

TABLE OF CONTENTS

WELCOME / GENERAL INFORMATION

- 2 Welcome Letters
- 6 Scientific Committee
- 8 Local Organizing Committee
- 9 ISUH Executive Board
- 11 Dhaka Statement
- 14 Speke Resort Plans
- 16 Conference Overview
- 17 Program Schedule At-a-Glance

PRE-CONFERENCE WORKSHOP

- 19 Monday, November 26th
- 27 Tuesday, November 27th

PROGRAM SCHEDULE

- 34 Tuesday, November 27th
- 45 Wednesday, November 28th
- 56 Poster Programme
- 84 Thursday, November 29th
- 110 Friday, November 30th

PLENARY SPEAKERS

- 120 Plenary Speakers Biographies

SPONSORS / PARTNERS

- 134 Organisers
- 136 Sponsors
- 137 Exhibitors / Partners



INTERNATIONAL SOCIETY FOR URBAN HEALTH

MAKING CITIES HEALTHIER WORLDWIDE



Welcome from the President, International Society for Urban Health

Dear Global Colleagues:

It has been both an exciting and challenging year for ISUH. Interest in urbanization and development has increased dramatically, although including attention to the broad determinants of health in these conversations continues to be a challenge.

With support from the Robert Wood Johnson Foundation and the guidance of your outstanding Board, we have completed a very important strategic and financial planning process that has helped us: identify priority partnerships; revitalize our messaging; and communicate more broadly. We have also implemented a new website that can: better inform global audiences about the importance of urban health; spotlight the expertise among our unparalleled network of members and partners spanning the globe; and truly serve the needs of our members to interact with, and learn from, one another as we advance the science, education, policy and practice of urban health.

It could not be more clear, cities *must* be at the forefront of tackling critical global health and development issues and ISUH is at the center of this effort. We continue to be the only global non-governmental organization focused exclusively on addressing the broad determinants of urban health and health equity. We also continue to catalyze the kinds of interdisciplinary collaboration among a variety of stakeholders: researchers, educators, policy makers, practitioners, community leaders, and urban health advocates among others, needed to address the complex challenges and enormous opportunities that cities present.

To advance this message in the past year, ISUH has presented on urban health at the Consortium of Universities in Global Health (CUGH) in March; the High Level Political Forum in NYC in July; at side sessions in conjunction with UNGA73 in September; and celebrating “urban October” in Berlin at the World Health Summit, Beirut at the Regional Meeting on Urban Health and Wellbeing hosted by the Beirut Arab University, and at the most recent meeting of the American Society of Tropical Medicine and Hygiene in New Orleans.

Working with our global partners—the International Science Council and the Inter Academy Partnership of national academies of science and medicine, and with the support of our donor partners identified in the program, ISUH is an **INNOVATOR**, translating the science behind urban health promotion into practice, policy, and advocacy to improve urban health; an **INCUBATOR**, promoting urban centers as platforms to test and scale evidence-based interventions that improve urban health and reduce health inequities; and a **CONVENER**, deepening cross-sector collaboration at global national and city levels to promote research, policies, and programs addressing urban health outcomes and disparities.

We are excited about the opportunities we all share to improve the health and wellbeing of people living in cities in the coming months and years. We welcome you to Kampala, Uganda and ICUH2018 for an exciting and meaningful time together.

Sincerely,

Jo Ivey Boufford, President, International Society for Urban Health

Welcome from the President, Ugandan National Academy of Sciences

Dear Colleagues,

It is my great pleasure to welcome you, on behalf of the Uganda National Academy of Sciences (UNAS), to the 15th International Conference on Urban Health in Kampala, Uganda. We are particularly proud to acknowledge that this is the first time the International Conference on Urban Health (ICUH) has been held in Africa, and that Uganda was selected as the host country. This year's conference theme, "Managing Urbanization for Health: A Priority for All Nations," is relevant globally, and is of particularly acute interest to us as Africans.

Africa is the most rapidly urbanizing continent in the world. In 2010, the share of the African population living in cities was about 36%; by 2030 it is projected to reach 50%. As the conventional narrative goes, African urbanization presents important opportunities but also immense challenges. Population density can make service provision more efficient, and can also lead to negative externalities such as infectious disease outbreaks if not managed properly.

But this narrative doesn't capture the full reality—Africa is urbanizing in a new way that our world has not seen before. Every high-income country has followed a similar developmental pattern of shifting labour from a low-productivity rural agrarian sector to a higher-productivity urban industrial sector. In Africa, urbanization seems to be proceeding without industrialization. The result is something the world has not documented before: Africa is now approximately 40% urbanized with a per capita GDP of \$1,100; by the time Asia reached that same level of urbanization, it's per capita GDP was \$3,500.

To address these dynamics—and their likely long-term impacts on health and wellbeing—in early 2017 UNAS established the "Forum on Cities, Urbanization, and Services (FOCUS)." With the aim of engaging interested stakeholders from across the continent and globally in dialogue on these important issues, FOCUS has so far succeeded in launching two reports: one on urban governance in Kampala, and another on urban health in Eastern Africa.

As our cities and settlements continue to develop in new ways, it is incumbent on us to reshape and reorient our thinking. The African academies provide an important platform to help facilitate this shift. A wealth of knowledge on how to make our cities healthier and happier already exists—the challenge faced by policymakers is often understanding the different trade-offs associated with pursuing one course of action over another. As inherently apolitical and independent bodies, UNAS and the other African academies can inhabit the research-to-policy nexus to help facilitate better evidence-informed decision making.

We look forward to engaging with you over the course of this week, and to working together on issues of urban health for many years to come.

Please enjoy the conference and your stay in Kampala City.

Professor Nelson K. Sewankambo

Co-Chair of the 2018 International Conference on Urban Health

President of the Uganda National Academy of Sciences

Welcome from the Executive Programme Director, Urban Health and Wellbeing

Africa is facing enormous urban health challenges. Although the continent's degree of urbanization is still below 50%, the rate of urbanization is among the highest in the world. This speed of urbanization leads to a situation where more people live in cities faster than cities are becoming liveable and healthy places for all. Mismatches in physical, technological, social and institutional infrastructure developments make cities unhealthy, unequal and unliveable.

Poverty is moving from rural areas to cities and the process of urbanization itself is aggravating poverty in African cities. The poor and vulnerable are most effected by all types of urban health issues. The risk of a child getting injured or killed on the road is twice as high in Africa as anywhere else in the world. Road deaths are a symptom of a broader systemic dysfunction of urban governance. A majority of casualties from road deaths are from segments of African urban society which receive a minimum of transport investments. Overweight and obesity is another urban health burden in African cities which is much heavier for the poor and uneducated. Millions of urban poor are exposed to the impacts of climate change in cities and urbanization and climate change work synergistically to increase the burden of diseases. The prevalence of non-communicable diseases is projected to increase.

Such urban health symptoms can be regarded as systemic infrastructure development mismatches, not just in Africa. Mismatches occur, for example, because housing areas can be built up faster than social capital can grow and public services can be provided. People move into cities faster than urban health can evolve. While urban density may be a necessary driver of urban economic growth and prosperity in cities, it is certainly not sufficient for creating healthy cities. Connectivity, inclusiveness and integrated decision-making need to be created with all segments of society and in fact, segmentation needs to stop constraining access to knowledge, resources and public services. All forms of urban infrastructure enable the flow of people, resources, goods, services, information and data, which keeps the different urban metabolisms going. People should be the pace-makers of that urban pulse at a human scale. Connectivity and integration also enables learning. Making the connections between urban health symptoms, knowledge of their causes and actions for their solution is an important task addressed by urban health observatories, of which many more are needed in the region. Connectivity also needs to be established between scientific disciplines to enable interdisciplinary knowledge creation and effective knowledge-action systems in cities. Given the complexity of interconnected urban health issues, it would be much too expensive to address each issue alone. A systems approach helps to identify those interventions and levers which create the most co-benefits and involving people for defining what matters most to them.

As the Co-Chair of ICUH2018, and I would like to thank all who made this conference possible for their devotion and commitment. The annual ICUH is a unique opportunity for exchanging and co-creating knowledge for healthier cities in the African region. I wish you all a successful meeting in Kampala and would like to invite all to come to Xiamen, China for the ICUH 2019.

Franz Gatzweiler

Professor, Executive Programme Director, Urban Health and Wellbeing: a Systems Approach,
Institute of Urban Environment, Chinese Academy of Science

Welcome from the Co-chairs, IAP for Health

Dear Colleagues,

Welcome to the 2018 International Conference on Urban Health!

The InterAcademy Partnership (IAP), and in particular IAP for Health, is pleased to co-sponsor this important conference as part of an overall global initiative to advance the health of people in cities.

The InterAcademy Partnership is an umbrella organization comprising more than 130 academies of science, medicine and engineering from around the world. As a component network of IAP, IAP for Health brings together some 80 national medical academies and academies of science and engineering with strong medical sections that are committed to improving health worldwide. The goals of the IAP for Health are to:

- Strengthen the capacity of academies to provide evidence-based advice to governments on health and science policy;
- Support the creation of new academies and the development of projects by member academies;
- Strengthen research and higher education in their countries;
- Issue consensus statements on matters of importance to global health; and
- Improve the health of all.

As the UN Sustainable Development Goals (SDGs) and the UN Habitat's New Urban Agenda process address the important issues of urban health, IAP has developed a network of academies with specific interest in urban health to serve as focal points for projects in their countries and regions to help shape their implementation plans for urban health linked to Habitat's New Urban Agenda and the SDGs. We look forward to encouraging academies worldwide to play an important role in advancing urban health and working with key global and national partners in this effort in the coming years.

Detlev Ganten Liu Depei
Co-chairs, IAP for Health
www.interacademies.org

SCIENTIFIC COMMITTEE

Dr Peter Megyesi (Chair)

Joint Clinical Research Center, Uganda

Professor Hany Ayad

Alexandria University, Egypt

Dr Sainath Banerjee

National Urban Health Mission, India

Dr Carme Borrell

Public Health Agency of Barcelona, Spain

Dr Jason Corburn

University of California Berkeley, USA

Professor Roseanne Diab

Academy of Science of South Africa (ASSAf), South Africa

Dr Charles Ebikeme

International Council for Science (ICSU), China

Professor Eunice Kamaara Karanja

Moi University, Kenya

Sainath Banerjee

Deputy Project Director of Urban Health Program, IPE Global, India

Professor Pedro Lopes Ferreira

University of Coimbra, Portugal

Mr Marcel Mballa-Ekobena

UK

Dr Suki Mwendwa

Kenya Technical University, Kenya

Professor Danielle Ompad

NYU, College of Global Public Health, USA

Professor Gerard Salem

Paris Nanterre University, France

Professor Paula Santana

University of Coimbra, Portugal

Dr Sally Stansfield

Deloitte, USA

SCIENTIFIC COMMITTEE

Professor Waleska Teixeira Caiaffa

Federal University of Minas Gerais School of Medicine, Belo Horizonte, Brazil

Dr Yonette F. Thomas

International Society for Urban Health (ISUH), USA

Dr Sotiris Vardoulakis

Institute of Occupational Medicine (IOM), UK

Dr Arpana Verma

University of Manchester, UK

Dr David Vlahov

Yale University School of Nursing, USA

Professor Yongguan Zhu

Professor, Chinese Academy of Sciences (CAS); Institute of Urban Environment, Xiamen, China

LOCAL ORGANISING COMMITTEE

Prof. Francis Omaswa (Co-Chair)

Executive Director, African Centre for Global Health and Social Transformation (ACHEST), and Founding Fellow, Uganda National Academy of Sciences, Uganda

Prof. Joseph Obua (Co-Chair)

Chairman, National Agricultural Research Organization (NARO), and Founding Fellow, Uganda National Academy of Sciences, Uganda

Ms. Jean Byamugisha

Executive Director/CEO, Uganda Hotel Owners' Association

Dr. Peter Eriki

Deputy Executive Director, African Centre for Global Health and Social Transformation (ACHEST), Uganda

Dr. Baguma Joseph

Executive Director, THETA-Uganda, Uganda

Ms. Josephine Kalege

Manager, Membership Services, Uganda Local Governments Association

Dr. George Muganga

Principle Officer Lead Agency Coordination, National Environment Management Authority, Uganda

Dr. Nansozi Muwanga

Senior Lecturer, Department of Political Science and Public Administration, Makerere University, Uganda

Dr. Ekwaro A. Obuku

President, Uganda Medical Association, Uganda

Mr. Richard Ssemujju

Community Health Initiatives Manager, THETA-Uganda, Uganda

Mr. Titus Twesige

Executive Director, Alliance of Mayors and Municipal Leaders' Initiative for Community Action on AIDS at the Local Level (AMICAALL), Uganda

ISUH EXECUTIVE BOARD

Sainath Banerjee, PhD

Deputy Project Director, IPE-Global, India

Eugenie L. Birch, PhD

Lawrence C. Nussdorf Professor of Urban Education and Research, University of Pennsylvania,
Chair of the United Nations Human Settlements Programme's World Urban Campaign, USA

Jo Ivey Boufford, MD

President, International Society for Urban Health

Clinical Professor of Global Public Health, College of Global Public Health, New York University,
USA

Jason Corburn, PhD

Department of City and Regional Planning and the School of Public Health, University of
California, Berkeley and Director, Institute of Urban and Regional Development, Berkeley, USA

Rajae El Aouad, MD, MSc, MHPM

Resident Member, Hassan II Academy of Sciences and Technology of Morocco (HIIAST) and
Steering Committee Member, Royal Institute of Strategi Studies (IRES), Morocco

Jean Christophe Fotso, PhD

Founder and Executive Manager, EVIHDAF (Evidence for Sustainable Human Development
Systems in Africa), Yaounde, Cameroon

Gina S. Lovasi, PhD, MPH

Collaborative Co-Director and Dornsife Associate Professor of Urban Health, Drexel University,
USA

Blessing Mberu, PhD

Research Scientist, Urbanization and Wellbeing Program, African Population and Health
Research Center (APHRC), Kenya

Layla McCay, MD

Director, Center for Urban Design and Mental Health (UD/MH), USA

Blaise Nguendo-Yongsi, PhD

President-Elect, International Society for Urban Health

Professor, Health Geography IFORD, University of Yaounde II, Cameroon

Gérard Salem, PhD

Professor, University of Paris Ouest, France

Olga Lucia Sarmiento, MD, MPH, PhD

Associate Professor of Public Health, Faculty of Medicine of the Universidad de los Andes,
Colombia

Shamim Hayder Talukder, MD

Immediate Past President, International Society for Urban Health

Founder, Chief Executive Officer, Eminence, Bangladesh

ISUH EXECUTIVE BOARD

Yonette F. Thomas, PhD

Senior Research Advisor, AAG

Scientific Advisor on Urban Health, The New York Academy of Medicine

Susan Thompson, PhD, MTCP (Syd); BA Hons; DipEd (Macq); FPIA

Professor of Planning and Director City Wellbeing Program, The University of New South Wales, Australia

FOUNDING PRESIDENT

David Vlahov, RN, PhD, FAAN

Associate Dean for Research and Professor, Yale University School of Nursing, USA

Editor –in-Chief, Journal of Urban Health

FORMER EXECUTIVE BOARD MEMBERS

Anthony Capon, BMedSci, MBBS, PhD, FAFPHM

Professor of Planetary Health, Sydney School of Public Health, Australia

Arpana Verma, MBChB, MPH, PhD, FFPH

Director of the Centre for Epidemiology, MUCH and MPH/MRes Institute of Population Health, Manchester Academic Health Sciences Centre, UK

DHAKA STATEMENT ON URBAN HEALTH IN SUSTAINABLE DEVELOPMENT

International Conference on Urban Health Dhaka, Bangladesh, May 2015

A Call for Action

The International Society of Urban Health (ISUH) and the participants in the 12th International Conference on Urban Health call for recognition of **urban health** as a priority in sustainable development, including in the proposed sustainable development goals, targets and indicators for the post-2015 development agenda, the Third International Conference on Financing for Development, The United Nations Climate Change Conference, and Habitat III, the 2016 Conference on Housing and Sustainable Urban Development.

We are urban health experts across disciplines, practitioners across sectors, and representatives of civil society organizations from around the world committed to advancing the health of people in cities.

The Conference Recognizes that:

Currently, more than half of the world's population lives in cities and by 2050 it is estimated that 70% of the world's population will be urban dwellers. While all countries confront challenges from urbanization, the pace and scale of urbanization is now most rapid in low- and middle-income countries. Cities are the main drivers of national development and offer access to a wide array of goods and services including health, education, and social and cultural opportunities.

- People are attracted to live in urban areas because of the potential to improve their lives, including through economic opportunities. As a result, urban residents often provide important economic support to their rural home communities.
- When urban growth is effectively managed, cities can be part of the solution to sustainable national development.
- If plans for the built environment (e.g., housing, land use, transport) include consideration of health impact, cities can facilitate healthy choices of food, exercise, and social engagement, as well as maximize resilience of its residents.
- If well managed, cities can be engines of development for national economies, hubs for technological innovation and centers of positive social progress including advancing the education and empowerment of women and child survival and development.
- Population density in cities can facilitate delivery of development interventions to large numbers of people. Cities can also be sites of extreme poverty, environmental degradation, inadequate infrastructure and a combination of risk factors that have adverse effects on health. Cities can also be sites of extreme poverty, environmental degradation, inadequate infrastructure and a combination of risk factors that have adverse effects on health.
- Countries that fail to plan for increasing urbanization place their citizens at serious health, economic, and security risk.

- The health of slum dwellers and the homeless is typically well below that in other urban and rural areas, even when stratified by poverty level. These inequities are also observed in other critical development indicators that affect the health of all residents.
- In addition to traditional urban health challenges of water, sanitation, infectious diseases and environmental pollutants, city residents confront chronic diseases linked to poor diets, sedentary lifestyles, and obesity. Urban dwellers also face physical and mental health issues linked to safety, violence, poverty and unemployment, and they are at risk for road accidents and other injuries.
- Coastal cities face particular risk from the effects of climate change, including extreme weather events, natural disasters, sea level rise and Floods.
- Settlements without legal status, basic infrastructure, energy security and services can become loci of social tension, conflict, and illicit economic activity. Strong and effective governance is required to promote urban health – specifically including clear roles for city and local government and a strong public health infrastructure that can work in partnership with other sectors to prevent and mitigate potential risks and benefits to health of policies, programs, and investments across sectors (a Health-In-All approach).

The Conference Welcomes the following reports and initiatives, which acknowledge the growing importance of cities in achieving sustainable development; recognize that the health of people living in cities is affected by multiple factors, that decisions in all sectors can have positive or negative effects on human health, and that healthy people are critical to social and economic development:

- The Synthesis Report of the UN Secretary General on the Post 2015 Agenda (2014), which identifies six essential elements for delivering the SDGs and proposes 17 Sustainable Development Goals, including a specific goal for Health (#3) and for Cities (#11)
- The Joint Statement of the UN Platform on Social Determinants of Health (World Health Organization) which outlines the relationship between health and other societal goals across multiple sectors: the economy and employment; security and justice; education and early life; agriculture and food; architecture, planning and transportation; environment and sustainability; housing and community services; and land and culture
- World Health Organization recognition that urbanization is a major public health challenge in the 21st century and calls for a shared effort involving governments, international organizations, business and civil society to put health at the heart of urban policy (Urban HEART: Urban Health Equity Assessment and Response Tool, 2010) and reduce urban health inequities (Hidden Cities: Unmasking and Overcoming Health Inequities in Urban Settings 2010)
- The Nine Principles of The City We Need articulated by the World Urban Campaign, a coalition of global partners of HABITAT to promote the outcomes document of Habitat III, the New Urban Agenda and the work of HABITAT to promote well-planned, well-governed, and efficient cities and other human settlements, with adequate housing, infrastructure, and universal access to employment and basic services

- The updated Global Strategy for Women's, Children's and Adolescents' Health (WHO Partnership for Maternal, Newborn and Child Health) which will support achievement of the women's, children's and adolescents' health related Sustainable Development Goals (SDGs) and which prioritizes gender equality the needs of marginalized and disadvantaged communities, including those living in urban and peri-urban settings, as key to achieving equitable progress in improving health outcomes.

