dhara, Biplab Biswas</p> <p>M. Bezgrebelna & S. Kidd.</p> <p>K. Vijayaraghavan, et al.</p> <p>M. Matta, A Feliu et al.</p>	
10:30 am – 11:00 am	104D		Refreshment break		
11:00 am – 12:30 am	102	P7	Plenary presentation theme: Where to from here? Perspectives and reflections on the way forward.	<p>Chair: Dr. Arun Chockalingam</p> <p>President Julio Frenk (via video conference)</p>	<p>Chair, World NCD Congress</p> <p>President of the University of Miami and former Minister of Health for Mexico.</p>

				<p>Mr. Patricio Marquez (moderator)</p> <p>Dr. Soumya Swaminathan</p> <p>Dr. David Wilson</p>	<p>World Bank Group</p> <p>Chairperson, M.S. Swaminathan Research Foundation and former Chief Scientist, WHO</p> <p>Mr. Patricio V. Marquez, former World Bank Group (WBG) Lead Public Health Specialist</p>
12:30pm – 1:00 pm	102	Z1	Wrap up ad closing remarks.	Prof. Arun Chockalingam	Chair, 2023 World NCD Congress