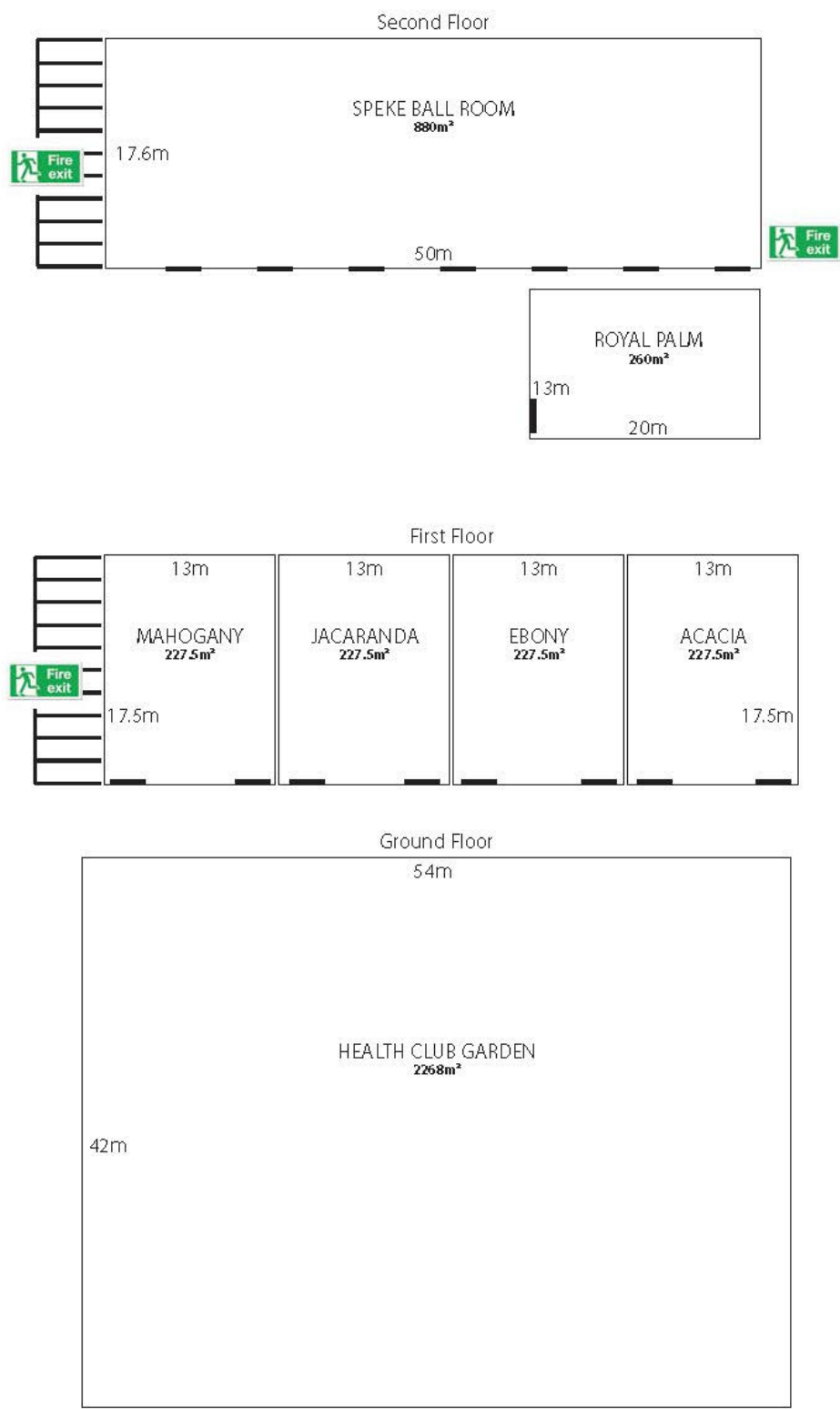
The Conference Encourages the Following Actions:

1. Specific reference to the critical importance of the health of urban dwellers to achieving the Sustainable Development Goals in the planned political declaration that will preface the Goals;
2. Mainstreaming consideration of the unique opportunities and challenges of urban environments across the SDGs;
3. Recognition of the pressing need for evidence-based and cost-effective interventions that address the effects of urban diversity, complexity, density and disparities on the social and structural determinants of health in order to achieve the health targets outlined in SDG Goal 3: Ensure healthy lives and promote well-being for all at all ages;
4. Inclusion of a commitment that the solutions chosen have a positive impact on human health and do not adversely affect health of people in cities, in the targets for SDG Goal 11: Make cities and human settlements inclusive, safe, resilient and sustainable,
5. Development of national-level health policy that integrates planning for rural and urban areas, and recognizes the importance of city and local level data and action to advance urban health.
6. Inclusion of targets and indicators to implement SDGs at the national level that reflect progress towards urban health and health equity;
7. Incorporation of key tools to advance the health of people in cities, including resource mobilization for capacity building, applied research and strengthening governance for urban health, in the outcome documents of the Third International Conference on Financing for Development (2015), The United Nations Climate Change Conference (2015) and Habitat III (2016);
8. Incorporation of expertise from the global professional and academic health communities in seeking to define, understand, and address the major challenges of global urban development into the intergovernmental process leading up to the United Nations Conference on Housing and Sustainable Urban Development (Habitat III), to take place in Quito, Ecuador in October 2016; and
9. Acknowledgment of the role of health as both input for and outcome of development, particularly the broad interplay between urban design, planning and management, and urban health and health equity, in the New Urban Agenda that will emerge from Habitat

SPEKE RESORT MAP



SPEKE RESORT MAP



REGISTRATION DESK HOURS

Tuesday, 27th November: 12:00 – 18:00

Wednesday, 27th September: 07:30 – 18:30

Thursday, 28th September: 07:30 – 18:30

Friday, 29th September: 08:00 – 12:30

NAME BADGES

Delegates must wear their name badges at all times to gain access to sessions, receptions and the poster exhibition

LANGUAGE

The official language of the ICUH2018 sessions and events is English. All conference related meeting, programmes, and events will be conducted in English only.

SPEAKERS/PRESENTERS INFORMATION

Please visit the Registration Desk with any questions on your session time(s) or room assignment(s).

Presenters must deliver the oral presentation to the room in which they are presenting, at least two hours before the scheduled oral presentation.

ABSTRACTS INFORMATION

The abstracts are available via a secure link. The details were sent to you via email.

WELCOME RECEPTION

The welcome reception will be poolside.

LUNCH

Lunch will be served poolside.

COFFEE-BREAKS

Coffee-break will be served in the marquee with the poster boards and exhibition.

CONFERENCE DINNER – TICKET ONLY

The conference dinner will be at the Speke Resort and will be served on the lawn by Lake Victoria. Dinner will be at 7.00pm.

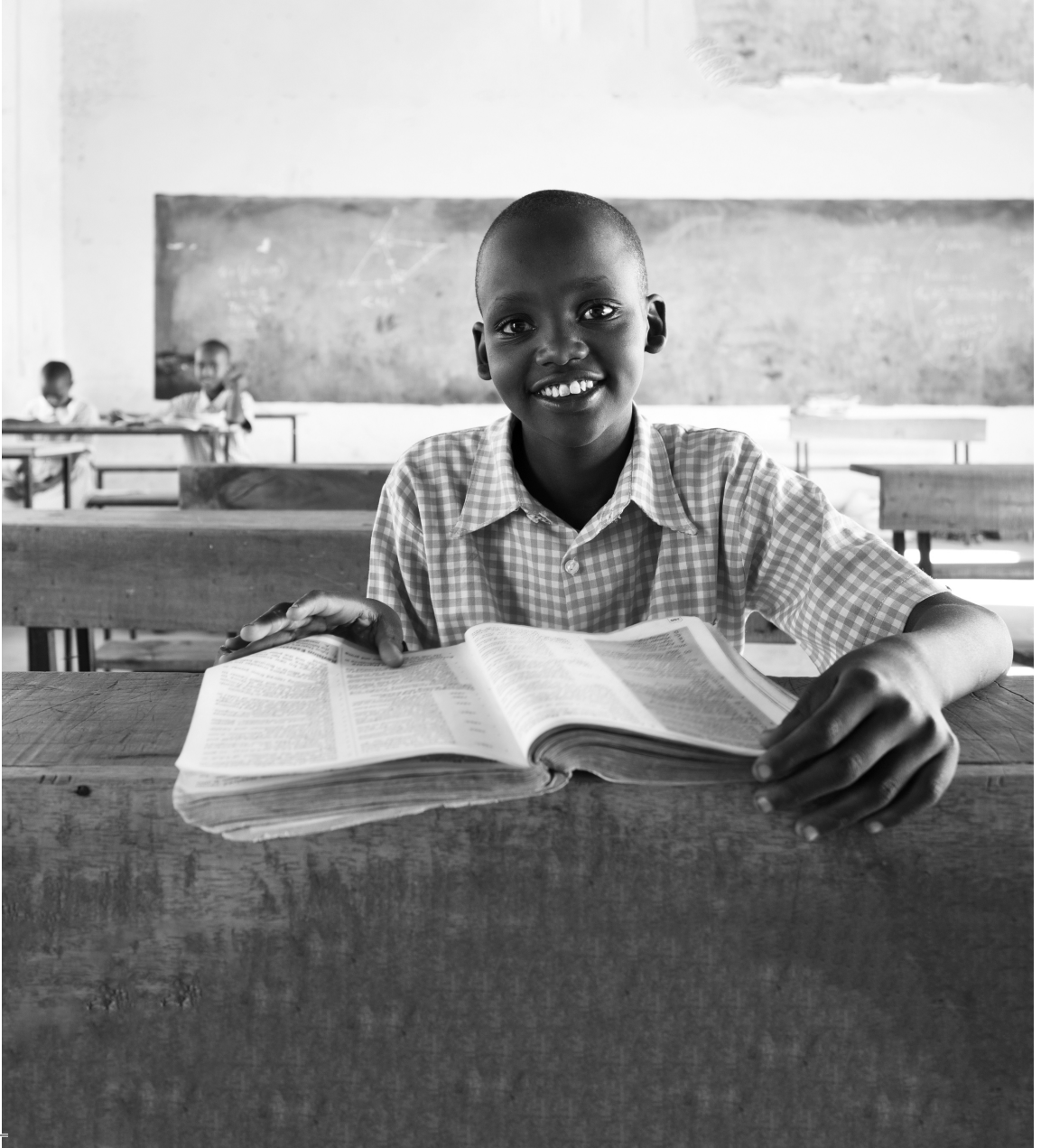
ICUH2018 - Programme Overview

MONDAY November 26, 2018		TUESDAY November 27, 2018	WEDNESDAY November 28, 2018	THURSDAY November 29, 2018	FRIDAY November 30, 2018	SATURDAY December 1, 2018
Morning		12:00 - 17:00 Registration Desk	7:30 - 17:00 Registration Desk	7:30 - 17:00 Registration Desk	7:30 - 12:00 Registration Desk	
		8:30 - 12:30 Pre-Conference Workshops	8:30 - 10:00 Parallel Sessions 2 (Abstract Sessions & Pre-formed Panels)	8:30 - 10:00 Parallel Sessions 5 (Abstract Sessions & Pre-formed Panels)	8:30 - 10:00 Parallel Sessions 8 (Abstract Sessions & Pre-formed Panels)	
	9:00 - 13:00 Pre-Conference Workshops	Pre-Conference Workshops ----- Site Visits (City of Kampala)	10:00 - 10:30 Poster Sessions / Break	10:00 - 10:30 Poster Sessions / Break	10:00 - 10:30 Break	
			10:30 - 12:00 PL2 - Culture & Inclusivity Speakers: Mary Basset, Philippa Howden Chapman and Jason Corburn	10:30 - 12:00 PL4 - Cities as Economic Engines Speakers: Liza Kimbo, Stuart Mwesigwa, Steffen Nielsen and Aromar Revi	10:30 - 12:00 PL6 - Spiritual Health in the City Speakers: Eunice Karanja Kamaara, Mandivamba Rukuni and Judy Nieri Thirimu	
Afternoon	13:00 - 13:30 Break	13:00 - 14:30 Parallel Sessions 1 (Abstract Sessions & Pre-formed Panels)	12:00 - 13:30 Lunch Break	12:00 - 13:30 Lunch Break	12:00 - 12:30 Closing Plenary (Ceremonial)	
			UN-Habitat Book Launch (12:00-13:00)	ISUH Business Meeting (Open to All - 12:15-13:30)		
			13:30 - 15:00 Parallel Sessions 3 (Abstract Sessions & Pre-formed Panels)	13:30 - 15:00 Parallel Sessions 6 (Abstract Sessions & Pre-formed Panels)		
	13:30 - 17:30 Pre-Conference Workshops	15:00 - 16:30 Welcome Plenary (Ceremonial)	15:00 - 15:30 Poster Sessions / Break	15:00 - 15:30 Poster Sessions / Break		Field Trips
Evening		16:30 - 18:00 PL1 - Governance of Complex Systems Speakers: Mark Davies, Catherine Kyobutungi and Agis Tsouros	15:30 - 17:00 PL3 - Disasters, Epidemics and the Unexpected Speakers: Desmond Appiah, Hans Guttman, Lidia Morawska and Sotiris Vardoulakis	15:30 - 17:00 PL5 - Safety, Security and Justice Speakers: Jutta Bakonyi, Robert Ndugwa and Tracy Robinson	Field Trips	
		18:00 Welcome Reception	17:00 - 17:15 Break	17:00 - 17:15 Break		
			17:15 - 18:45 Parallel Sessions 4 (Abstract Sessions & Pre-formed Panels)	17:15 - 18:45 Parallel Sessions 7 (Abstract Sessions & Pre-formed Panels)		
		19:00 ISUH Executive Board Meeting/Dinner	18:45 - 19:00 Break	18:45 - 19:00 Break		
				19:00 Conference Dinner & Social		



INTERNATIONAL SOCIETY FOR URBAN HEALTH

MAKING CITIES HEALTHIER WORLDWIDE



PRE CONFERENCE WORKSHOPS

Monday, November 26 At-A-Glance	
09:00-13:00	Pre-Conference Workshop 1
	Africa Group for Research, Education and Practice in Urban Health Working Group Meeting [PCW-12]
	Pre-Conference Workshop 2
	How to write a great research paper, and get published in a top journal [PCW-11]
	Pre-Conference Workshop 3
	Identifying and reducing inequities in coverage of immunization in complex urban environments—a collaborative workshop learning from the experience of UNICEF, LSHTM and JSI [PCW-2]
13:30-17:30	Pre-Conference Workshops 4
	Interactive Training: Promoting urban health equity: A focus on informal settlements [PCW-10]
	Pre-Conference Workshop 5
	Community Based Solutions Working Group Meeting [PCW-13]
	Pre-Conference Workshop 6

MONDAY

	Implementation science collaboration on urban health in East Africa: A three-country assessment of nutrition among the urban poor [PCW-3]
--	---

MON

26/11 09:00 – 13:00 PRE-CONFERENCE WORKSHOP

PCW-12 Africa Group for Research, Education and Practice in Urban Health Working Group Meeting

Leader: Blessing Mberu, ISUH - Africa Working Group

Room: Acacia

Global development agenda has recently entered a new era under the Sustainable Development Goals framework (SDGs) The SDGs together present a broad, universalist approach with a strong focus on equity, leaving no one behind. Despite being the least urbanized globally, sub-Saharan Africa is rapidly urbanizing, with its urban population projected to reach 55% by 2050. While cities continue to offer greater amenities, better employment opportunities and better services, they also concentrate risks and hazards for health, which is exacerbated by majority of urban dwellers living in slums or slum-like conditions that are detrimental to their living and health conditions. In line with the SDG agenda, understanding specific health and livelihood conditions of slum dwellers require adequate data at local levels often lacking through national surveys, which mostly provide national indicators that blur inter- and intra-sub-group inequities. In this session, we draw on nearly two decades of work by APHRC among slum populations in Nairobi, Kenya, contributing rich evidence for policy-to-action in the important search for pathways to reduce health inequities and improve living conditions among the urban poor. This workshop will provide a unique platform for health scientists, policy makers, health geographers and urban planners, among others, to discuss innovations for urban health equity, evidence-based policy-making, monitoring and evaluation of interventions to determine what works. The workshop will be structured in two parts: the first part will include a number of presentations on dimensions of evidence generation and health program implementation processes. The second part will focus on discussion with workshop participants on the added-value, opportunities and challenges in urban health research to elicit interest of African and Africanist researchers and highlight the need for funding investments in data at local levels as an important component of addressing urban health challenges.

- **Presentations:** (1) Does the urban advantage still hold? Change and continuity in the informal settlements of Nairobi. (2) Using data for decision-making (3) Participatory approaches to mapping health services in slums (4) Implementing health programs in slums: challenges and opportunities (5) Non-communicable diseases in the slums: silent killer (6) Air pollution in the slums (7) Urban obesity in Africa: a rising tide!

- **Presenters:** Prof. Blessing Mberu (PhD), Damazo T Kadengye (PhD), Caroline Kabaria (PhD), Pauline Bakibinga (MB Ch B, PhD), Gershim Asiki (MB Ch B, MSc, PhD), Kanyiva Muindi (PhD), and Dickson Amugsi (PhD).

Organizers: African Population and Research Center (APHRC).

MON

26/11 09:00 – 13:00 PRE-CONFERENCE WORKSHOP

PCW-11 How to write a great research paper, and get published in a top journal

Leader: Deirdre Dunne, Elsevier

Room: Ebony

Knowing the best way of structuring your paper when writing it, and the most appropriate journal to send it to, really helps in getting your paper accepted. Also understanding how editors and publishers think and what they expect, and knowing how the peer review process works, is invaluable insight into the publishing process. This talk aims to give participants a clear idea of the steps needed to be taken before starting to write a paper. Authors are also made aware of what aspects of their papers Editors and Publishers look at critically, and to ensure that in taking care of these areas, their papers are much more likely to be accepted. Dealing with referees' comments and the art of polite rebuttal are also described such that these can be used to improve the submitted paper suitably. Sensitive areas such as publishing ethics, plagiarism, duplicate publishing, etc. are also clearly explained such that participants have a clear understanding of what is allowed, and what is not permitted.

These insights into the publishing process will enable the participants to be more confident as an author in the world of science publishing, and will help them get their papers published more easily.

UP NEXT: Pre-Conference Workshops, 13:30-17:30

MON

26/11 09:00 – 13:00 PRE-CONFERENCE WORKSHOP

PCW-2 Identifying and reducing inequities in coverage of immunization in complex urban environments—a collaborative workshop learning from the experience of UNICEF, LSHTM and JSI

Leader: Tim Crocker-Buqué, LSHTM, London, UK

Room: Majestic

We would like to welcome health professionals working in a wide range of fields to this pre-conference workshop exploring diagnostic tools and interventions to reduce inequalities in health outcomes in urban areas in low and middle-income countries.

The Global Urban Immunization Working Group, hosted by UNICEF, was founded in 2016 to address the growing challenge of inequities in coverage of essential immunizations in rapidly expanding urban areas. In this collaborative workshop, we will present findings from several important projects, including a systematic review of factors associated with low coverage in urban areas and evidence for effective interventions to increase coverage; a review of tools used for situational analysis to improve coverage of health services in urban environments; and how these tools have been adapted and applied in cities around the world to identify inequities and prioritize interventions to improve coverage.

We will start with presentations from UNICEF, JSI and LSHTM followed by an open discussion. Then we will split into small group workshops to explore the use of tools in different settings, as well as compare and contrast experiences of professionals working in different fields. We welcome people working in the field, for government agencies or NGOs, academics and policy-makers in any health field to attend and share their knowledge and experience.

UP NEXT: Pre-Conference Workshops, 13:30-17:30

MON

26/11 13:30 – 17:30 PRE-CONFERENCE WORKSHOP

PCW-10 Interactive Training: Promoting urban health equity: A focus on informal settlements

Leader: Jason Corburn, UC Berkeley

Room: Ebony

In this workshop, participants will learn about the multiple health challenges facing urban informal settlements in East Africa and how participatory upgrading can address co-benefits for health including improved living conditions, environments, social and economic opportunities and health care services. Participants will hear from residents and NGO-representatives working to improve well-being in informal settlements. The majority of the workshop will be an interactive exercise, called a role-play, where participants will negotiate as part of a team how to improve health in an informal settlement. Through this exercise, participants will learn about the challenges and opportunities for improving urban health through a focus on informal settlements and through engagement with slum dwellers. Short readings and workshop materials will be distributed to enrolled participants via email before the date of the conference.

MON

26/11 13:30 – 17:30 PRE-CONFERENCE WORKSHOP

PCW-13 ISUH - Community Based Solutions (CBS) Working Group Meeting

Leader: Shamim Talukder, Eminence Associates for Social Development

Room: Acacia

Purpose:

To create a global learning platform of network for community-based solutions for furthering urban health agenda through mutual learning.

Pre-Conference Workshop Objectives:

- Develop an overall understanding on the purpose of CBSWG and past efforts
- Develop a collective understanding on issues and obtain ideas on:
 - Global evidences on best practice
 - Program priorities, methodological issues and available tools for community-based action
 - Resource landscaping for implementation, research, advocacy
 - Policy related issues
- Share propose annual working plan
- Recruit new executive members for the working group

Agenda

Time	Session	Presenter/Resource Person
01:30 – 02:00	Introduction of the participants and expectations Overall understanding on the purpose of CBSWG and past efforts	Dr. Jo Bufford, President, ISUH
02:00 – 02:30	Power of Community Participation (Women) to address urban Health – <i>An Experiences from India</i>	Dr. Sainath Banerjee, India
02:30 – 02: 45	Global Evidence and Better Practice for CBS	Prof. Mandi Rukuni, Uganda

Time	Session	Presenter/Resource Person
02:45 – 03:00	Research Priorities and Methodology for CBS	Olga Sarmiento, USA (TBD)
03:00 to 03:15	Policy Related Issues for CBS	Dr. Basab Gupta, Deputy Commissioner National Urban Health Mission (NUHM), Ministry of Health, Govt. Of India (TBC)
03:15 to 03:30	Available Resource for CBS	Dr. Sawsan Mahdi, UAE
03:30 to 03:45	Scope of Partnership for CBS	Abdul Hakim Majumder, PD, UPHCP, Bangladesh
**TEA BREAK (03:45 to 04:00)		
04:00 to 04:40	Break Out Group – 4 Groups: <ul style="list-style-type: none"> A) What are the priority knowledge, tools needed to advance community based solutions to urban health problems B) how to create a data base of: training institutions, resource centers, organizations who can support capacity building of stakeholders C) how to influence policy makers and what do we want them to do to support effective community engagement D) how do we map successful examples of community based solutions for global learning? Other?? 	Group Members (Working Group Membership Form Fill Up)
04:40 to 05:00	Group Presentation	Group Members
05:00 – 05:30	Summing up and way forward	Dr. Shamim Talukder, ISUH

MON

26/11 13:30 – 17:30 PRE-CONFERENCE WORKSHOP

**PCW-3 Implementation science collaboration on urban health in
East Africa: A three-country assessment of nutrition among
the urban poor**

Leader: Marie Donaldson, University Research Co., LLC

Room: Majestic

The USAID funded Health Evaluation and Applied Research Development (HEARD) Project supports an Implementation Science Collaboration on Urban Health in East Africa, which was launched by the East, Central, Southern Africa Health Community (ECSA-HC) as an output of a regional consultation to consider how to better address the nutrition and water sanitation and hygiene (WASH) needs of the poorest children and adolescents living in urban slums and informal settlements. The Collaboration's first implementation science activity is to conduct a three-country assessment focused on child health and nutrition in poor urban areas in Dar es Salaam, Tanzania, Kampala, Uganda and Nairobi, Kenya. The assessment is co-led by University of California, Berkley and UNICEF East Southern Africa Region (ESAR) and implemented by Ifakara Health Institute and TAMASHA (Tanzania), Infectious Diseases Institute and ACTogether & Kibo Foundation (Uganda) and the African Population and Health Research Centre (Kenya). The assessment includes a review of published and grey literature, identification of available existing datasets and analysis of relevant policies and mapping of the informal and formal actors, organizations and promising interventions that impact nutrition and health outcomes in select urban slums and informal settlements in each of the three countries.

We invite those with experience and interest in nutrition and WASH in East Africa to join this interactive workshop, which aims to: share and take stock of the assessment findings, consider differences and similarities across the three countries; seek input from participants on the packaging and communication of findings to facilitate use by various stakeholder groups (local, national, regional); identify regional policy and program implications that can be further refined and shared at regional forum in East Africa; and expand the Implementation Science Collaboration on Urban Health in East Africa through dialogue of next set of implementation science questions to improve the health and development of vulnerable populations in urban settings.

Tuesday, November 27 At-A-Glance	
08:30-12:30	Pre-Conference Workshop 7
	How to make the impossible possible: Lessons learned (so far) from the SALURBAL project [PCW-7]
	Pre-Conference Workshop 8
	What works for multi-sector urban health engagement [PCW-5]
	Pre-Conference Workshop 9
	Tactical approaches to providing adolescent health service in urban settings [PCW-4]
	Pre-Conference Workshop 10
	Healthy-Polis: A global initiative to instigate a clean air, low carbon transition towards healthier and more sustainable cities [PCW-9]
	Pre-Conference Workshop 11
	Implementing the International Guidelines on Urban and Territorial Planning through the 'lens' of Health [PCW-6]
09:00-13:00	City of Kampala Walking Tours

TUE

27/11 08:30 – 12:30 PRE-CONFERENCE WORKSHOP

**PCW-7 How to make the impossible possible: Lessons learned
(so far) from the SALURBAL project**

Leader: Olga Sarmiento, LAC-Urban Health

Room: Majestic

During this workshop, participants will learn from and interact with researchers from the Wellcome Trust-funded international Salud Urbana en America Latina (or SALURBAL, “Urban Health in Latin America) research project, which aims to generate evidence to inform policies and interventions to create healthier, more equitable, and more sustainable cities worldwide by studying the cities of Latin America. The workshop will be participatory and interactive, allowing facilitators and participants to learn from each other. The half-day session aims to build an understanding of how a large interdisciplinary and international team of researchers can work together to ask and answer important urban health research questions to inform healthy urban policies.

Topics covered will include:

- How to build a network and platform for urban health research and policy translation in the global south.
- How to create a flexible integrated data platform for urban health research across and within cities.
- Experimenting with innovative methods for urban health research.
- How to engage policymakers in systems thinking to inform urban health research and policy translation.

Workshop Facilitators: Olga Lucia Sarmiento (Universidad de los Andes), Waleska Caiaffa (Universidade Federal de Minas Gerais), Gina Lovasi (Drexel Urban Health Collaborative), Jose Siri (United Nations University – International Institute for Global Health), Claire Slesinski (Drexel Urban Health).

For questions email: SALURBAL@Drexel.edu

Learn more about the SALURBAL Project at: www.lacurbanhealth.org

TUE

27/11 08:30 – 12:30 PRE-CONFERENCE WORKSHOP

PCW-5 What works for multi-sector urban health engagement

Leader: Amanda Pomeroy, JSI Research & Training Institute

Room: Regal

Urbanization has a large influence on the social determinants of health, those things outside the control of individuals that affect daily living conditions, and ultimately health outcomes. The World Health Organization (WHO) has identified housing, energy, education, transport, green/recreational spaces, and social protection as just a few of the areas that influence one's health.

This workshop will highlight how we are working with city governments to integrate a social determinants of health approach and some successful applications of this theory across sectors. The objective is to provide new and innovative examples of how to develop a shared language, goals, and commitment as a launch point for multi-sector urban health governance. Examples will come from the Strengthening Ethiopia's Urban Health Program (SEUHP) in Ethiopia and the Building Healthy Cities (BHC) project in Southeast Asia, both funded by the U.S. Agency for International Development (USAID) and implemented by JSI and partners.

Our interactive sessions will provide participants with skills to develop plans for their own cities aligning with the New Urban Agenda, supporting several key sustainable development goals, under the principle of "Health in All Policies." This workshop ties into the ISUH theme of The Governance of Complex Systems.

UP NEXT: Parallel Session 1, 13:00-14:30

TUE

27/11 08:30 – 12:30 PRE-CONFERENCE WORKSHOP

PCW-4 Tactical approaches to providing adolescent health service in urban settings

Leader: Marie Donaldson, University Research Co., LLC

Room: Royal Club

In recent years there is increasing advocacy and action at the global level to address the health and development needs of adolescents. This is particularly needed in the urban setting where a growing population of adolescents now live. Despite global calls for action and a recognition of the need, the unique physical, psychosocial, developmental and communication needs of adolescents in healthcare settings presents a challenge for service delivery. Innovative models for providing adolescent health services, which recognize these unique challenges are needed. Reaching adolescents in urban settings with health services requires a multi-sectoral approach and therefore determining appropriate platforms and strategies for meeting the health and development needs can only effectively be addressed through multi-sectoral and disciplinary partnership.

The Implementation Science Collaborative supported by the USAID funded Health Evaluation and Applied Research Development (HEARD) Project based at University Research Co., LLC is hosting this workshop to inform a set of implementation science priorities and a workplan to advance innovative and tactical approaches to providing adolescent health services in urban settings. We invite policy-makers, researchers, implementers and practitioners, advocates and donors to join this dynamic and interactive workshop which will allow participants to: share progress and establish more formalized learning network around implementation science and models for adolescent services in urban settings; identify set of priorities and develop collaborative workplan to inform the implementation of more effective models for adolescent services; contribute to a white paper articulating the challenges associate with providing adolescent services in urban settings, and outlining promising strategies for future efforts.

UP NEXT: Parallel Session 1, 13:00-14:30

TUE

27/11 08:30 – 12:30 PRE-CONFERENCE WORKSHOP

PCW-9 Healthy-Polis: A global initiative to instigate a clean air, low carbon transition towards healthier and more sustainable cities

Leader: Sotiris Vardoulakis, Institute of Occupational Medicine

Room: Meera

There is an urgent need to reduce Non-Communicable Diseases (NCDs) and premature mortality from air pollution, projected to double by 2050 in low- and middle- income countries due to population growth and increases in urban air pollution. A clean air, low carbon transition in rapidly growing cities can deliver substantial public health, environmental, and socioeconomic benefits, by lowering emissions from the most polluting sectors, and reducing personal exposure to air pollution. Making cities more walkable and cycle friendly, improving public transport, and making clean household fuels and technologies more widely available will reduce air pollution and greenhouse gas emissions and help prevent NCDs through better respiratory, cardiovascular and mental health.

The specific objectives of the Healthy-Polis workshop are to:

- 1) Evaluate and promote urban policies and interventions aiming to improve air quality and provide multiple health co-benefits, particularly focusing on low- and middle- income countries.
- 2) Discuss innovation in urban health and environmental sustainability research and practice, focusing on the delivery of the Sustainable Development Goals and the New Urban Agenda.
- 3) Provide a forum for interdisciplinary collaboration on urban environmental health and sustainability, particularly focussing on cross-sectoral, cross-city interactions between the global North and South.

In particular, this interactive workshop will address the ICUH conference theme of Governance of Complex Systems and the importance of different actors in promoting low carbon urban development and effective clean air interventions.

UP NEXT: Parallel Session 1, 13:00-14:30

TUE

27/11 08:30 – 12:30 PRE-CONFERENCE WORKSHOP

PCW-6 Implementing the International Guidelines on Urban and Territorial Planning through the ‘lens’ of Health

Leader: Andrea Oyuela, UN-Habitat

Room: Sheena

Urban planning and land use patterns are intrinsically connected with human health. Evidence demonstrates how current rapid-unsustainable urbanization patterns are directly associated with important negative impacts on human health and well-being, imposing high costs on societies, and challenging the development of economically competitive and inclusive cities. Seen from another perspective, cities also offer various entry points through which the conditions of their population’s health and well-being can be improved: Integrated urban and territorial planning implemented through the “lens” of Health promotes a more sustainable urban development, generating benefits for human and environmental health.

UN-Habitat’s International Guidelines on Urban and Territorial Planning (IG-UTP) constitute a reference framework for planning for the improvement of *policies, plans, designs* and *implementation processes*, providing key-principles and recommendations for four stakeholder groups across multiple levels of urban governance: national governments, local authorities, planning professionals and their associations and civil society organizations. In partnership with the World Health Organization (WHO), UN-Habitat is working on implementing the IG-UTP by enhancing knowledge and building technical capacity of urban actors and decision-makers in using planning as a tool to make cities centers of health and well-being. A guidance on Planning for Health and a set of tools are in development to facilitate the application of the IG-UTP framework from a Health perspective.

This workshop will thus offer an introduction to the IG-UTP as a universal framework for urban health professionals from the public, private and third sector in order to help them identify and promote health priorities and opportunities through urban and territorial planning in their own professional practice. Through a series of presentations, exercises and interactive debates, participants will learn about and apply the tools being developed by UN-Habitat and the WHO, exchanging experiences and identifying strategies to gain the benefits of integrating health in urban and territorial planning.

UP NEXT: Parallel Session 1, 13:00-14:30



INTERNATIONAL SOCIETY FOR URBAN HEALTH

MAKING CITIES HEALTHIER WORLDWIDE



PROGRAM/SCHEDULE

Tuesday, November 27 At-A-Glance	
12:00-17:00	Registration Desk
13:00-14:30	Parallel Session 1
14:30-15:00	<i>Break</i>
15:00-16:30	Welcome Plenary
	Ceremonial Welcome Plenary
16:30-18:00	Plenary Session 1
	Governance of Complex Systems
18:00-19:00	Welcome Reception
19:00-20:30	ISUH Executive Board Meeting/Dinner

LOCATION: Speke Munyonyo Resort and Conference Centre, Kampala, Uganda

TUE

27/11

13:00-14:30 PARALLEL SESSION 1

PS1.1

PRE-FORMED PANEL

Coastal Communities and the Toxic Mobility Inventory

College of Environmental Science and Forestry

Room: Majestic

Chair: Lemir Teron, Assistant Professor, SUNY College of
Environmental Science & Forestry (ESF)

The 2017 Atlantic hurricane season saw numerous nations face catastrophic damage as the results of Irma, Harvey, and Maria. When coupled with a projected increase in extreme events through the duration of the century, it is anticipated that coastal communities globally will face a host of challenges and consequences related to public health, economics, ecological, and structural damage. A largely unexamined component of future threats is the mobilization of legacy pollutants as sediment-based toxins are dispersed by disruptive phenomena. Urban areas will be disproportionately impacted, as metropolitan regions house inordinate amounts of legacy pollutions, inherited from industrial pasts, placing both urban populations and ecologies at risks from further exposure. Toxics mobilization will also be heightened by urban infrastructure (e.g. sewerage, which promotes the rapid movement of flood waters). This research examines the varied dimensions of these impacts along shoreline coastal communities. Considering the scope of global populations and their positioning within coastal watersheds, along with the ubiquity of legacy pollution within coastal regions, the research should have the attention of urban planners and developers and emergency response communities worldwide.

SPEAKERS/DISCUSSANTS

Farah Nibbs

MPS, SUNY ESF (Environmental Engineering, Sustainable Construction Management focus); MA, University of Westminster, London (International Planning & Sustainable Development)

Susan Ekoh

PhD, SUNY ESF (expected 2020); MS Colorado State University (Agriculture and Resource Economics)

UP NEXT: Break, 14:30-15:00

TUE

27/11

13:00-14:30 PARALLEL SESSION 1

PRE-FORMED PANEL

PS1.2

Designing and implementing data-driven interventions and strategies to reduce vaccine preventable diseases in urban settings

JSI Research & Training Institute

Room: Regal

Chair: Dr. Folake Olayinka, Immunization team lead, USAID Maternal, Neonatal and Child Health Program MCSP, Washington D.C., USA

Increasing urbanization and socioeconomic inequities are leaving urban poor populations with greater disease burdens and increasing challenges to access and use the Expanded Program on Immunization (EPI). The traditional public health paradigm suggests that urban dwellers benefit from geographic proximity to a larger number of private and public health centers, cold-chain points, and benefit from improved infrastructure such as transport, electricity, and communications. In contrast to 40 years ago, when EPI services were first designed, the urban poor are increasingly facing social, rather than geographic, barriers to access and use EPI services. New models and tools are needed to help diagnose and address the immunization and health needs of the urban poor. With its potential for high coverage through micro-planning and community-based approaches, EPI services have the potential to deliver other health interventions along the life continuum and to detect and prevent disease outbreaks with epidemic potential. This panel includes a broad range of viewpoints that will give alternative perspectives on the root causes and potential solutions to increase immunization coverage and equity.

SPEAKERS/DISCUSSANTS

Dr. Tim Crocker Buque

Researcher and Public Health Registrar, Department of Global Health and Development, LSHTM, London, UK

Dr. Godwin Mindra

Immunization Specialist, Health Section, Programme Division, UNICEF HQ, New York, USA

Dr. Craig Burgess

Senior Technical Adviser, JSI Research and Training Institute, Inc., Arlington, USA

Rachel Belt

Programme Officer, Country Support, Gavi – The Vaccine Alliance, Geneva,
Switzerland

Dr. Eva Kabwongera

Health Specialist, Uganda Unicef Country Office

Dr. Lubna Hashmat (remotely, by phone)

Civil Society Human and Institutional Development, Pakistan

UP NEXT: Break, 14:30-15:00

TUE

27/11

13:00-14:30 PARALLEL SESSION 1 (ABSTRACTS)

PS1.3

Maternal & Reproductive Health I: Getting to Effective Family Planning Services

Room: Royal Club

Chair: Dr. Waleska Teixeira Caiaffa, Professor of Epidemiology and Public Health, Minas Gerais School of Medicine, Brazil

Contraceptive acceptability and ideation among women in urban cities

N. Afolabi (1), A. Akiode (1), M. Odeku (1)

(1) Nigerian Urban Reproductive Health Initiative, Nigeria

The "low hanging fruits": Understanding the characteristics of non-users who intend to use FP in Lagos state

O.S. Akinola (1), A.A. Akiode (1)

(1) Nigeria Urban Reproductive Health Initiative, Nigeria

Road to understand Women's Reproductive Health and Health Care Utilization in slums of India: Empirical evidence from NFHS-4 (2015-16)

S. Chatterjee (1)

(1) International Institute for Population Sciences, India

Contraceptive Use among Female Sexually Active Nigerian Urban Youths: 2003-2013

T. Dahiru (1), A.A. Aliyu (1)

(1) Ahmadu Bello University, Nigeria

Impact of outreach services on family planning among young married women in an urban slum community in India

G. Kulkarni (1), A. Dyalchand (1)

(1) Institute of Health Management, Pachod, India

UP NEXT: Break, 14:30-15:00

TUE

27/11

13:00-14:30 PARALLEL SESSION 1

PRE-FORMED PANEL

PS1.4

Extending data for urban health decision-making: Area-level indicators in data-scarce contexts from earth observation and geospatial technologies

Université Libre de Bruxelles

Room: Meera

Co-Chair: Catherine Linard, Spatial Epidemiology Lab, Université libre de Bruxelles (ULB), and Department of Geography, Université de Namur, Belgium

Co-Chair: Helen Elsey, Nuffield Centre for International Health and Development, University of Leeds, UK

Urban characteristics vary widely within cities, particularly in low- and middle-income countries where formal and informal settlements coexist, resulting in neighbourhood patterns of population health inequalities. The Sustainable Development Goals (SDGs), Urban Health Equity Assessment and Response Tool (Urban HEART), and UN-Habitat Urban Inequities Surveys identify dozens of area-level health determinant indicators needed by decision-makers to track and make decisions aimed at reducing these inequalities. These indicators have necessarily been constrained by available datasets—typically considered to be household surveys, census, administrative, and health system data. In contexts of data scarcity, advances in earth observation, geospatial, and mobile technologies represent new opportunities to produce area-level datasets. Not only can these data be used directly to calculate neighbourhood- and city-level indicators (e.g., physical and environmental characteristics), they can be combined with population-representative survey, census, administrative and health system data to model population characteristics and outcomes such as average household wealth for all cities in a country. Depending on the data sources and methods, some area-level datasets can be scaled easily across cities, countries, and updated routinely for limited cost and effort, while other datasets are still difficult to scale. The aim of this panel is to raise awareness among health decision-makers about the opportunities offered by earth observation, geospatial, and mobile technologies in the creation of area-level urban health determinant indicators. The presentations include several example applications in African and Asian cities.

SPEAKERS/DISCUSSANTS

Dana R. Thomson, Flowminder Foundation, WorldPop project, and Department of Social Statistics at University of Southampton, UK

Jessica E. Steele

WorldPop project, University of Southampton, UK

Sabine Vanhuyse

Department of Geosciences, Environment and Society (DGES-IGEAT), Université libre de Bruxelles, Belgium

UP NEXT: Break, 14:30-15:00

TUE

27/11

13:00-14:30 PARALLEL SESSION 1

PRE-FORMED PANEL

Alleviating the Access Abyss in Palliative Care and Pain Relief: A Global Perspective from the Lancet Commission Report

PS1.5

New York Academy of Medicine

Room: Sheena

Co-Chair: Dr. Felicia Knaul, Director, University of Miami Institute for the Advanced Study of the Americas

Co-Chair: Dr. Judith Salerno, President, The New York Academy of Medicine

The Lancet Commission on Global Access to Palliative Care and Pain Relief published its report on October 12, 2017. The report, authored by 35 global experts in public health, palliative care, epidemiology, economics, public policy, and human rights, focused on the alleviation of suffering that disproportionately affects individuals living in low- and middle-income countries (LMICs). The Commission recommended a series of solutions that are low-cost and effective. It further highlighted the importance of relief of suffering as a necessity for achieving the SDG target for universal health coverage, and how providing access to an essential palliative care package could alleviate much of the world's suffering. This panel will provide an overview of the worldwide problem in access to pain relief and palliation, and present the Commission's main recommendations, with an emphasis on how regional networks and advocacy associations are working to ensure implementation of these recommendations at the local, national and regional levels. Examples of successful strategies from Latin America, Africa and other regions will be presented, as well as highlights from initiatives that address problems affecting special populations (e.g. children).

SPEAKERS/DISCUSSANTS

Dr. Tania Pastrana

President, Latin American Association for Palliative Care

Dr. Emmanuel Luyirika

Executive Director, African Palliative Care Association

Dr. Julia Downing

CEO, International Children's Palliative Care Network

Dr. Liliana De Lima

Executive Director, International Association for Hospice and Palliative Care

UP NEXT: Break, 14:30-15:00

TUE

27/11 15:00-16:30 WELCOME PLENARY SESSION

PLW Welcome Plenary (Ceremonial)

Room: Speke Ball Room

Conference hosts, government officials, and other dignitaries will welcome the participants and share their perspectives on the importance of the conference and its theme “Managing Urbanization for Healthy: A Priority for all Nations.”

Welcome from the Uganda National Academy of Sciences

Prof. Nelson Sewankambo

President of the Uganda National Academy of Sciences

Welcome from the International Society for Urban Health

Dr. Jo Ivey Boufford

President of the International Society for Urban Health

Welcome from WHO-AFRO

Dr. Matshidiso Moeti (Invited)

WHO Regional Director for Africa

Welcome from UN-Habitat

Ms. Maimunah Mohd Sharif (Invited)

Executive Director of UN-Habitat

Welcome from the World Health Organization

Dr. Tedros Adhanom Ghebreyesus (Invited)

Director General of the World Health Organization

Welcome from the Kampala Capital City Authority

Ms. Jennifer Musisi

Executive Director of the Kampala Capital City Authority

Welcome from the Office of the Prime Minister of Uganda

Rt. Hon. Dr. Ruhakana Rugunda

Prime Minister of Uganda

UP NEXT: Plenary Session 1, 16:30-18:00

TUE

27/11

16:30-18:00 PLENARY SESSION 1

PL1

Governance of Complex Systems

Room: Speke Ball Room

Urbanisation creates increasingly complex systems of service delivery. Governance refers to how power is managed within such complex relationships. As cities grow, critical systems like transportation, urban planning, food, clean water, housing, education, social services, and health care delivery systems become increasingly interconnected. How power is delegated from the national to the local level to manage service delivery in this environment is crucial to achieving the New Urban Agenda and the urban goal of the SDGs. Importantly, governance extends beyond a discussion of governments to consider the role of civil society groups, the private sector, powerful lobbies, and the international community in achieving urban health goals at the local level. Today, many existing governance structures are highly politicised and contain vestiges of colonial practice. How governments decide to engage in partnerships with other sectors and with communities themselves in developing policies and programs remains an important issue across countries. In the context of sub-Saharan Africa and other developing regions, widespread political and economic informality have profound effects on the governance of urban space. Navigating such informal dynamics to encourage accountability in service delivery presents an important topic for trans-disciplinary discussion

CHAIR

Dr. Eugenie L. Birch

Lawrence C. Nussdorf Professor of Urban Education and Research, University of Pennsylvania, Chair of the United Nations Human Settlements Programme's World Urban Campaign, UK

PANELLISTS

Dr. Catherine Kyobutungi

Executive Director, African Population & Health Research Center, Kenya

Dr. Agis Tsouros

International Advisor, Health Policy & Strategy, UK

Dr. Mark Davies

Chief Medical Officer (Europe), IBM, UK

UP NEXT: Welcome Reception, 18:00-19:00

Wednesday, November 28 | At-A-Glance

07:30-17:00	Registration Desk
08:30-10:00	Parallel Sessions 2
10:00-10:30	<i>Break / Poster Session</i>
10:30-12:00	Plenary Session 2 Culture & Inclusivity
12:00-13:30	<i>Lunch Break</i>
12:15-13:15	UN-Habitat Book Launch IG-UTP Compendium of Inspiring Practices: Health Edition
13:30-15:00	Parallel Sessions 3
15:00-15:30	<i>Break / Poster Session</i>
15:30-17:00	Plenary Session 3 Disasters, Epidemics, and the Unexpected
17:00-17:15	<i>Break</i>
17:15-18:45	Parallel Sessions 4

WEDNESDAY

LOCATION: Speke Munyonyo Resort and Conference Centre, Kampala, Uganda

WED

28/11

08:30-10:00 PARALLEL SESSION 2

PRE-FORMED PANEL

PS2.1

Nursing and the Challenges of Urbanization

Yale University

Room: Royal Palm

Chair: David Vlahov PhD RN, Associate Dean for Research and
Professor, Yale School of Nursing, USA

Cities are growing in size, density, diversity, complexity, and inequity. This growth presents challenges for population health. Nurses play a critical cross-cutting role for health service delivery, public health policy, and administration. The challenges ahead are considerable, but the opportunity for impact is clear.

SPEAKERS/DISCUSSANTS

Rose Nabirye, PhD RN

Lecturer at Makerere University Department of Nursing, Uganda

Rose Clarke Nanyonga PhD, APRN, FNP

Vice Chancellor, Clarke International University, Kampala, Uganda

UP NEXT: Break / Poster Session, 10:00-10:30

WED

28/11

08:30-10:00 PARALLEL SESSION 2

PRE-FORMED PANEL

PS2.2

Effects of Decentralization on Urban Water Infrastructure

MercyCorps, WASHFIN, GIZ

Room: Acacia

Chair: Patrick Cantin, Program Director IMAGINE program, Mercy Corps, DRC

GIZ: Will focus on how they have worked to help get the national water law and policy passed in the DRC, and how they have used these tools to help build capacity at provincial and local level of the maître d’ouvrage (public contracting authority) and engage private sector, to improve public water services in small and large centers and peri-urban areas.

MERCY CORPS: Will focus on experience from the IMAGINE program, a multi-year investment from DFID to increase water access and improve water governance in two eastern cities in DRC (Goma and Bukavu). Despite a recent national water law and policy liberalizing the sector and transferring contracting authority to the provinces and regulatory power to the government, application of the law remains a challenge—no contracts have been awarded for water distribution at the provincial level, leaving the state water company REGIDESO and other private companies in legal limbo. In this context, MC is working to build infrastructure to increase water supply; MC will then oversee management of this network of public tap stands with a viable social venture business model and public private partnership. At the same time MC is working with the utility company and civil society organizations to ensure that consumers are informed and educated on their rights and responsibilities, and able to use the operator’s complaints response mechanism.

WASHFIN: Will focus on Impact of Devolution on Leveraging Non-Traditional Financing for the Water and Sanitation Sector in Kenya. Kenya is among the leaders in decentralization on the African continent with the 2010 Constitution laying a strong foundation for devolving service delivery to the 47 county governments. For the WASH sector, the devolution effort is further strengthened through the Water Act of 2016 that, among other things, gives the water service providers the right to seek financing to invest in infrastructure development. This presentation examines how the repositioning of power as part of the devolution process impacts the ability of the water service providers to make financial decisions and ultimately leverage financial resources into the sector.

SPEAKERS/DISCUSSANTS

Gisele Kilemba Yala

Technical Advisor RESE project GIZ, DRC

Claire Espey

Deputy Director IMAGINE program, Change and Governance, Mercy Corps DRC

Barbara Mwila Kazimbaya-Senkwe

PhD; Africa Coordinator USAID-Water Sanitation and Hygiene Finance (WASHFIN)

UP NEXT: Break / Poster Session, 10:00-10:30

WED

28/11

08:30-10:00 PARALLEL SESSION 2

PS2.3

PRE-FORMED PANEL

Conducting Household Surveys in Slums and Informal Settlements

Warwick Centre for Applied Health Research & Delivery (W-CAHRD)

Room: Ebony

Chair: Richard Lilford

Surveys are one of the main research tools for learning about a population. Cross-sectional and longitudinal household surveys are widely used in epidemiology, economics, and related fields. A scientifically valid survey requires a random sample, and hence a sampling frame—a list of all possible sample members—to avoid bias in making population inferences. However, the nature of slums and informal settlements means there is little information on residents or even where dwellings are located. This session will discuss how valid surveys can be conducted in slums and informal settlements and the potential pitfalls that may arise. Joao Porto de Albuquerque will discuss how geospatial methods involving satellite imagery and participatory mapping (ground truthing) can be used to map slums and create spatially-explicit sampling frames, Caroline Kabaria will discuss the practicalities of slum-based surveys drawing on experience from the Nairobi Urban Health Demographic Surveillance System that has been running since 2003, and Sam Watson will discuss potential biases in analyses of slum-based data. This session aims to explore how methods to monitor and evaluate urban health indicators in the areas of greatest poverty can be improved and developed.

SPEAKERS/DISCUSSANTS

Joao Porto de Albuquerque

Caroline Kabaria

Sam Watson

UP NEXT: Break / Poster Session, 10:00-10:30

WED

28/11

08:30-10:00 PARALLEL SESSION 2

PRE-FORMED PANEL

Improving governance through enhancing evidence-based urban health planning—insights from three cities

PS2.4

Nuffield Centre for International Health and Development, University of Leeds

Room: Jacaranda

Chair: Dr. Helen Elsey, Nuffield Centre for International Health and Development, University of Leeds, UK

Well-performing urban health systems require good governance. Rational and evidence-informed policy and planning is a crucial determinant of effective health systems governance. However, urban health planning has technical and political requirements and considerations. Key technical issues include sufficient knowledge and skills of individuals, combined with adequate structures for evidence-informed decisions. The political dimension involves power relationships, negotiations and tensions between different actors—including civil society, service providers and the planners themselves. This combination of technical and political dimensions results in compromises throughout the stages of evidence generation, dissemination and use. This panel aims to share, and with the audience, jointly reflect upon, the delicate balance between the technical and political dimensions of urban health planning. We will report results from a larger mixed-methods study implemented in three Asian cities: Pokhara (Nepal), Dhaka (Bangladesh) and Hanoi (Vietnam). This session should be of interest and relevance to academics, policymakers and practitioners wishing to advance their understanding of how city authorities can strengthen evidence-informed planning, ultimately improving urban health governance.

SPEAKERS/DISCUSSANTS

Dr. Helen Elsey

University of Leeds on behalf of Hanoi University of Public Health, Vietnam

Dr. Tarana Ferdous

ARK Foundation, Bangladesh

Dr. Ak Narayan Poudel

University of Leeds on behalf of HERDInternational, Nepal

UP NEXT: Break / Poster Session, 10:00-10:30

WED

28/11

08:30-10:00 PARALLEL SESSION 2

PRE-FORMED PANEL

The Challenge Initiative for Healthy Cities (TCIHC) – Accelerating the uptake of proven reproductive, maternal, newborn, child and adolescent health (RMNCH+A) interventions in partnership with the Government of India’s National Urban Health Mission (NUHM)

PS2.5

JSI Research & Training Institute

Room: Mahogany

Chair: Dr. M.K. Sharma, Chief of Party, The Challenge Initiative for Healthy Cities (TCHIC)/PSI-India

By 2030, almost half of India’s 1.5 billion people will reside in cities. In 2013, Government of India launched the National Urban Health Mission (NUHM) to improve equity and strengthen health services for the urban poor. The Challenge Initiative for Healthy Cities India (TCIHC) works with NUHM and 31 cities in Uttar Pradesh, Madhya Pradesh and Odisha states to scale up high-impact reproductive, maternal, newborn, child and adolescent health (RMNCH+A) interventions. This panel focuses on rapid assessments, surveys, and other data sources used with cities and states to develop RMNCH+A “road maps” and monitor results. The first presentation will describe how NUHM and TCIHC bring government, private sector and civil society stakeholders together to plan citywide RMNCH+A initiatives. The second will describe methods used to assess urban health systems: rapid city assessments, line listing/mapping of urban slums and health resources, facility readiness assessments, data from referral and project MIS, and secondary HMIS analysis. The third presentation will describe work with 12 cities to triangulate and correct their slum and slum population estimates and thereby “unlock” government resources. The final case study focuses on Indore, where city assessment findings were used to reorganize the Urban Primary Health Centres and establish appropriate referral mechanisms for the vulnerable in slum communities. TCIHC is developing Indore and several other cities as “models” where those interested in improving urban health outcomes can visit and learn. The session will end with moderated Q&A.

SPEAKERS/DISCUSSANTS

Mr. S. Vishwanathan (IAS)

Mission Director, National Health Mission, Madhya Pradesh, India

Dr. U. Gangawar

General Manager, National Urban Health Mission, Uttar Pradesh, India

Dr. H. N. Nayak

Chief Medical & Health Officer, Indore, Madhya Pradesh, India

Dr. Benazir Patil

Technical Advisor – Urban Planning, Governance & Advocacy, The Challenge Initiative for Healthy Cities/Save the Children–India

Ms. P. Achyut

Associate Director, Monitoring, Learning, and Evaluation, The Challenge Initiative for Healthy Cities/PSI-India

UP NEXT: Break / Poster Session, 10:00-10:30

WED

28/11

08:30-10:00 PARALLEL SESSION 2

PRE-FORMED PANEL

Harnessing Urban Private Enterprise for Equitable Public Service Delivery: How innovative inter-sectoral collaborations are connecting disconnected cities

PS2.6

**Public Health Foundation India-Royal Norwegian Embassy
Universal Health Care Initiative & The Urban Health Systems and Innovations Project**

Room: Meera

Chair: Professor Evelyne de Leeuw Director, Centre for Health Equity Training & Evaluation, University of New South Wales, Australia

This panel discussion will explore a social and environmental determinants approach that implies that much of the policy and practice effecting urban health equity lies outside the health sector. Session 1) Private Cities and Public Health: Will present the explosive growth story of “Gurgaon” one of India’s first private cities. Session 2) Private Enterprise and Urban Planning: With rapid urbanization being manifest in cities through pervasive informal settlements, characterized by the absence of such basic services as potable water and sanitation that in some instances reaches more than 40% of a given city, the private sector has filled the gap. This session will survey the variety of solutions offered, evaluating their costs and coverage; their integration with municipal functions and their likely outcome on community health. Session 3) Public-Private Multi-Sectoral Partnerships for Population Health Outcomes: Will showcase the Better Hearts Better Cities model—a multi-sectoral approach to improve cardiovascular health in low-income urban communities in Mongolia, Senegal, and Brazil. Session 4) Re-Engineering Healthy Cities: Public health supply chains in Africa can be complex ventures that present a critical need to balance and address competing interests from multiple stakeholders—bureaucracy, donor interests, and infrastructure limitations. This session will explore supply chain transformation projects targeting 5 strategic elements (1) customers & markets (2) metrics & measurement capability (3) supply chain and enterprise systems (4) process capability and (5) people development.

SPEAKERS/DISCUSSANTS

Priya Balasubramaniam

Public Health Foundation of India

Eugenie L. Birch

Nussdorf Professor of Urban Research, Chair, Graduate Group in City and Regional Planning, University of Pennsylvania

Chandan Deuskar

PhD student, University of Pennsylvania

Roberta Bosurgi

Head of Urban Health Initiative, Novartis Foundation

Desta Lakew

Director, Strategic Partnerships, Amref Africa, Kenya

UP NEXT: Break / Poster Session, 10:00-10:30

WED

28/11

PS2.7

**08:30-10:00 PARALLEL SESSION 2
(ABSTRACTS)**

Infectious Diseases I: NTD and ID Prevention in Urban Areas

Room: Majestic

Chair: Dr Charles Ebikeme, Science Officer, ICSU, Paris

Eliminating neglected tropical diseases in urban areas: challenges, strategies and research directions

A. Adams (1), S. Bialek (2), T. Brandt (2), E. Birch (1), J. Koroma (4), J. Shott (3), M. Vuckovic (1), M. Baker (5)

(1) Georgetown University, USA, (2) CDC, USA, (3) USAID, USA, (4) FHI360, USA, (5) RTI International, USA

Household Characteristics as determinants of Ownership of mosquito nets in Urban Households in Nigeria

O.A. Alawode (1), V. Chima (1), A.F. Awoleye (1)

(1) Obafemi Awolowo University, Nigeria

Spatio-temporal pattern and risk factors for diarrheal disease in under-five aged children

Y.C. Akinyemi (1)

(1) University of Ibadan, Nigeria

Examining exposure to fecal contamination in urban environments: the SaniPath exposure assessment in multiple low-income cities

C.L. Moe (1), Y. Wang (1), S. Raj (1), H. Yakubu (1), J. Green (1), C. Siesel (1), P. Teunis (1)

(1) Emory University

UP NEXT: Break / Poster Session, 10:00-10:30

WED

28/11

10:00-10:30 POSTER SESSION

- [P.01] **Determination of pathogen subgroup exposure based on presence of ecoli among households in obunga kisumu kenya**
J.O. Ondiji^{*1}, B.E. Atitwa¹, O. Imali¹, B. Kelly², S. Sheillah¹, O. Cumming³, R. Dreibelbis³, C. Alexandria³, J. "Mumma"¹, ¹*Great Lakes University of Kisumu, Kenya*, ²*University of IOWA, USA*, ³*London School of Hygiene and Tropical Medicine, UK*
- [P.02] **Maternal and child DHS health indicators, disaggregated by poverty, for sub-Saharan African cities**
A. Ditter, R. Cohen, L. Abebe*, H. Petach, C. Bennett, *United States Agency for International Development, USA*
- [P.03] **Increasing urbanisation problems: Implications on safe water, sanitation and hygiene practices**
M.P. Ajayi*, E.O. Amoo, G.W. Samuel, A.E. Jegede, S.O. Adeusi, T. Olawande, *Covenant University, Nigeria*
- [P.04] **Spousal discussion on family planning and decision to use family planning services. How involved are men in our communities? Findings from omnibus survey in 8 States in Nigeria**
L.S. Ajijola*, O. Ishola, K. Dashe, N. Afolabi, V. Igharo, M. Brendan, D. Akila, S. Olabode-Ojo, A. Akiode, M. Odeku, *Johns Hopkins Centre for Communication Programs, Nigeria*
- [P.05] **Fatalism as a determinant of family size: Expanding the understanding of the phenomenon**
A.N. Akiode*, A.A. Akiode, N.B. Afolabi, K.M. Abdullahi, *Nigerian Urban Reproductive Health Initiative, Nigeria*
- [P.06] **Infectious disease in a suburban planet**
S.H. Ali^{*1}, C. Connolly², R. Keil¹, ¹*York University, Canada*, ²*National University of Singapore, Singapore*
- [P.07] **Ebola Pandemic and health seeking behaviour among urban men: Strategic framework for management of health emergencies**
E.O. Amoo*, G.A. Oni, A.O. Obayan, A. Alao, G.W. Samuel, *Covenant University, Nigeria*
- [P.08] **Urban conditions and screening behaviour of prostate cancer among working-class men in North-west and South-west Nigeria**
E.O. Amoo*, S.O. Oguni, M.P. Ajayi, A. Adebayo, *Covenant University, Nigeria*
- [P.09] **City health plan: A comprehensive approach to address health needs of the city**
S. Banerjee, *Asian Development Bank, India*
- [P.10] **Assessing the quality of health services provided through the urban health extension program in Ethiopia: A descriptive analysis**
Y.T. Bayou^{*1}, H.A. Tilahun¹, D. Hailemariam², A. Nega², B. Tassew², M. Adssie², D. Assefa², D. Siraw², ¹*John Snow, Inc, Ethiopia*, ²*Addis Ababa University, Ethiopia*
- [P.11] **Implementing an Urban community health information system: Early implementation experiences from Ethiopia**
Y.T. Bayou*, H.A. Tilahun, B. Tadesse, C. Yasin, M. Abuye, Y. Leta, *John Snow, Inc, Ethiopia*

- [P.12] **Leadership, management, and governance (LMG) training to improve the quality of facility-based care in urban Ethiopia**
Y.T. Bayou*, T. Hailu, H.A. Tilahun, M. Bejiga, B. Debebe, *John Snow, Inc, Ethiopia*
- [P.13] **Improving urban health governance through strengthening information system in Bangladesh: Opinions of key stakeholders**
D.S. Bhattacharyya*, A. Alam, A. Khanom, M.E. Chowdhury, *Share International Centre for Diarrhoeal Disease Research, Bangladesh*
- [P.14] **Strengthening individual and institutional capacity to use 'urban health atlas' – An interactive geo-referenced health information system tool to reinforce health services delivery and governance in urban Bangladesh**
D.S. Bhattacharyya*¹, S. Shafique¹, S.M. Hasan¹, T. Hossain¹, S. Ahmed¹, R. Islam¹, N.A. Rakib¹, A. Adams², ¹*International Centre for Diarrhoeal Disease Research, Bangladesh*, ²*Georgetown University, USA*
- [P.15] **Spatial analysis of the perception of family planning among urban teenage mothers in Nigeria**
M.G. Brendan*, N. Afolabi, *Nigerian Urban Reproductive Health Initiative, Nigeria*
- [P.16] **Reaching the urban poor with vaccines: Challenges and opportunities**
C. Burgess*, I. Hussein, *JSI Research & Training Institute, Inc., USA*
- [P.17] **Health gossip in the city: Navigating the tensions of governing urban health risks in an African City**
K. Buyana, *Makerere University, Uganda*
- [P.18] **Bioethics reflections involving the 2030 agenda for sustainable development and health promotion for university teaching staff**
I.N. Carlotto*, M.A.P. Dinis, *University Fernando Pessoa, Portugal*
- [P.19] **Perceived causes and treatment of child diarrhea in the informal settlements: Evidence from Obunga, Kisumu Kenya**
L. Cheruiyot*¹, E. Aseyo¹, S. Simiyu¹, D. Nelima⁴, R. Dreibelbis³, K. Baker², O. Cumming³, J. Mumma¹, ¹*Great Lakes University of Kisumu, Kenya*, ²*University of IOWA, USA*, ³*London School of Hygiene and Tropical Medicine, UK*, ⁴*The Africa Early Childhood Network (AfECN), Kenya*
- [P.20] **Estimating the burden of injury related disabilities among urban population in Bangladesh from a nationwide survey: Apriority agenda for achieving the sustainable Development Goals (SDGs)**
S.M. Chowdhury*¹, F. Rahman¹, M.R. Arif¹, ¹*Centre for Injury Prevention and Research, Bangladesh*, ²*Ministry of Health & Family Welfare, Bangladesh*
- [P.21] **Prevalence and risk factors of hypertension among adult male in urban areas of India**
M. Dutta*¹, L. Prashad¹, ¹*International Institute for Population Sciences, India*, ²*Tata Institute of Social Sciences, India*
- [P.22] **The impact of low emission on the health of the residents of the cities of Middle Odra region (Poland)**
M. Dzikuc*, M. Dzikuc, *University of Zielona Góra, Poland*
- [P.23] **Youthbuild Brazil: Changing lives and communities**
K. Edmundo*¹, M. Ablá¹, D. Becker¹, B.H. Smith², P. Hoyt-Hudson², M. Phillips², ¹*Centro de Promoção da Saude, Brazil*, ²*The Rogosin Institute, USA*

- [P.24] **Barriers to healthcare delivery and recommendations for ameliorating healthcare for street-connected young people in Kenya**
P. Shah¹, L. Embleton^{*2}, A. Gayapersad², R. Kiptui³, D. Ayuku³, P. Braitstein²,
¹Academic Model Providing Access to Healthcare, Kenya, ²University of Toronto, Canada, ³Moi University, Kenya
- [P.25] **Conceptualizing stigma and discrimination of street-connected young people in Kenya**
L. Embleton^{*1}, P. Shah¹, A. Gayapersad-Amin¹, R. Kiptui¹, D. Ayuku¹, P. Braitstein¹,
¹University of Toronto, Canada, ²Academic Model Providing Access to Healthcare, Kenya, ³University of Toronto, Canada, ⁴Moi University, Kenya
- [P.26] **Indicators for healthy place-making: Evolving systemic patterns**
M. Grant, *Environmental Stewardship for Health, UK*
- [P.27] **Urban health program of India: Progress, learning, and challenges**
B. Gupta^{*1}, S. Banerjee², ¹MOHFW, India, ²Asian Development Bank, India
- [P.28] **Quality of health services in urban health extension program and its associated challenges in Ethiopia**
D. Hailemariam^{*1}, M.A. Addise¹, D. Assefa¹, B. Tasew¹, A. Nega¹, D. Siraw², Y. Tebekaw³, H. Alemu³, ¹Addis Ababa University, Ethiopia, ²Center for Urban Health Development, Ethiopia, ³JSI-Strengthening Ethiopia's Urban Health Program, Ethiopia
- [P.29] **Strengthening urban health systems through health facility mapping**
S.M. Hasan^{*1}, S. Ahmed¹, D. Shankar¹, S. Shafique¹, A. Adams², ¹International Centre for Diarrhoeal Disease Research, Bangladesh, ²Georgetown University, USA
- [P.30] **Spectacles-wear compliance monitoring among school children in selected slums in Dhaka**
M.A. Hossain^{*1}, H. Kim², M. Alauddin¹, L. Husain¹, M. Ahmed¹, N. Kabir¹, ¹Orbis International Bangladesh, Bangladesh, ²Project BOM, Republic of Korea
- [P.31] **Situation of uncorrected refractive error among urban school children of Dhaka**
M.A. Hossain^{*1}, H. Kim², L. Husain¹, M. Alauddin¹, M. Ahmed¹, N. Kabir¹, ¹Orbis International Bangladesh, Bangladesh, ²Project BOM, Republic of Korea
- [P.32] **Assessing diagnostic and evaluation tools for use in urban immunisation programming: A critical narrative review and proposed framework**
T. Crocker-Buque, S. Mounier-Jack, N. Howard^{*}, *London School of Hygiene and Tropical Medicine, UK*
- [P.33] **Urban health risk indicators for monitoring negative external effects of transport - examples from Norway**
S.H. Jørgensen, *Norwegian University of Science and Technology, Norway*
- [P.34] **Assessing water, sanitation and hygiene services during flooding events in two vulnerable settings in Abidjan, in Côte d'Ivoire**
P. Kouame^{*1}, C.B. Niwagaba¹, D. Kouassi¹, G. Fokou¹, B. Bassirou¹, ¹Centre Suisse de Recherches Scientifiques en Côte d'Ivoire, Cote D'Ivoire, ²Makere University, Uganda
- [P.35] **Invest for Wellness (i4We) - A high impact self funded primary health care model for special communities**
S. Kumar, *Swasti, India*
- [P.36] **Big city interventions for key populations (HIV)**
S. Kumar, *Swasti, India*

- [P.37] **Computerized maintenance management system (CMMS) as a strategic tool for public health facility maintenance**
O.T. Laseinde, *University of Johannesburg, South Africa*
- [P.38] **Multi criteria considerations for optimization of health care facility lifecycle plans**
O.T. Laseinde, *University of Johannesburg, South Africa*
- [P.39] **Value creators: An innovative approach to solve urban health's wicked challenges**
A.M.J. Leusenkamp, *Windesheim University of Applied Sciences, The Netherlands*
- [P.40] **How active is a campus? evaluating college students' physical activity and hints for healthy workplace**
J.L. Zhang, J.P. Liu*, Q.X. Xu, Y.F. Wang, Z. Xu, *Nanjing Forestry University, China*
- [P.41] **Integrating sustainable water and sanitation solutions to create safer, more inclusive and climate resilient cities in Tanzania and South Africa**
B. Levira¹, E. Mrimi¹, J. Thomas², C. Buckley³, D. Lwetoijera^{*1}, ¹Ifakara Health Institute, Tanzania, ²University of Sydney, Australia, ³University of Kwazulu-Natal, South Africa
- [P.42] **Leading health promotion through community empowering evaluation, a continuous challenge in Medellin**
E. Martinez^{*1}, Y. Lemos¹, C. Rodriguez¹, D. Hernandez¹, V. Lopera^{1,2}, ¹University of Antioquia, Colombia, ²The Secretariat of Health, Medellin, Colombia
- [P.43] **Healthy change experiences addressed by women, based on commune planning actions in a deprived zone in Medellin**
S. Cano, E. Martínez*, A. Agudelo, *University of Antioquia, Colombia*
- [P.44] **Understanding the extent and nature of evidence-informed urban health planning: Lessons from three Asian cities**
T. Mirzoev^{*1}, A.N. Poudel¹, D. Wong¹, S. Khanal², S. Baral², D.M. Duc³, H.V. Minh³, R. Huque⁴, T. Ferdous⁴, H. Elsey¹, ¹University of Leeds, UK, ²HERD International, Nepal, ³Hanoi University of Public Health, Viet Nam, ⁴ARK Foundation, Bangladesh
- [P.45] **Salutogenic social innovation: The sense of community coherence in seven "comunas" of Medellin, 2018**
J.C. Molina*, E. Martinez, *Universidad de Antioquia, Colombia*
- [P.46] **The spill over effects of tobacco control policy in the South African health system**
C.M. Mostert, *University of Witwatersrand, South Africa*
- [P.47] **Knowledge and practices of healthcare workers regarding medical waste management in an urban tertiary hospital in Gaborone Botswana**
B. Mugabi*, S.C. Chima, *University of KwaZulu-Natal, South Africa*
- [P.48] **Gentrification (2006-2015) and self-rated health in California neighborhoods**
J.M. Izenberg¹, M.S. Mujahid^{*2}, I.H. Yen³, ¹UCSF, USA, ²UC Berkeley, USA, ³UC Merced, USA
- [P.49] **Precarious work and female informal market traders in a time of cholera: The 2017 – 2018 cholera outbreak in Lusaka, Zambia.**
C.N. Mulenga^{*1}, M. Mulunga², O.A. Yerokun², D. Mpolomoka², ¹University of Cape Town, South Africa, ²Zambian Open University, Zambia

- [P.50] **Evidence for the re-engineering of urban Jamaican informal settlements as a health equity and social justice tool**
J. Mullings^{*1}, M. Sue Ho^{1,2}, L. Dunn¹, C. Archer^{1,3}, R. Wilks¹, ¹*The University of the West Indies, Jamaica*, ²*Jamaica Social and Investment Fund, Jamaica*, ³*University of Technology, Jamaica*
- [P.51] **'Whole-city' as a new concept of urban governance in resource-constrained cities in the global south**
L. Musoro, *London Metropolitan University, UK*
- [P.52] **Unseen health risks in informal Delhi's housing: Application of a holistic rapid risk assessment tool to identify and respond to settlement hazards**
E. Nix^{*1}, J. Paulose², I. Bhatnagar¹, C. Shrubsole¹, H. Altamirano-Medina¹, R. Khosla², ¹*UCL Institute for Environmental Design and Engineering, UK*, ²*Centre for Urban and Regional Excellence, India*
- [P.53] **Evidence driven advocacy: The arrowhead for business unusual approach to family planning program in ogun state**
C.D. Amaechi, V.I. Igharo, O.A. Ojelade^{*}, A.O. Oyeyemi, O.K. Omotoso, *The Challenge Initiative, Nigeria*
- [P.54] **Using home grown social behaviour change communication committee as sustainability platform for reproductive health social mobilisation in Ogun State, Nigeria**
O.A. Ojelade^{*}, A.O. Oyeyemi, *The Challenge Initiative, Nigeria*
- [P.55] **Electronic waste management in developing countries: A study of environmental impacts and issues in Lagos, Nigeria**
J.O. Olayinka-Olagunju^{*}, M.D. Simatele, *University of the Witwatersrand, South Africa*
- [P.56] **Magnitudes of household environment association with diarrhoea diseases and treatment seeking behaviours among under-five children in India**
S. Patel^{*}, S.K. Patel, *International Institute for Population Sciences, India*
- [P.57] **De-engineering sustainable sanitation solutions for urban poor: Uncovering complex systems and challenges**
J. Paulose^{*1}, R. Khosla¹, P. Singh¹, A. Kumar², C.K. Rao³, ¹*Centre for Urban and Regional Excellence, India*, ²*Jal Seva Charitable Foundation, India*, ³*International Water Management Institute, India*
- [P.58] **Understanding nutrition transition and the influence of culture on food and body image among migrant women in Nairobi, Kenya**
R. Peters^{*1}, H. Elsey¹, J.N. Newell¹, A.J. Hill¹, B.U. Mberu², P. Muriuki², M. Muasa³, E. Anono⁴, ¹*University of Leeds, UK*, ²*African Population Health Research Centre, Kenya*, ³*Carolina for Kibera, Kenya*, ⁴*Kenyatta University, Kenya*
- [P.59] **Willingness to pay for health insurance among urban poor: An evidence from urban health care project in Bangladesh**
M.M. Rahman^{*1}, S. Mizan¹, R. Safii¹, S.K. Ahmad^{1,2}, ¹*Universiti Malaysia Sarawak, Malaysia*, ²*Bangladesh University of Health Sciences, Bangladesh*
- [P.60] **Challenges and opportunities for healthy aging in urban Uganda**
A. Rishworth^{*}, S.J. Elliott, *University of Waterloo, Canada*
- [P.61] **The urban health of Siliguri city in West Bengal: Spatial analyses of land use land cover change**
A. Rudra^{*}, N. Sharif, *IIPS, India*

- [P.62] **Does safe abortion reduce post abortion complication in India?**
H. Sahoo, *International Institute for Population Sciences, India*
- [P.63] **Learning to plan healthier cities with precise data**
A. Salmi*¹, J. Chenal¹, I. Guessous^{2,3}, S. Joost^{1,3}, ¹Urban and regional planning community (CEAT), School of Architecture, Civil and Environmental Engineering (ENAC), Ecole Polytechnique Fédérale de Lausanne (EPFL), Switzerland, ²Geneva University Hospitals, Switzerland, ³Laboratory of Geographic Information Systems (LASIG), School of Architecture, Civil and Environmental Engineering (ENAC), Ecole Polytechnique Fédérale de Lausanne (EPFL), Switzerland
- [P.64] **Body mass index association with exposure to night-time noise in the state of Geneva**
A. Salmi*¹, J. Chenal¹, S. Joost^{1,3}, I. Guessous^{2,3}, ¹Urban and regional planning community (CEAT), School of Architecture, Civil and Environmental Engineering (ENAC), Ecole Polytechnique Fédérale de Lausanne (EPFL), Switzerland, ²Geneva University Hospitals, Switzerland, ³Laboratory of Geographic Information Systems (LASIG), School of Architecture, Civil and Environmental Engineering (ENAC), Ecole Polytechnique Fédérale de Lausanne (EPFL), Switzerland
- [P.65] **Measuring the SDG target to reduce road traffic deaths: Quality of vital registration coding of road traffic deaths in 366 Latin American cities**
D.A. Quistberg¹, P. Hessel², C.G. Guevel⁷, O.L. Sarmiento*², D.A. Rodriguez³, W.T. Caiaffa⁴, A.A. Hernandez-Vasquez⁵, M.F.R.P. Pina⁶, U. Bilal¹, L.R. Brandt⁵, ¹Drexel University, USA, ²Universidad de los Andes, USA, ³University of California, USA, ⁴Universidade Federal de Minas Gerais, Brazil, ⁵Universidad Peruana Cayetano Heredia, Peru, ⁶Fundação Oswaldo Cruz, Brazil, ⁷Universidad de Lanús, Argentina
- [P.66] **Effect of the urban and rural divide on health and demography in India: Evidence from NFHS-4**
S.K. Saroj, *Jawaharlal Nehru University, India*
- [P.67] **Housing conditions and its impact on maternal and child health inequalities in selected eight Indian cities: A comparative study from NFHS-III (2005-06) and NFHS-IV (2015-16)**
S.K. Saroj, *Jawaharlal Nehru University, India*
- [P.68] **Understanding the factor associated with alcohol use among men who have sex with men in urban Andhra Pradesh, India**
S. Sharma, *International Institute for Population Sciences, India*
- [P.69] **Association between mobility, violence and STI/ HIV among female sex workers in urban Andhra Pradesh, India**
S. Sharma, *International Institute for Population Sciences, India*
- [P.70] **Re-emerging of plasmodium vivax malaria in temperate climate: Example of outbreak in Moscow (Russia) during 1999-2009**
N. Shartova*, V. Mironova, M. Varentsov, M. Grischenko, P. Konstantinov, *Lomonosov Moscow State University, Russia*
- [P.71] **Social aspects of abortion in India: Religion and education**
A.S. Shukla, *Population Council, India*
- [P.72] **Unsafe abortion among adolescents: An overlooked crisis in India**
A.S. Shukla, *Population Council, India*

- [P.73] **Urban forest monitoring system with use of UAVs and sensors integrated with mini meteorological stations**
J.P. Silva*, F. da Fonseca Rodrigues, S.L.M. Marques, A.C. Lana, A.A. Ghizzi, G.N. Batista, J.P. de Oliveira Silva, T.H. da Silveira, J.V. Mendes, L.K. Kobaicy, V.H. Vasconcelos, *State University of Campinas, Brazil*
- [P.74] **Spatial inequality in Brazil: Relations between urban design, mobility and health**
L.H.C. Silveira*^{1,2}, J.C.B. Vargas^{1,2}, S.R. Machry², B.U. Borda^{1,2}, A.P. Porto^{1,2}, R.C. Gusmão², ¹*Universidade Federal do Rio Grande do Sul, Brazil*, ²*Health Urban Mobility Project, Brazil*
- [P.75] **Local level strategies to improve shared sanitation quality in informal settlements: Lessons from Kenya and Ghana**
S. Simiyu, *Great Lakes University of Kisumu, Kenya*
- [P.76] **Conducting observational assessments of activity in retail food and beverage establishments to monitor policy-based public health interventions in Uganda**
M.J. Smart*¹, A. Mutebi², H. Mendoza², G. Tumukunde², ¹*Michigan State University, USA*, ²*Makerere University, Uganda*
- [P.77] **Developing an index of adolescent deprivation for use in Western Canada**
A. Smith*, M. Peled, S. martin, *McCreary Centre Society, Canada*
- [P.78] **Urban-rural inequality in prevention of non-communicable disease among men in India: A cross sectional study**
S. Srivastava, *International institute for population sciences, India*
- [P.79] **Risk factors of abortion in India: Evidences from National Family Health Survey (2015-16)**
S. Srivastava, *International institute for population sciences, India*
- [P.80] **Comparing the relative effect of human resource and economic resources on utilization of maternal health care services in urban India: A multilevel analysis**
S. Srivastava, *international institute for population sciences, India*
- [P.81] **Multilevel approach to understand the factor associated with child immunization in India**
S. Srivastava, *International Institute for population sciences, India*
- [P.82] **Explaining socio-economic inequalities in unmet need for family planning in India: A new insights from latest round of national family health survey (2015-16)**
S. Srivastava, *International Institute for population sciences, India*
- [P.83] **Contributions of community-led data to addressing African informal settlements' health and disaster risks**
A.M. Sverdlik*, D. Satterthwaite, *International Institute for Environment and Development, UK*
- [P.84] **On land, air and sea: An overview of fine particle concentrations in motorised transport modes in Brazilian cities**
A.C. Targino*¹, P. Krecl¹, Y.A. Cipoli¹, J.E. Danziger Filho¹, M.D. Gibson², B.L.F. Machado¹, E. Patrick², J.F. Segura¹, M.V. Oliveira¹, M.V. Rodrigues¹, ¹*Federal University of Technology, Brazil*, ²*Dalhousie University, Canada*
- [P.85] **The transformative role of city-community partnerships in the fight against ebola and beyond**
A.C. Vosper*¹, M. Nohn¹, ¹*Health Focus GmbH, Germany*, ²*Rapid Urbanism, Germany*

- [P.86] **Sustainable urban transformations and enclaving: A case study of three African cities: Accra, Maputo And Johannesburg**
D. Y., *Partnership for African Social and Governance Research, Nigeria*
- [P.87] **Promoting sustainable construction in our cities with local material suitable in hot and dry climate**
F. Zoma*, D.Y.K. Toguyeni, *University Ouaga, Burkina Faso*
- [P.88] **Availability of data from national and international sources used in urban air quality monitoring: the case of Romanian cities**
G. Camara, *Alexandru Ioan Cuza University of Iasi, Romania*
- [P.89] **Preformed Panel: The Challenge Initiative for Health Cities (TCIHC) India Session 3: Listing and mapping to make urban slum population data available to cities for coordinated decision making, monitoring, and mid-course correction**
U. Gangawar¹, M.K. Sharma*², N. Dwivedi², P. Achyut², P.K. Jha², A.L. Soni², ¹*Government of India, National Urban Health Mission, India*, ²*The Challenge Initiative for Health Cities, Population Services International, India*
- [P.90] **Scaling up high impact interventions for Urban family planning - an experience from The Challenge Initiative for Healthy Cities (TCIHC) - India**
M.K. Sharma*¹, S.K. Behera¹, V. Sharma¹, P. Saxena², S.K. Pandey¹, ¹*PSI, India*, ²*National Health Mission, India*
- [P.91] **Fixing day for family planning services increase the number of additional family planning users at scale in Urban India**
M.K. Sharma*¹, V. Sharma¹, P. Saxena^{1,2}, S.K. Pandey¹, ¹*PSI, India*, ²*NHM, India*
- [P.92] **The urban community agriculture practices in Chinese cities: Case studies in Nanjing and Shanghai**
Y.F. Wang¹, J.P. Liu*¹, Z.Q. Zhou¹, S.Q. Lai², L.Y. Han³, ¹*Nanjing Forestry University, China*, ²*Tongji University, China*, ³*Jiangsu Second Normal University, China*

UP NEXT: Plenary Session 2, 10:30-12:00

WED

28/11 10:30-12:00 PLENARY SESSION 2

PL2 Culture and Inclusivity

Room: Speke Ball Room

The “Culture and Inclusivity” plenary session focuses on the relationships between individuals and communities within the city, as well as the social expectations placed on their roles and interactions with each other and with governments. With a special focus on health equity, this sub-theme examines how culture can influence who does and does not have a say in how cities are managed. Incorporating community voices into planning processes remains a major challenge in many urban contexts despite the fact that those communities may bear the brunt of negative environmental effects of planning decisions, such as air pollution or failure to create spaces that promote physical activity and systems that assure healthy and secure food availability. In particular, this sub-theme will address the role of vulnerable populations including the elderly, youth, refugees, the disabled, and ethnic minorities in the urbanisation process. This sub-theme seeks to explore how culture and communal identity influences the management of urban space, both in terms of the construction of physical settlements and in the priority setting for and delivery of services.

CHAIR

Dr. Jo Ivey Boufford

President, International Society for Urban Health

PANELLISTS

Dr. Philippa Howden-Chapman

Professor, Department of Public Health, University of Otago, New Zealand

Dr. Mary Bassett

Director, Harvard FXB Center for Health and Human Rights, USA

Dr. Jason Corburn

Professor, University of California, Berkeley

UP NEXT: UN-Habitat Book Launch, 12:15-13:15, Lunch Break, 12:00-13:30

WED

28/11

12:15-13:15 UN-Habitat Book Launch

**IG-UTP Compendium of Inspiring Practices:
Health Edition**

Room: Acacia

Conference delegates are invited to pick up their lunch and join UN-Habitat for the launch of the book entitled “IG-UTP Compendium of Inspiring Practices: Health Edition.”

The International Guidelines on Urban and Territorial Planning (IG-UTP, or “the Guidelines”) were released in 2015 as a global reference framework for improving *policies, plans, designs, and implementation processes* that will lead to more **compact**, socially **inclusive**, better **integrated** and **connected** cities and territories that foster sustainable urban development and are **resilient** to climate change. In partnership with the World Health Organization (WHO), UN-Habitat is working on implementing the Guidelines to generate health benefits for citizens through the improvement of the built and natural environment. This is achieved by enhancing knowledge and building technical capacities of actors and decision-makers in using urban and territorial planning as a tool to make cities centers for health and well-being. Under this context, the Compendium of Inspiring Practices: Health Edition will act as an instrument to raise awareness and build evidence, encouraging decision-makers to adopt and locally implement the Guidelines.

Areas of focus can include **Housing, Landscape Design, Slum Upgrading, Energy, Transport and Mobility, Land Use Planning, Food Systems, Water and Sanitation, Waste Management, and Public Space.**

UP NEXT: Parallel Session 3, 13:30-15:00

WED

28/11

13:30-15:00 PARALLEL SESSION 3

PS3.1

PRE-FORMED PANEL

Botnar Healthy Cities for Adolescents Challenge

Room: Speke Ball Room

Chair: TBD

SPEAKERS/DISCUSSANTS

UP NEXT: Break / Poster Session, 15:00-15:30

WED

28/11 13:30-15:00 PARALLEL SESSION 3

PS3.2 PRE-FORMED PANEL
Novel survey methods to improve representation of the urban poor
Nuffield Centre for International Health and Development,
University of Leeds

Room: Royal Palm

Chair: Caroline Kabaria, African Population Health Research Centre,
Kenya

This session will explain how the urban poor are systematically missed in survey sample frames (censuses), designs, and during implementation. Presenters will share findings from the Surveys for Urban Equity study that has piloted novel methods to address these biases including gridded population sampling, one-stage sampling, and mapping-listing protocols designed for complex urban environments in Hanoi, Kathmandu, and Dhaka.

SPEAKERS/DISCUSSANTS

Dr. Helen Elsey

University of Leeds, UK

Ak Narayan Poudel

University of Leeds, UK

Ms. Dana Thomson

University of Southampton, UK

UP NEXT: Break / Poster Session, 15:00-15:30

WED

28/11

13:30-15:00 PARALLEL SESSION 3

PS3.3

PRE-FORMED PANEL

Multisector partnerships for urban health: The Holy Grail?

Learnings, challenges and successes from three public-private urban health initiatives

Novartis Foundation

Room: Acacia

Chair: Mr. Geoffrey So, Head of Partnerships, Novartis Foundation, Switzerland

The 2030 Agenda and Sustainable Development Goals (SDGs) are a paradigm shift in human development highlighted by their call for the integration of social, economic, and environmental domains; universality for their relevance in both low- and middle-income countries (LMICs) as well as high-income nations; and transformation and venture away from business-as-usual, requiring partnerships that are grounded in shared values and responsibility among governments, the private sector, and civil society to leave no one behind. Partnerships are integral to the achievements of the SDGs, and are a goal unto themselves (SDG 17). Multisector public-private partnerships have been proposed as a model, but are difficult to set up due to differences in governance, ways of working, resources, expertise, etc. This session will examine the learnings, challenges, and successes of three urban health initiatives in cities from low-, middle- and high-income countries around the globe (Novartis Foundation's Better Hearts Better Cities initiative on hypertension; Novo Nordisk's Cities Changing Diabetes initiative; and the Union for International Cancer Control's City Cancer Challenge 2025). These three global initiatives have aimed to address non-communicable diseases through an integrated approach with other non-health sectors, such as information communication and technology (ICT), food and agriculture, urban planning, transport and media among others. The existing and emerging urban health challenges are complex and cannot be addressed by one academic discipline or the governmental sector alone. There is an urgent need for multidisciplinary and multisector approaches to make cities inclusive, safe, resilient and sustainable.

SPEAKERS/DISCUSSANTS

Dr. Koku Awoonor

Director of Policy, Planning, Monitoring and Evaluation, Ghana Health Service

Ms. Roberta Bosurgi

Head of Better Hearts Better Cities, Novartis Foundation

Dr. Jo Boufford

President, International Society for Urban Health

Dr. Babacar Gueye

Country Director, IntraHealth Senegal

Dr. Susan Henshall

Director of C/CAN 2025, Union for International Cancer Control

Dr. David Napier

Director of the Science, Medicine and Society Network, University College London

Mr. Steffen Nielsen

Director of Cities Changing Diabetes, Novo Nordisk

UP NEXT: Break / Poster Session, 15:00-15:30

WED

28/11

13:30-15:00 PARALLEL SESSION 3

PRE-FORMED PANEL

PS3.4

Rapid urbanization in Africa and its implications for primary health care access: The case of Ethiopia

JSI Research & Training Institute

Room: Ebony

Co-Chair: Solomon Zewdu (MD), Deputy Country Director, Ethiopia, Bill and Melinda Gates Foundation

Co-Chair: Ms. Biruk Abate, Director of Policy and Planning Department, Federal Ministry of Health, Ethiopia

Co-Chair: Dr. Yoseph Woldegebriel, USAID Ethiopia

Africa is urbanizing rapidly, and demographics are changing; there are increasing urban populations of vulnerable individuals, including: young women, children, people with disabilities, the homeless population, and migrant workers. Growing urban disparities have exacerbated inequitable access to and utilization of services and urban population momentum is straining available resources. As a result of this, the traditional “urban advantage” is eroding in many countries. In this panel session, Ethiopia’s urban health extension program (UHEP), an innovative government-led community based program will be presented and discussed as a solution to the complex health challenges of urbanization. Ethiopia’s new primary health care model has also improved access to services for vulnerable urban populations. It has a well-developed approach to measuring and tackling inequities in health, including a focus on disadvantaged population groups and social classes; narrowing the health gap and reducing inequities. Programmatic and research data from the Ethiopian context will be presented to document the successes and impact of the UHEP on increased access to primary health care, and the competencies of urban health extension workers. Lessons learned from Ethiopia’s national response to emerging urban health problems will be shared and this is expected to be a very good lesson to other countries.

SPEAKERS/DISCUSSANTS

Hibret Alemu (PHD)

Temesgen Ayehu (MPH)

Yibeltal Tebekaw (PHD)

Mebratu Bejiga (MD)

Abiy Alazar (MA)

UP NEXT: Break / Poster Session, 15:00-15:30

WED

28/11

13:30-15:00 PARALLEL SESSION 3

PS3.5

PRE-FORMED PANEL

Distinguishing Slum from Non-Slum Urban Areas in Low- and Middle-Income Countries in national censuses and surveys

Warwick Centre for Applied Health Research & Delivery (W-CAHRD)

Room: Jacaranda

Chair: Sam Watson

Despite as many as one billion people living in slums and these areas having one of the highest burdens of disease, little information is collected on them. They are disproportionately under-represented in research and they are not identified in national censuses and surveys. Recognition of slum areas can improve research, enable policy makers to target these areas, and improve the rate at which countries meet their urban health goals. However, a number of barriers exist including a lack of consensus on what a slum is and a lack of engagement with policy makers. The aim of this session is to discuss how slum recognition and identification can be progressed in order to improve monitoring, security, and governance. Richard Lilford will discuss how slums might be defined and how these definitions can be operationalised in practice, Helen Elsey will discuss how researchers can engage with policy makers to improve slum recognition, and Robert Ndugwa will discuss the role and activities of the UN and national governments in advancing slum identification, global monitoring, and informing housing policies.

SPEAKERS/DISCUSSANTS

Richard Lilford

Helen Elsey

Robert Ndugwa

UP NEXT: Break / Poster Session, 15:00-15:30

WED

28/11 13:30-15:00 PARALLEL SESSION 3

PS3.6 **PRE-FORMED PANEL**
Health systems for all: responding to the increasing burden of disability and its consequences
Johns Hopkins University Bloomberg School of Public Health
Room: Mahogany
Chair: Abdulgafoor M. Bachani

About a billion people live with some form of disability globally. Ninety percent are in low-and-middle income- countries (LMICs), which lack supportive infrastructure to address their needs, leading to negative health and social consequences that affect the individuals, their families, and society. This session will seek to stimulate a discussion on how to prioritize inclusion of individuals with disabilities to make them truly inclusive in their communities.

SPEAKERS/DISCUSSANTS

Mitch Loeb

Washington Group on Disability Statistics

Shanthi Ameratunga

Professor, University of Auckland, New Zealand

Stephen Wegener

Professor, Johns Hopkins University

Alarcos Cieza

Coordinator for Disability, World Health Organization

UP NEXT: Break / Poster Session, 15:00-15:30

WED

28/11

13:30-15:00 PARALLEL SESSION 3

PRE-FORMED PANEL

PS3.7

Where do we begin? Methods for selecting health priority areas, implementing interventions, and ongoing public health evaluation

Michigan State University, College of Human Medicine

Room: Meera

Chair: Mieka Smart, DrPH, MHS; Michigan State University, USA

This session will present three complimentary approaches to understanding and prioritizing health needs in urban environments, with each speaker offering an example of application in an urban setting in the USA. First, Dr. Furr- Holden will describe the distinct geospatial patterns of opioid overdose which lend themselves to targeted intervention efforts. Next, Dr. Milam will discuss how zoning has long been used to improve public health, and that states, through “police powers,” have the ability to close businesses that pose a threat to public health. Finally, Dr. Sadler will introduce the Flint Geographic Healthfulness Index, a novel method of prioritizing health areas via ascribing a healthfulness “score” to any location in the city. Dr. Smart will guide discussion around how outcomes from these three approaches might be used in other international settings, 1) as indicators of health in neighborhoods within cities, 2) to gauge utility of proposed interventions, and 3) to monitor and evaluate interventions.

SPEAKERS/DISCUSSANTS

Richard Sadler

PhD; Michigan State University, USA

C. Debra Furr- Holden

PhD Michigan State University, USA

Adam Milam

MD, PhD; Michigan State University, USA

UP NEXT: Break / Poster Session, 15:00-15:30

WED

28/11 13:30-15:00 PARALLEL SESSION 2 (ABSTRACTS)

PS3.8 Substance Use: Marketing, Social Norms, and NCDs

Room: Majestic

Chair: Dr. Blessing Mberu, Senior Research Scientist and Head of Urbanization and Wellbeing, African Population and Health Research Center, Kenya

Alcoholism and Non- Communicable Diseases among Males in Metro Cities in India

M. Dutta (1), L. Prashad (1)

(1) International Institute for Population Sciences, India

Alcohol Use and Alcohol Marketing: A Closer Look at the Experiences of Girls and Young Women in the Slums of Kampala, Uganda

M.H. Swahn (1), R. Culbreth (1), R. Kasirye (2)

(1) Georgia State University, USA, (2) Uganda Youth Development Link, Uganda

Addressing the Structural Drivers of Alcohol Misuse: Developing an Alcohol Counter Marketing Campaign for Vulnerable Youth in Kampala

M.H. Swahn (1), R. Kasirye (1)

(1) Georgia State University, USA

UP NEXT: Break / Poster Session, 15:00-15:30

WED

28/11 15:30-17:00 PLENARY SESSION 3

PL3 Disasters, Epidemics, and the Unexpected

Room: Speke Ball Room

Crises—such as highly infectious diseases, natural disasters, or terrorist attacks—can have catastrophic impacts on large populations living in densely packed cities if adequate response systems are not in place. The probability and severity of such events will continue to be exacerbated by climate change. In the context of poorly regulated urban space, informal settlements may be especially vulnerable to epidemics and disasters. How governments and other actors prepare for such unexpected events comprises a crucial aspect of effective urban governance. While some disasters and epidemics are unexpected, this is not the case for all. Traffic and road accidents, for instance, present disasters at a personal level that are highly predictable at the city-wide or national level and can be prevented through urban planning decisions. In the context of sub-Saharan Africa, HIV/AIDS presents an on-going epidemic and the dynamics of threats like Ebola, cholera, yellow fever as well as preventable noncommunicable diseases must be understood in the context of the urbanisation process. This sub-topic will therefore examine how urban policymakers, practitioners, researchers, and communities create and manage systems to respond to both expected and unexpected disasters and epidemics within urban space.

CHAIR

Dr. Olga Sarmiento

Associate Professor of Public Health, Faculty of Medicine, Universidad de los Andes, Colombia

PANELLISTS

Mr. Desmond Appiah

Chief Resiliency Officer, City of Accra, Ghana

Mr. Hans Guttman

Executive Director, Asian Disaster Preparedness Center (ADPC), Thailand

Professor Sotiris Vardoulakis

Research Director, Institute of Occupational Medicine (IOM), UK

Dr. Lidia Morawska

Professor, Queensland University of Technology, Australia

UP NEXT: Parallel Session 4, 17:15-18:45

WED

28/11 17:15-18:45 PARALLEL SESSION 4 (ABSTRACTS)

PS4.1

Health Services Research I: Achieving Inclusive Urban Health Systems

Room: Royal Palm

Chair: Dr. Shamim Hayder Talukder, CEO, Eminence Associates for Development, Bangladesh

Changing Norms Around Expanding Equitable Access: Adopting a Demand-Led Facility-based Family Planning Outreach Model

O. Oluwagbohun (1), S. Olabode-Ojo (1), A. Akiode (1), O. Odeku (1)

(1) Nigerian Urban Reproductive Health Initiative, Nigeria

Does entitlement card ensure utilization of urban primary healthcare clinic in Bangladesh?

M.M. Rahman (1), S. Mizan (1), R. Safii (1), S.K. Ahmad (1)

(1) Universiti Malaysia Sarawak, Malaysia

Out of pocket expenditure of caesarean birth in public and private health centres in urban India: A rising concern

P.K. Khan (1), B.K. Panda (1)

(1) International Institute for Population Sciences, India

Factory and community empowerment: A randomized controlled trial of a factory-based health intervention in Bangladesh

A. Antolin (1), L. Babbitt (1), D. Brown (1), D. Djaya (1)

(1) Tufts University, USA

Refugee health in East Africa: Towards inclusive urban health systems and infrastructure

D. Archer (1), A. Sverdlik (1)

(1) International Institute for Environment and Development, UK

WED

28/11 17:15-18:45 PARALLEL SESSION 4 (ABSTRACTS)

PS4.2

Metrics & Evaluation I: Assessing Change in Challenging Environments

Room: Acacia

Chair: Dr. Jean Christophe Fotso, Founder and Executive Manager, Evidence for Sustainable Human Development Systems in Africa (EVIHDAF), Cameroon

Measuring wealth and poverty in urban areas: are current measures fit for purpose? Findings from household surveys in three Asian cities

T. Ensor (1), H. Elsey (1), J. Ferdoush (2), R. Bhattarai (4), R. Dhungel (4), D. Minh (3), C. Cartwright (1), R. Huque (5), D. Thomson (6), S. Mashreky (2)

(1) University of Leeds, UK, (2) Centre for Injury Prevention and Research, Bangladesh, (3) Hanoi University of Public Health, Vietnam, (4) HERDi, Nepal, (5) The ARK Foundation, Bangladesh, (6) University of Southampton, UK

Monitoring the Sustainable Development Goals (SDGs) as a local governance strategy: The Millennium Observatory of Belo Horizonte - MG (Brazil)

R.N. Ferreira (1), R.C. Castro (1), A.C.S. Andrade (2), M.A.S. Dias (2), L.M.O. Morais (2), A.A.L. Friche (2), W.T. Caiaffa (2)

(1) City Hall, Belo Horizonte, Brazil, (2) Federal University of Minas Gerais, Brazil

The future of health impact assessments in low-and-middle income countries

M.T. Thondoo (1), M.J.N. Nieuwenhuijsen (1), J. Gupta (2), D.R.R. Rojas-Rueda (1), D.D.V. De Vries (2)

(1) ISGlobal Institute for Global Health Barcelona, Spain, (2) University of Amsterdam, Austria

An innovative approach to meaningfully engage at-risk youth in research

M. Peled (1), A. Smith (1), S. Martin (1)

(1) McCreary Centre Society, Canada

WED

28/11 17:15-18:45 PARALLEL SESSION 4 (ABSTRACTS)

PS4.3

Urban Design I: Policy and Land Use Planning for Well-Designed Cities

Room: Ebony

Chair: Dr. Sainath Banerjee, Deputy Project Director, IPE-Global, India

Emerging Infectious Disease, the Built Landscape, and Urban Planning: Evidence on Avian Influenza in Viet Nam

J.H. Spencer (1,2), J.M. Fox (1), M.L. Finucane (2,3), S. Saksena (2), N. Sultana (4)

(1) Clemson University, USA, (2) The East West Center, USA, (3) The RAND Corporation, USA, (4) The University of Hawaii, USA

Exploring the impact of land-use planning and zoning policy on the food environment around schools and childhood obesity in London

L. Musoro (1)

(1) London Metropolitan University, UK

Inclusive Solutions for Healthy, Sustainable Low-Income Housing In Delhi Through Participation In Design

J. Paulose (1), H.A. Medina (2), S. Gupta (1), E. Nix (2), C. Shrubsole (2), R. Khosla (1), K. Belesova (3), M. Davies (2), P. Wilkinson (3)

(1) Centre for Urban and Regional Excellence, India, (2) University College London, UK, (3) London School of Hygiene & Tropical Medicine, UK

Designing for healthy cities: intergenerational interaction in neighbourhood place-making and social sustainability

C. Lambert (1), B. Marques (1), J. McIntosh (1)

(1) School of Architecture, Victoria University of Wellington, New Zealand

WED

28/11

17:15-18:45 PARALLEL SESSION 4 (ABSTRACTS)

PS4.4

Climate Change & Disaster Preparedness I: Adapting Our Cities to a Changing Climate

Room: Jacaranda

Chair: Dr. Jason Corburn, Professor, University of California, Berkeley

Urbanization and Climate change in the city of Kolkata: Population dynamics and burden of disease

A. Rudra (1)

(1) International Institute for Population Sciences, Mumbai, India

Climate Action in Urban Planning: Health and Disasters Management in Five Brazilian Cities

D. Sotto (1), A. Philippi Jr. (1)

(1) University of São Paulo, Brazil

Empowering women residents to manage health impacts of climate change in South Asia's informal settlements

M.L.P. Elliott (1), V. Iyer (2), D. Chauhan (3), V. Herlekar (3)

(1) Georgia Institute of Technology, USA, (2) Indian Institute of Public Health, Gandhinagar, India, (3) Mahila Housing (Sewa) Trust, India

WED

28/11 17:15-18:45 PARALLEL SESSION 4 (ABSTRACTS)

PS4.5 **Child & Adolescent Health I: Urban Environments and Keeping Children Healthy**

Room: Mahogany

Chair: Ms. Joyati Das, Global Child Rights and Urban Technical Lead,
Botnar Healthy Cities for Adolescents Challenge

Critical times handwashing practices and under-five diarrhoea prevalence in a peri-urban town in Arua district, Uganda

I.K. Tumwebaze (1), A.J. Ojuka (1)

Temple University, n/a, USA (1)

Diarrhoea Management Practices and Child Health Outcomes in Nigeria: Sub-National Analysis

A.I. Akinyemi (1), A.F. Fagbamigbe (2), E. Omoluabi (1), O.M. Agunbiade (1), O.S. Adebayo (1)

(1) Obafemi Awolowo University, Nigeria, (2) University of Ibadan, Nigeria

Providing day-care for urban poor families and enabling a cultural shift: Findings of a mixed methods study in Dhaka

R.A. Shawon (2), F. Fieroze (3), J. Hicks (1), M. Das (1), S. Ferdous (2), S. Badrul (3), H. Wallace (4), R. Huque (3), S. Mashreky (2), H. Elsey (1)

(1) University of Leeds, UK, (2) Centre for Injury Prevention and Research, Bangladesh, (3) The ARK Foundation, Bangladesh, (4) The University of Notre Dame Australia, Australia

Realization of Modern Health Promotion Practices in Secondary Schools in Nairobi City

J.O. Obosi (1), O. Opere (2)

(1) University of Nairobi, Kenya, (2) Kenyatta University, Kenya

WED

28/11 17:15-18:45 PARALLEL SESSION 4 (ABSTRACTS)

PS4.6 **Transportation & Mobility: Key to Inclusive, Safe, Resilient, and Sustainable Cities**

Room: Meera

Chair: Dr. David Vlahov, Associate Dean for Research and Professor, Yale School of Nursing, USA

The health impacts of sustainable transportation: An equity analysis

G-J. Knaap (1), D. Engelberg (1), A. Sapkota (1), C.J. Jiang (1)

(1) University of Maryland, USA

Unfolding the real burden of road traffic injuries among urban dwellers: epidemiological findings from a national survey in Bangladesh

S.M. Chowdhury (1), K. Baset (1), K.B. Uddin (1), F. Rahman (1), M.R. Arif (2)

(1) Centre for Injury Prevention and Research, Bangladesh, (2) Ministry of Health & Family Welfare, Bangladesh

Pedestrian Behavior and Safety at Zebra Crossing in a Ghanaian Metropolis

T.K. Ojo (1)

(1) University of Cape Coast, Ghana

Active school travel and related factors among Chinese migrant children

Q.X. Xu (1), J.P. Liu (1), J.L. Zhang (1), Y.F. Wang (1)

(1) Nanjing Forestry University, China

The relationship between public transport and healthy public spaces: a contribution to democracy

J.A. Lara-Hernandez (1), A. Melis (1), E. Hinojosa-Rebolledo (2)

(1) University of Portsmouth, UK, (2) Instituto Nacional de las Mujeres, Mexico

WED

28/11 17:15-18:45 PARALLEL SESSION 4 (ABSTRACTS)

PS4.7 Infectious Diseases II: HIV Prevention and Treatment

Room: Majestic

Chair: Chair: Dr Charles Ebikeme, Science Officer, ICSU, Paris

Psychosocial Correlates of Self-Reported HIV among Youth in the Slums of Kampala

M.H. Swahn (1), R. Culbreth (1), R. Kasirye (2), J. Bitarabeho (3)

(1) Georgia State University, USA, (2) Uganda Youth Development Link, Uganda, (3) Children's AIDS Fund, Uganda

Rural-Urban Differential in High-Risk Sexual Behaviour among Young Men in India: Evidence from Indian Demographic Health Survey (2015-16)

S. Sharma

(1) International Institute for Population Sciences, India

Drug resistance among women attending hospitals in Ghana

P. Enyan (1), J.N.D. Sasraku (2)

(1) University of Ghana, Ghana, (2) Pantang Government Hospital, Ghana

To Explore Contextual Factors Affecting Successful Implementation and Uptake of Post Exposure Treatment in Urban Settings

M.K.U. Baset (1), S. Shamima (1), T. Roy (2), H. Hossain (2), F.K. Chowdhury (1), S. Hossain (1), S.R. Mashreky (1), A.K.M.F. Rahman (1)

(1) Centre for Injury Prevention and Research, Bangladesh, (2) Interactive Research and Development, Bangladesh

Thursday, November 29 | At-A-Glance

07:30-17:00	Registration Desk
08:30-10:00	Parallel Session 5
10:00-10:30	<i>Break / Poster Session</i>
10:30-12:00	Plenary Session 4 Cities as Economic Engines
12:00-13:30	<i>Lunch Break</i>
12:15-13:15	ISUH Business Meeting (open to all)
13:30-15:00	Parallel Session 6
15:00-15:30	<i>Break / Poster Session</i>
15:30-17:00	Plenary Session 5 Safety, Security, and Justice
17:15-18:45	Parallel Session 7
19:00-	Conference Dinner and Social

THURSDAY

LOCATION: Speke Munyonyo Resort and Conference Centre, Kampala, Uganda

THURS

29/11

08:30-10:00 PARALLEL SESSION 5

PRE-FORMED PANEL

PS5.1

Maximizing the collaboration between nontraditional players and policy makers to deliver health services in the community: bringing hypertension screening and management services closer to community members in Ghana

Novartis Foundation

Room: Royal Palm

Chair: Chair: Jo Boufford, President of the International Society for Urban Health

The burden of noncommunicable diseases continues to rise globally in countries across the economic strata. Specifically in low-resource settings, however, patients often seek care for NCDs in secondary or tertiary level health facilities when symptoms have severely progressed, delaying potential and immediate treatment and management of the disease. To address this gap in delayed health seeking behavior of chronic diseases, the Community-Based Hypertension Improvement Program (ComHIP) in Ghana was launched in the Eastern Region in 2015. A collaboration between the Ghana Health Service, FHI business owners, and the Novartis Foundation, the ComHIP initiative maximizes the presence of local businesses to deliver free blood pressure screening services to the community. Through partnerships with the Ghana Health Service and licensed chemical sellers, screening stations are placed in local shops, pharmacies, and other businesses to bring detection and management of hypertension closer to the local community, identifying more patients earlier outside of the formal health system. Once identified, business owners and shopkeepers work with Ghana Health Service health providers (community health workers, community officers, midwives, nurses, and doctors) to track patients along the care continuum to ensure proper follow-up and case management. This collaboration between public sector health providers and nontraditional business players successfully brings healthcare closer to the community. An independent evaluation has shown the ComHIP initiative significantly reduced blood pressure among patients who enrolled in the program for 1 year, and patients were found to reach targeted blood pressure control.

SPEAKERS/DISCUSSANTS

Professor Peter Lamptey

LSHTM

Dr. Koku Awoonor

Director PPME, Ghana Health Service

Ann Aerts

Head of Novartis Foundation

UP NEXT: Break / Poster Session, 10:00-10:30

THURS

29/11

08:30-10:00 PARALLEL SESSION 5

PS5.2

PRE-FORMED PANEL

Health Considerations in Urban and Territorial Development

UN-Habitat

Room: Acacia

Chair: TBD

This panel session brings together Urban Planning and Health expertise to discuss on:

- Making the case for an integrated and inclusive approach to urban development with the goal of generating positive health outcomes for citizens and the environment.
- The benefits of including health considerations into urban policy formulation and urban planning strategies, including “quick-wins” from these interventions (on the social, environmental, and economic dimensions of cities and human settlements).
- Existing tools and mechanisms and potential opportunities—at different levels of urban governance, from the supranational, regional to the neighbourhood level—for urban development practice to improve urban health.

SPEAKERS/DISCUSSANTS – To be confirmed

UP NEXT: Break / Poster Session, 10:00-10:30

THURS

29/11

08:30-10:00 PARALLEL SESSION 5

PRE-FORMED PANEL

PS5.3

Evaluating environmental impacts on health and wellbeing in urban contexts: Case studies from Nairobi, Kenya

African Population and Health Research Center, Inc.

Room: Ebony

Chair: Dr. Blessing Mberu, African Population and Health Research Centre

Slum growth seems to be an inevitability for sub-Saharan Africa's rapidly growing cities, and poor health outcomes among slum dwellers will increasingly influence overall urban and national health indicators. Addressing the challenges confronting urban informal settlements is fundamental to achieving sustainable inclusive, safe, resilient cities (SDG 11) and can promote or, if neglected, undermine universal progress on SDGs on health and wellbeing (3); reduced inequalities (10); and clean water and sanitation (6), among others. The dearth of evidence as to what works for slum communities demands a sharper focus on systems that can—and should—generate health and improve wellbeing. This session aims to discuss the evaluation of key environmental challenges facing urban populations in African cities and the impact on their health and wellbeing. Presenters will share research findings on evaluation of air pollution, solid waste management, and safe sanitation from case studies conducted in Nairobi, Kenya.

SPEAKERS/DISCUSSANTS

Dr. Dickson Amugsi

African Population and Health Research Centre

Dr. Kanyiva Muindi

African Population and Health Research Centre

Dr. Caroline Kabaria

African Population and Health Research Centre

UP NEXT: Break / Poster Session, 10:00-10:30

THURS

29/11

08:30-10:00 PARALLEL SESSION 5

PS5.4

PRE-FORMED PANEL

Knowledge to practice (K2P): innovating evidence-based practice for safe sanitation planning in Uganda's urban settlements

Temple University

Room: Jacaranda

Chair: Innocent K. Tumwebaze (PhD), Temple University, Philadelphia, USA

The Global Water Pathogen Project (GWPP) provides comprehensive updated reference material on waterborne pathogens and risks from excreta and sewerage. With support from IT and data-sharing expert AgroKnow, the book is now being disseminated as an open-access online resource with a collaboration network of 201 contributors from six different continents (www.waterpathogens.org/network). This pre-formed panel session will focus on water pathogen risks in urban schemes from informal settlements to municipal wastewater treatment and re-use. The goal of the Knowledge to Practice (K2P) project is to develop user friendly tools to help improve data accessibility, and knowledge translation around pathogens in excreta and sewerage. The developed apps and visualization tools will improve evidence-based decision making and better inform the safe sanitation and water safety planning by stakeholders at different levels. The K2P project is a collaborative project between Michigan State University, its partner institutions and the National Water and Sewerage Corporation in Uganda. The project has been funded by the Bill and Melinda Gates Foundation and Uganda is the first implementing country.

SPEAKERS/DISCUSSANTS

Heather Murphy

Associate Professor, Temple University, USA

Nynke Hofstra

Assistant Professor, Wageningen University, The Netherlands

Matthew E. Verbyla

Assistant Professor, San Diego State University, USA

Joan B. Rose

Professor, Michigan State University, USA)

UP NEXT: Break / Poster Session, 10:00-10:30

THURS

29/11

08:30-10:00 PARALLEL SESSION 5

PRE-FORMED PANEL

PS5.5

Assessing opportunities and challenges for improving nutrition and development among poor children in urban East Africa

University Research Co., LLC, Center for Human Services

Room: Mahogany

Chair: Yoswa Dambisya, ECSA-HC

Children of the urban poor are vulnerable to health inequities related to basic developmental needs such as adequate nutrition, hygiene, and sanitation. A consultative process beginning with a regional meeting hosted by the East, Central, Southern Africa Health Community (ECSA-HC), underscored that improving nutritional outcomes among children living in slums and informal settlements in East Africa requires a deeper understanding of context and identification of knowledge gaps. Specifically, comprehensive analysis of the socio-cultural and economic environment along with the complex systems and array of informal and formal actors, policies, services, interventions, and existing data is needed. This session will share a participatory implementation science approach and preliminary results from an assessment that captures the governance of complex systems and culture that affect the nutrition and development of a key vulnerable population: poor children living in urban East Africa. Findings from an assessment conducted in Uganda, Kenya and Tanzania will be shared to inform future implementation science, programming and policy advocacy efforts.

SPEAKERS/DISCUSSANTS

Jason Corburn, University of California Berkeley

Ester Elisaria, Ifakara Health Institute

Jane Wanyama, Infectious Diseases Institute

Elizabeth Kimani-Murage, African Population and Health Research Center, Inc.

Daniel Okello, Kampala Capital City Authority

Cecilia de Bustos, UNICEF Uganda

UP NEXT: Break / Poster Session, 10:00-10:30

THURS

29/11 08:30-10:00 PARALLEL SESSION 5

PS5.6

PRE-FORMED PANEL

Urban Health Models

International Science Council—Urban Health and Wellbeing Programme

Room: Meera

Chair: Prof. Saroj Jayasinghe, Member of the Science Committee of the ISC programme on Urban Health and Wellbeing, Professor of Medicine, University of Colombo, Sri Lanka

Urban health challenges are often linked to complex causalities beyond direct control, including climate change, immigration, and demographic, epidemiological, and ecological changes. Thus, there is a need for intelligent “science-policy” decision-making processes and simple and cost-effective tools to guide urban decision makers towards interventions that produce co-benefits and improve health and wellbeing. Such decision-making processes are political since they involve and engage stakeholders’ values and viewpoints; and they are scientific, in that they are evidence-based and apply systems approaches that are transparent and coherent. The panel will discuss the complex nature of urban health challenges in different regions of the world, and the opportunities to address them through different models and approaches.

SPEAKERS/DISCUSSANTS

Background

Prof. Philippa Howden-Chapman, Chairperson, ISC-Urban Health and Wellbeing programme

Salvadoran Urban Health Model

Dr. Claudia Marroquín, ISC Regional Office of Latin America and Caribbean

African Science Plan on Urban Health and Human Wellbeing

Prof Charles Wambebe, Department of Pharmaceutical Sciences, Tshwane University of Technology, Pretoria, South Africa, ISC Regional Office for Africa

Impact on health and wellbeing as a consequence of rapid urbanization in the Asia-Pacific Region: The role of epigenetics

Prof. Javed Iqbal, Chair, Urban Health and Wellbeing Science Plan, ISC Regional Office for Asia and the Pacific

The Science-Policy Interface

Dr Charles Ebikeme, Science Officer, ISC, Paris

UP NEXT: Break / Poster Session, 10:00-10:30

THURS

29/11 10:30-12:00 PLENARY SESSION 4

PL4 Cities as Economic Engines

Room: Speke Ball Room

The movement of capital, both human and financial, is changing the face of urban health. This sub-theme will examine how the movement of money and people into and out of urban areas contributes to the health of urban and peri-urban dwellers. For example, the flow of capital might refer to the relationship between public and private health providers, or it might refer to broader patterns of economic development that determine food quality and access in urban spaces. Economic development contributes to the form of the built environment, with long-term implications for the health of populations. How economic development is managed therefore has consequences for the environmental health of urban spaces. This sub-theme will also include attention to the role of local and multinational business entities with vested interests in urban health, and how mutually productive partnerships can go beyond CSR and charity.

CHAIR

Dr. Yonette Thomas

Executive Director, the International Society for Urban Health

PANELLISTS

Mr. Aromar Revi

Director, Indian Institute for Human Settlements, India

Ms. Liza Kimbo

Director, LiveWell Ltd, Kenya

Mr. Stuart Mwesigwa

Director, Institute of Occupational Medicine (IOM), UK

Mr. Steffen Nielsen

Director, Cities Changing Diabetes, Novo Nordisk, Denmark

UP NEXT: Lunch Break, 12:00-13:30

THURS

29/11

12:15-13:15 BUSINESS MEETING

ISUH Business Meeting (Open to All)

International Society for Urban Health

Room: Acacia

ISUH Members and interested individuals are invited to pick up your lunch and join us for the Annual Business Meeting of the ISUH which will feature a report from the Secretariat on activities since ICUH2017, plans for the next year, introduction of the newly elected ISUH Board members, and open discussion from the floor.

UP NEXT: Parallel Session 6, 13:30-15:00

THURS

29/11

13:30-15:00 PARALLEL SESSION 6

PRE-FORMED PANEL

PS6.1

Healthy housing for a sustainable and equitable future – Launch of the WHO Housing and health guidelines

World Health Organization

Room: Speke Ball Room

Chair: Nathalie Röbbel, Department of Public Health, Environmental and Social Determinants of Health, World Health Organization

Improved housing conditions can save lives, prevent disease, increase quality of life, reduce poverty, help mitigate climate change and contribute to the achievement of the Sustainable Development Goals. Housing is becoming increasingly important to health due to urban growth, demographic and climate changes.

To respond to the increasing need of global guidance on what constitutes healthy housing standards, the World Health Organization has prepared the WHO Housing and health guidelines. The guidelines bring together the most recent evidence to provide practical recommendations to reduce the health burden due to unsafe and substandard housing conditions. They provide recommendations relevant to inadequate living space (crowding), low and high indoor temperatures, injury hazards in the home, and accessibility of housing for people with functional impairments. In addition, the guidelines summarize existing WHO guidelines related to housing. The guidelines recognize housing as a major entry point for primary prevention and aim at informing housing policies and regulations at the national, regional and local level on the impact of housing on health.

The WHO Housing and health guidelines will be launched during this session. Members of the Guideline Development Group will provide insights into the development process, the content of the guidelines and planned next steps to facilitate their implementation at country-level through intersectoral collaboration.

SPEAKERS/DISCUSSANTS

Dr. Philippa Howden-Chapman

Professor, Department of Public Health, University of Otago, New Zealand

Dr. Lidia Morawska

Professor, Queensland University of Technology, Australia

UP NEXT: Break / Poster Session, 15:00-15:30

THURS

29/11 13:30-15:00 PARALLEL SESSION 6 (ABSTRACTS)

PS6.2

Water, Sanitation & Waste Management I: Barriers and Facilitators in Urban Settlements

Room: Royal Palm

Chair: Dr. Gina Lovasi, Co-Director, Urban Health Collaborative, and
Dornsife Associate Professor of Urban Health, Drexel University, USA

Scenario of WASH conditions and association with selected communicable diseases in Urban household, India

S.K. Patel (1), S. Patel (1)

(1) International Institute for Population Sciences, India

A Socio-ecological Perspective of the Facilitators and Barriers to Uptake of Water, Sanitation and Hygiene Interventions in a Slum Setting in Kampala, Uganda: A Qualitative Study

C. Ssemugabo (1), C. Namata (1), A.A. Halage (1), A. Biran (2), V. Curtis (2), D. Musoke (1), J. Ssempebwa (1)

(1) Makerere University, Uganda, (2) London School of hygiene and Tropical medicine, UK

Role of governance in health and sanitation sustainability in Delhi

R. Das (1)

(1) Jawaharlal Nehru University, India

UP NEXT: Break / Poster Session, 15:00-15:30

THURS

29/11 13:30-15:00 PARALLEL SESSION 6 (ABSTRACTS)

PS6.3 Sustainable Development: Strategy and Practice

Room: Acacia

Chair: Dr. Yonette Thomas, Executive Director, International Society for Urban Health, USA

Ecological and economic aspects of sustainable development of enterprises in the construction industry

M.O. Krutilova (1), I.P. Avilova (1), A.E. Naumov (1), T. Joshua (1)

Belgorod State Technological University named after V.G. Shukhov, Russia

Environmental health typology as a contributor to sustainable urban planning: the case of the São Paulo Macrometropolis (MMP)

N. Maria (1), A. Medeiros (1), A. Slovic (1)

(1) University of São Paulo, Brazil

Greening Peruvian schools: Economic and social impact valuation in the transformation of elementary schools' infrastructure in San Martin de Porres district, Lima, Peru, under the U.S. Green Building Council's (USGBC's) Leadership in Energy and Environmental Design (LEED) rating system

S. Huaman-Pastorelli (1)

(1) Universidad de San Martin de Porres, Peru

Photography and the promotion of urban health for sustainability in an African city

K. Buyana (1)

(1) Makerere University, Uganda

UP NEXT: Break / Poster Session, 15:00-15:30

THURS

29/11 13:30-15:00 PARALLEL SESSION 6 (ABSTRACTS)

PS6.4 Spatial Analysis in Urban Health: Techniques and Application

Room: Ebony

Chair: Dr. Jean Christophe Fotso, Founder and Executive Manager,
Evidence for Sustainable Human Development Systems in Africa
(EVIHDAF), Cameroon

Are socio-economically disadvantaged communities ill and costly? An intra-urban analysis using a spatially disaggregate methodology in the Province of Overijssel, The Netherlands

G. Neziri (1), S. Amer (1), P. Carrera (1)

(1) University of Twente, The Netherlands

Spatial census database for monitoring health risks in Dakar, Sénégal

A.N. Gadiaga (1), C. Linard (1)

(1) University of Namur, Belgium

Spatial distribution of health risk for population via consumption of cabbage (*Brassica oleracea var. Capitata L.*) and tomato (*Lycopersicon esculentum Mill*), in Copperbelt province, Zambia

J-M. Kourouma (1), S. Syampungani (1), C. Concilia (1)

(1) Copperbelt University, Zambia

The safety and security of urban households in South Africa: a geospatial exploration of the crimescape in the neighbourhoods of Durban, South Africa

S.B. Agbola (1), K.J. Samuel (1), O.A. Olojede (1)

(1) Mangosuthu University of Technology, South Africa

Built and social environment by systematic social observation and leisure-time physical activity report among Brazilian adults: A Population-Based Study

A.C.S. Andrade (1), S.A. Mingoti (1), D.A.S. Costa (1), C.C. Xavier (1), F.A. Proietti (1), W.T. Caiaffa (1)

(1) Federal University of Minas Gerais, Brazil

UP NEXT: Break / Poster Session, 15:00-15:30

THURS

29/11 13:30-15:00 PARALLEL SESSION 6 (ABSTRACTS)

PS6.5 Environmental Health: Noise and Air Pollution in Urban Areas

Room: Jacaranda

Chair: Dr. Olga Lucia Sarmiento, Associate Professor of Public Health,
Universidad de los Andes, Colombia

Impact of industrialization on health: measuring cost of illness

S. Singh (1), A. Singh (1)

(1) Lovely Professional University, India

Non-auditory symptoms associated with self-perception of noise in an urban center

F.A.M. Dias (1,2), W.T. Caiaffa (2), D.A.S. Costa (2), C.C. Xavier (2), F.A. Proietti (2), A.A.L. Friche (2)

(1) Pontifical Catholic University of Minas Gerais, Brazil, (2) Belo Horizonte Observatory for Urban Health/School of Medicine/Federal University of Minas Gerais, Brazil

Assessing resident's perception of air pollution and health while commuting in São Paulo: results from the ASTRID survey

A.D. Slovic (1), A. Nardocci (1)

(1) University of Sao Paulo, Brazil

On the impact of open burning on the air quality of a Latin American city

P. Krecl (1), C.H. Lima (1), T.C. Dal Bosco (1), A.C. Targino (1)

(1) Federal University of Technology, Brazil

Long-term trends of air pollution in Thailand and effects on health

W. Mueller (1), S. Steinle (1), M. Loh (1), S. Vardoulakis (1), N. Precha (2), W. Kliengchuay (2), N. Sahanavin (3), R. Sillaparassamee (4), K. Nakhapakorn (2), K. Tantrakarnapa (2)

(1) Institute of Occupational Medicine, UK, (2) Mahidol University, Thailand, (3) Srinakharintarawiroj University, Thailand, (4) Nakorn Ratchasima College, Thailand

A participatory approach towards addressing household air pollution in Nairobi's slums

K. Muindi (1), M. Chege (1), B. Mberu (1)

(1) African Population and Health Research Center, Kenya

UP NEXT: Break / Poster Session, 15:00-15:30

THURS

29/11 13:30-15:00 PARALLEL SESSION 6 (ABSTRACTS)

PS6.6 Governance I: Exploring Participatory and Community-Based Methods

Room: Mahogany

Chair: Dr. Sally Stansfield, Managing Director, Social Impact Practice, Deloitte Consulting LLP, USA

Small cities, big needs: participatory methods in urban and transport planning

M.T. Thondoo (1), M.J.N. Nieuwenhuijsen (1), J. Gupta (2), D.R.R. Rojas-Rueda (1), D.D.V. De Vries (2)

(1) Barcelona Institute for Global Health, Spain, (2) University of Amsterdam, Austria

Expectations and satisfaction of community-based urban health extension professionals in Ethiopia: Governance and leadership challenges

Y.T. Bayou (1), H.A. Tilahun (1), D. Hailemariam (2), D. Siraw (2)

(1) John Snow, Inc., Ethiopia, (2) Addis Ababa University, Ethiopia

The Effectiveness of Decentralisation as a Response Mechanism for the Governance of Environmental Risk in Bamenda, North West Cameroon

N. Roland (1)

(1) University of Yaounde I, Cameroon

Project "Clean Game - Clean Neighborhood": contributions of the 4° District of Porto Alegre governance group to reduce flooding problems and build healthier urbanization

F. Moscarelli (1,2), R. Nehme (1), R. Erhart (1), P. Moura (1)

(1) Methodist University Center, Brazil, (2) Southern Colleges, Brazil

UP NEXT: Break / Poster Session, 15:00-15:30

THURS

29/11 13:30-15:00 PARALLEL SESSION 6 (ABSTRACTS)

PS6.7 Health Services Research II: Achieving Resilient Urban Health Systems

Room: Meera

Chair: Dr. Shamim Hayder Talukder, CEO, Eminence Associates for Development, Bangladesh

Assessing the readiness of urban high-volume facilities in offering quality family planning services in selected geographies in Nigeria

O.D. Ishola (1), N. Afolabi (1), L. Ajijola (1), A. Akiode (1), V.I. Igharo (1)

(1) Johns Hopkins Centre for Communication Programs, Nigeria

A monitoring, evaluation and learning framework to support improved access to quality cancer care in cities

R. Morton Doherty (1), J. Chakowa (1)

(1) UICC, Switzerland

Achieving health systems' resilience: the interactions between social health Insurance, government health spending and macro-finance

C.M. Mostert (1)

(1) University of Witwatersrand, South Africa

Primary Health Care Reform: Responding to Emerging Urban Health Challenges by addressing equity through a New Primary Health Care (PHC) Model

H.A. Tilahun (1), Y.T. Bayou (2), B. Ashenafi (2), D. Hailemariam (3)

(1) John Snow, Inc. and Harvard T. H. Chan School of Public Health, Ethiopia, (2) John Snow, Inc, Ethiopia, (3) Addis Ababa University, Ethiopia

UP NEXT: Break / Poster Session, 15:00-15:30

THURS

29/11

15:30-17:00 PLENARY SESSION 5

PL5

Safety, Security, and Justice

Room: Speke Ball Room

Safety, security, and justice focuses on the systems needed to support urban dwellers in managing their safety and security to minimise negative health effects from violence and the social disruption of both criminal activity and the way in which systems of justice are designed and managed. The density and design of urban settings can affect real and perceived lack of safety and contribute to the stress levels of urban dwellers, with subsequent effects on mental and community health. When violence does occur, do individuals experience any barriers to accessing justice? What are the most effective relationships between crime-plagued communities and governments? How can community cohesion be strengthened to influence real and perceived safety and access to justice? What are the special issues for cities with large informal settlements where individuals may experience more vulnerability?

CHAIR

Dr. Yonette Thomas

Executive Director, the International Society for Urban Health

PANELLISTS

Dr. Jutta Bakonyi

Executive Director, Durham Global Security Institute, UK

Dr. Robert P. Ndugwa

Head, Global Urban Observatory Unit, City Prosperity Initiative, Kenya

Ms. Tracy Robinson

Lawyer and Lecturer, University of the West Indies

Ms. Diane Misenga Kabeya

Deputy Head of Delegation, International Committee of the Red Cross (ICRC)
Delegation to the African Union, Ethiopia

UP NEXT: Parallel Session 7, 17:15-18:45

THURS

29/11

17:15-18:45 PARALLEL SESSION 7 (ABSTRACTS)

PS7.1

Water, Sanitation & Waste Management II: Contamination and Basic Service Access

Room: Royal Palm

Chair: Dr. Gina Lovasi, Co-Director, Urban Health Collaborative, and Dornsife Associate Professor of Urban Health, Drexel University, USA

Comparative study of basic services in slums and non-slums in West Bengal, India

M. Rahaman (1)

(1) Jawaharlal Nehru University, India

Environmental Implication of Indiscriminate Industrial Waste Disposal on the Health Status of the Industrial Layout's Residents, Akure, Ondo State

M.A. Ogungbe (1), O.F. Jejelola (1)

(1) The Federal University of Technology, Nigeria

Relationship between water contamination and oral microbial diversity in a Brazilian favela

A.T. Forde (1), B. Bohn (2), R.S. Rabello (3), G.S. Lovasi (1), R.T. Demmer (4)

(1) Drexel University, USA, (2) Columbia University Mailman School of Public Health, USA, (3) Escola Nacional de Saúde Pública (ENSP)/Fundação Oswaldo Cruz (FIOCRUZ), Brazil, (4) University of Minnesota, USA

Facility mapping for safe drinking water in evolving urban communities using virtual reality

O.T. Laseinde (1), K. Maditsi (1)

(1) University of Johannesburg, South Africa

UP NEXT: Conference Dinner and Social, 19:00

THURS

29/11 17:15-18:45 PARALLEL SESSION 7 (ABSTRACTS)

PS7.2 **Metrics & Evaluation II: Indices, Data, and Evaluation Tools for Change**

Room: Acacia

Chair: Dr. Jean Christophe Fotso, Founder and Executive Manager,
Evidence for Sustainable Human Development Systems in Africa
(EVIHDAF), Cameroon

Establishing 'whole-city' health data frameworks is vital for sustainable health promotion and improvement in cities

L. Musoro

(1) London Metropolitan University, UK

Measuring for change - Results from a novel evaluation tool for estimating climate and health benefits

R. Huxley (1), T.H. Rahbek (2), S. Nielsen (2)

(1) C40, UK, (2) Novo Nordisk A/S, Denmark

Towards the healthiest global city: learning from London's progress at three years

N. Ellis (1), A. Mills (1), Y. Doyle (1)

(1) Public Health England, UK

UP NEXT: Conference Dinner and Social, 19:00

THURS

29/11 17:15-18:45 PARALLEL SESSION 7 (ABSTRACTS)

PS7.3 Urban Design II: Constructing the Built Environment for Health and Wellbeing

Room: Ebony

Chair: Dr. Sainath Banerjee, Deputy Project Director, IPE-Global, India

The health impact of urban informal settlements upgrading interventions: A South Africa case study

A. Weimann (1), T. Oni (1)

(1) University of Cape Town, South Africa

Missing aspects of therapeutic landscape in the psychological centres, Kigali, Rwanda

R. Tafahomi (1), R. Nadi (1)

(1) University of Rwanda, Rwanda

Enhancing the safety of partially sighted individuals by defining the appropriate level/s and ratio of value contrast in their built environment

S. Fallatah (1,2), K. Gaines (2), N. Adams (2), E. Schambureck (2)

(1) Prince Sultan University, Saudi Arabia, (2) Texas Tech University, USA

The Relationship Between Proximity to Greenspace and Mental Wellbeing in London

V. Houlden (1), J. Porto de Albuquerque (1), S. Weich (2), S. Jarvis (1)

(1) University of Warwick, UK, (2) University of Sheffield, UK

UP NEXT: Conference Dinner and Social, 19:00

THURS

29/11

17:15-18:45 PARALLEL SESSION 7 (ABSTRACTS)

PS7.4

Chronic Disease in Urban Areas: Prevalence & Prevention Challenges

Room: Jacaranda

Chair: Dr. Sotiris Vardoulakis, Research Director, Institute of Occupational Medicine (IOM), UK

Urbanisation and asthma in low and middle-income countries: a systematic review of the urban- rural differences in asthma prevalence

A. Rodriguez (1,2), E. Brickley (1), L.C. Rodrigues (1), R. Normansell (1), M.L. Barreto (5), P.J. Cooper (2,4)

(1) London School of Hygiene and Tropical Medicine, UK, (2) Laboratorio de Investigación FEPIS, Ecuador, (3) Universidad Internacional del Ecuador, Ecuador, (4) St. George's University of London, UK, (5) Centro de Pesquisas Gonçalo Muniz, FIOCRUZ, Brazil

A cross sectional study on the occupational airborne exposure and the prevalence of self- reported asthma, and respiratory symptoms amongst workers in selected factories in Nairobi, Kenya

J. Musumba (1,2), Z. Nganga (1,3), Y. Kombe (1,2)

(1) Jomo Kenyatta University of Agriculture and Technology, Kenya, (2) Kenya Medical Research Centre, Kenya, (3) South Eastern Kenya University, Kenya

Increasing Burden of High Blood Pressure, Heart Diseases and Diabetes in India: Evidence from a panel study

S. Chatterjee (1)

(1) International Institute for Population Sciences, India

The effect of internal migration on diabetes: a sib-comparative study

S.J. Mumu (1,2), A.K.M.F. Rahman (2,3), L. Ali (2), P. Fahey (1), D. Merom (1)

(1) University of Western Sydney, Australia, (2) Bangladesh University of Health Sciences, Bangladesh, (3) Centre for Injury Prevention and Research, Bangladesh

Understanding the complexity of diabetes vulnerability: social factors and cultural determinants relevant to type 2 diabetes

D. Napier (1), L. Hesseldal (2), S. Nielsen (2), A. Volkmann (1)

(1) Department of Anthropology, University College London, UK, (2) Cities Changing Diabetes, Novo Nordisk, Denmark

UP NEXT: Conference Dinner and Social, 19:00

THURS

29/11

17:15-18:45 PARALLEL SESSION 7 (ABSTRACTS)

PS7.5

Community Health & Wellbeing: Outreach, Participatory Methods, and Scale

Room: Mahogany

Chair: Dr. Eunice Karanja Kamaara, Professor, Department of Philosophy, Religion, and Theology, Moi University, Kenya

Impact of community health workers on the demographic and health outcomes in Urban India (2005-06) to (2015-16): an assessment of National Urban Health Mission (NUHM)

S.K. Saroj (1)

(1) Jawaharlal Nehru University, India

Using innovative participatory methods to stimulate dialogue on the right to food for the urban poor, Nairobi, Kenya

E. Kimani-Murage (1), T. Macharia (1), E. Kinuthia (1), D. Donovan (1), C. Gatura (1)

(1) African Population and Health Research Center, Kenya

The urban community agriculture practices in Chinese cities: case studies in Nanjing and Shanghai

Y.F. Wang (1), J.P. Liu (1), Z.Q. Zhou (1), S.Q. Lai (2), L.Y. Han (3)

(1) Nanjing Forestry University, China, (2) Tongji University, China, (3) Jiangsu Second Normal University, China

Leveraging mega sporting events to improve health outcomes for vulnerable urban populations

A. Smith (1), M. Peled (1), S. Martin (1)

(1) McCreary Centre Society, Canada

Implementing and evaluating a faith-based urban better-health model

B.H. Smith (1), K. Headley (2), P. Hoyt-Hudson (1), M. Phillips (1), H. Murphy (1)

(1) The Rogosin Institute, USA, (2) Strong Power Consulting, Inc., USA

UP NEXT: Conference Dinner and Social, 19:00

THURS

29/11 17:15-18:45 PARALLEL SESSION 7 (ABSTRACTS)

PS7.6

Maternal & Reproductive Health II: Disparities and Challenges in Urban Populations

Room: Meera

Chair: Dr. Waleska Teixeira Caiaffa, Professor of Epidemiology and Public Health, Minas Gerais School of Medicine, Brazil

Disparities in Maternal Health Service Utilization among Slum and Non-Slum Residents of Addis Ababa City, Ethiopia

Y.T. Bayou (1), Y. Mashalla (1), G. Thupayagale-Tshweneagae (1)

(1) University of South Africa, Ethiopia

Mother's time use and mother-daughter communication: implications on sexual health in urban Nigeria

M.P. Ajayi (1), E.O. Amoo (1), A.E. Jegede (1), O.H. Abimbola (1), T. Allo (1)

(1) Covenant University, Ota, Nigeria

Parenting training of adolescents on sexual reproductive health and rights issues to change attitude of parents leading to development of a supportive community

N. Sarker (1)

(1) Plan International, Bangladesh

Impact of community-based surveillance and monitoring on the reproductive and neonatal health status among young married women in an urban slum community in India

A. Dyalchand (1), G. Kulkarni (1)

(1) Institute of Health Management, Pachod, India

UP NEXT: Conference Dinner and Social, 19:00

Friday, November 30 | At-A-Glance

07:30-12:00	Registration Desk
08:30-10:00	Parallel Session 8
09:00-10:00	ISUH Business Meeting (open to all)
10:00-10:30	<i>Break / Poster Session</i>
10:30-12:00	Plenary Session 6 Spiritual Health in City
12:00-12:30	Closing Plenary (Ceremonial)
12:30-	Field Trips

FRIDAY

LOCATION: Speke Munyonyo Resort and Conference Centre, Kampala, Uganda

FRI

30/11

08:30-10:00 PARALLEL SESSION 8 (ABSTRACTS)

PS8.1

Inequality in Urban Areas: Health Implications and Adaptations

Room: Ebony

Chair: Dr. Gérard Salem, Professor, Paris Nanterre University, France

Socio-environmental inequalities and health implications in Addis Ababa, Ethiopia

R.B. Singh (1)

(1) Ethiopian Civil Service University, Ethiopia

Persistence of Deprivation and its effect on health in India

A.S. Shukla (1)

(1) Population Council, India

Street trading in Ile-Ife city: who, why, what? and insights for policy

T.O. Olaposi (1)

(1) Obafemi Awolowo University, Nigeria

Understanding urban poverty from the perspective of urban poor communities in three cities- Dhaka, Hanoi and Kathmandu

A. Poudel (1), H. Elsey (1), S. Manandhar (3), D. Minh (4), T. Ferdous (1), S. Khanal (1)

(1) University of Leeds, UK, (2) The ARK Foundation, Bangladesh, (3) HERDi, Nepal, (4) Hanoi University of Public Health, Vietnam

UP NEXT: Break / Poster Session, 10:00-10:30

FRI

30/11

08:30-10:00 PARALLEL SESSION 8 (ABSTRACTS)

PS8.2

Healthy Aging: Social Wellbeing and Coping with Chronic Conditions

Room: Meera

Chair: Dr. David Vlahov, Associate Dean for Research and Professor,
Yale School of Nursing, USA

Multimorbidity and Quality of Life among Elderly in Urban India

M. Dutta, L. Prashad (1)

(1) International Institute for Population Sciences, India

Normative Risky Sexual Practices and the Prevention of Sexually Transmitted Infections among Urban Dwelling Older Yoruba People in Southwest Nigeria

O.M. Agunbiade (1)

(1) Obafemi Awolowo University, Nigeria

Perceived meaning of urban local parks and social well-being of elderly men: A qualitative study of Delhi and Kolkata, India.

S. Jahangir (1)

(1) International Institute for Population Sciences, India

Sustainable Urban Transformations and the Ageing-Migration Nexus in Africa: A Case Study Of Lagos And Johannesburg

D. Y. (1)

(1) Partnership for African Social and Governance Research, Nairobi, Kenya

UP NEXT: Break / Poster Session, 10:00-10:30

FRI

30/11

08:30-10:00 PARALLEL SESSION 8 (ABSTRACTS)

PS8.3

Climate Change & Disaster Preparedness II: Preparing for the Worst

Room: Sheena

Chair: Dr. Yonette Thomas, Executive Director, International Society
for Urban Health, USA

**Changing environment and impoverishment risks: Experiences from gender groups
from urban development projects in Dar es Salaam city**

D.L. Magembe-Mushi (1)

(1) Ardhi University, Tanzania

**Natural Disaster and Household Vulnerability to Violent Crime in Flood Prone Areas of
Urban Centres in Nigeria**

T. Shabu, E.M. Adaaku (1)

(1) Benue State University, Nigeria

Psychosocial Trauma in the City in East Africa

P. Baguma

Makerere University, n/a, Uganda (1)

Modelling to improve food security following a natural disaster

M. Eichinger (1), S. Mokalled (1), J. Spencer (1)

(1) Clemson University, USA

UP NEXT: Break / Poster Session, 10:00-10:30

FRI

30/11

08:30-10:00 PARALLEL SESSION 8 (ABSTRACTS)

PS8.4

Child & Adolescent Health II: Urban Food Systems and Nutrition

Room: Majestic

Chair: Ms. Joyati Das, Global Child Rights and Urban Technical Lead,
Botnar Healthy Cities for Adolescents Challenge

Transition in Childhood Malnutrition in Urban India: Evidence from Various Cross-sectional Surveys conducted during 2005 to 2016

G. Gudakesh (1)

(1) International Institute for Population Sciences, India

**What contributed to reduction in childhood stunting in India in last two decades?:
Analysis of pooled data from three rounds of Indian Demographic Health Survey
(1992-2006)**

S. Srivastava (1)

(1) International Institute for Population Sciences, India

**Moving in and out of food insecurity: the case of two urban informal settlements in
Nairobi, Kenya**

M. Mutisya (1), T. Macharia (1), E. Kimani-Murage (1)

(1) African Population and Health Research Center, Kenya

**Food Choices of Adolescents and Testing the Efficacy of Smart Phone Aided Nutrition
Education Program**

N. Jawed (1), A. Mehdi (1), N.F. Safdar (1)

(1) Dow University of Health Sciences, Pakistan

UP NEXT: Break / Poster Session, 10:00-10:30

FRI

30/11

08:30-10:00 PARALLEL SESSION 8 (ABSTRACTS)

PS8.5

Governance II: Systems-Level Analysis and the Private Sector

Room: Regal

Chair: Dr. Sally Stansfield, Managing Director, Social Impact Practice,
Deloitte Consulting LLP, USA

Towards equitable sanitation: faecal waste management policy landscape scape analysis in East Africa

A. Nanyonjo (1), B. Mberu (1)

(1) African Population and Health Research Center, Kenya

Organizational network analysis for urban governance in eastern Congo

P. Sommerville (1), R. Fromer (1), A. Bunger (1), C. Hempfling (1), C. Espey (5), C.B. Rugusha (5), J.K. Kandolo (5), A. Maboko (5), R.B. Kwigomba (5)

(1) LINC LLC, USA, (2) Mercy Corps, Congo

Using a systems approach to explore the relationship between public space, sanitation and health in slums

J. Stricker (1,2), J.G. Siri (3), M.E. Gnilo (2), M. Short (1), J.D. Davila (1)

(1) University College London, UK, (2) UNICEF, USA, (3) UNU-IIGH, Malaysia

Africa science plan on health and human wellbeing

S. Facknath (1), C. Wambebe (1)

(1) University of Mauritius, Mauritius

Urban primary health care services delivery project, a unique example of public private partnership in Bangladesh

N. Mohammad (1), M. Majumder (2), S. Ahmed (1)

(1) Population Services and Training Center (PSTC), (2) Bangladesh, Ministry of Local Government, Rural Development & Cooperatives, Bangladesh

UP NEXT: Break / Poster Session, 10:00-10:30

FRI

30/11

10:30-12:00 PLENARY SESSION 6

PL6

Spiritual Health in the City

Room: Speke Ball Room

Urbanisation is not only a demographic, economic, and social process—it also implies psychological change. In some contexts, urbanisation may be associated with increased opportunities and choices; others experience disruption in traditional living arrangements, food sources, and daily activities. Negative effects of these changes can result in mental health concerns, including elevated rates of psychoses, depression, crime, alcoholism, and alienation. Spiritual health in the city focuses on how individuals experience the process of urbanisation and change and through what mechanisms they are able to feel a subjective sense of inherent value and optimism. In particular, this sub-theme emphasises the experience of individuals in challenging circumstances, their resilience in responding to change, and their drive to find a sense of meaning and purpose. This sub-theme further examines how spiritual and faith-based elements, including traditional healers, may foster or disrupt community building, the formation of a distinct urban identity, and broader participation in the design and use of urban space.

CHAIR

Dr. Blessing Mberu

Senior Research Scientist and Head of Urbanization and Wellbeing, African Population and Health Research Center, Kenya

PANELLISTS

Dr. Eunice Karanja Kamaara

Professor, Department of Philosophy, Religion, and Theology, Moi University, Kenya

Dr. Mandivamba Rukuni

Founder and Executive Chairman, Barefoot Education for Africa Trust (BEAT), Zimbabwe

Ms. Judy Njeri Thirimu

Student, MA Clinical Psychology, USIU-Africa, and Intern, Oasis Africa Center for Transformational Psychology & Trauma, Kenya

UP NEXT: Closing Plenary Session, 12:00-12:30

FRI

30/11

12:00-12:30 CLOSING PLENARY SESSION

PLC

Closing Plenary (Ceremonial)

Room: Speke Ball Room

The Closing ceremony will include reflections on the main conclusions of the conference from the conference hosts and a passing of the baton from the Uganda National Academy of Sciences to the International Science Council for the next meeting. The venue for the next conference will be announced.

UP NEXT: Field Trips, 12:30-



INTERNATIONAL SOCIETY FOR URBAN HEALTH

MAKING CITIES HEALTHIER WORLDWIDE



PLENARY SPEAKERS

PLENARY SPEAKER BIOGRAPHIES

PLENARY SESSION 1 : Governance of Complex Systems

Catherine Kyobutungi

African Population & Health Research Center, Kenya



Dr. Catherine Kyobutungi is the Executive Director at the African Population and Health Research Center (APHRC) in Nairobi, Kenya. APHRC is a premier Africa-based, African-led research institute that aims to nurture Africa's research leaders to increase their voices in policy discourses that affect the continent's people. The Center's work on slums and slum systems over the last 15 years has shone the spotlight on the magnitude and consequences of intra-urban inequities, and ways in which these inequities can be addressed.

Catherine's research interests are at the interface of health systems and non-communicable diseases (NCDs) and how the former can be engineered to be more responsive to the needs of the majority of the populations they serve. She has a passion for evidence playing a role in decision making and her research over the last ten years, has contributed to decisions at different levels including: management of cardiovascular diseases in primary health care facilities, strengthening community systems for prevention and management of NCDs, addressing the leakages in the continuum of NCD risk reduction and elevation of the policy debate about NCDs in Kenya.

Catherine holds a Bachelor of Medicine and Bachelor of Surgery from Makerere University (Uganda), a Master of Science in Community Health and Health Management and a Doctor of Philosophy in Epidemiology both from Ruprecht-Karls-University (Germany).

Agis Tsouros

International Adviser on Health Policy and Strategy, UK



He is an International Adviser Health policy and Strategy advising national and local governments, agencies, NGOs and Institutions. Areas of special interest include: equity and the determinants of health, sustainable development and SDGs, urban health and global healthy cities, health promotion and health literacy, national and sub-national governance for health, city health diplomacy, migrants and health, public health systems and also tourism and health.

He has studied Medicine in Athens and owns a Ph.D. in Public Health from the University of Nottingham. He is an accredited public health specialist and Fellow of the Faculty of Public Health (UK).

PLENARY SPEAKER BIOGRAPHIES

He has served for many years as the Director of the Division of Policy and Governance of Health and Wellbeing at the WHO Regional office Europe.

Mark Davies

Chief Medical Officer (Europe), IBM, UK



Mark has over 20 years' experience as a GP in West Yorkshire. He has a long-standing interest in health policy and system redesign and this has led him to work nationally for the last 10 years in a number of clinical leadership roles at the Department of Health, Cabinet Office and, most recently, as executive medical director of the Health and Social Care Information Centre.

He led the work on health data transparency when at Cabinet Office which led to some of the most significant open health initiatives in the world. Whilst in the Department of Health he was National Clinical Director in charge of primary and community care systems and led work on clinical record standards and clinical contents.

He has also been medical director for the Choose and Book programme. Mark led an initiative with the US government on common data and health technology standards which led to a landmark agreement between the UK and US governments. He joined global health informatics specialist MedeAnalytics in May 2014 as European Medical Director where he worked for 3 years developing population health management systems. He also chaired the health analytics group within the national industry trade association for technology, TechUK

Clinically has had an interest in service redesign especially in end of life care and emergency services. He founded and was medical director of one of the largest social enterprise providers in the country – Local Care Direct. Which developed a model of integrated urgent care using multi-professional groups to cover a population of 3 million people. Mark has an interest in population health, clinical quality measurement and the use of technology to optimize care for individuals. He is a faculty member on the primary care home programme at the National Association of Primary Care. He is a non executive director for the British Medical Journal.

PLENARY SPEAKER BIOGRAPHIES

PLENARY SESSION 2: Culture and Inclusivity

Jason Corburn

University of California Berkeley, USA



Dr. Jason Corburn is a Professor of Urban Health at the University of California, Berkeley, jointly appointed in the School of Public Health and Department of City and Regional Planning. He Directs the Institute of Urban and Regional Development and the Center for Global Healthy Cities at UC Berkeley. Dr. Corburn's research focuses on urban health equity, citizen science, participatory upgrading of informal settlements, and urban violence reduction. Dr. Corburn's work spans cities in North and South America, East Africa and Asia. He is a member of the board of the International Society for Urban Health, International Council of Science, Urban Health and Well-Being Scientific Committee, and the US National Academy of Sciences Committee on Urbanization and Slums. He is the author of numerous award winning publications, including the books, "Street Science," "Toward the Healthy City," and "Slum Health," which won a 2017 award from the British Medical Association. Dr. Corburn received his PhD from MIT.

Mary Bassett

Harvard FXB Center of Health and Human Rights, Harvard University, USA



Mary T. Bassett is the Director of the FXB Center for Health and Human Rights at Harvard University, as well as the FXB Professor of the Practice of Health and Human Rights at the Harvard School of Public Health. With more than 30 years of experience in public health, Dr. Mary Travis Bassett has dedicated her career to advancing health equity. Prior to her directorship at the FXB Center, Dr. Bassett served for four years as commissioner of Health for New York City. As commissioner, she worked to ensure that every New York City neighborhood supported the health of its residents, with the goal of closing gaps in population health across the city.

Originally from New York City, Dr. Bassett lived in Zimbabwe for nearly 20 years. Previously, she was the Program Director for the African Health Initiative and the Child Well-being Program at the Doris Duke Charitable Foundation. She received her B.A. in History and Science from Harvard University and her M.D. from Columbia University's College of Physicians and Surgeons. She served her medical residency at Harlem Hospital Center, and has a master's degree in Public Health from the University of Washington, where she was a Robert Wood Johnson Clinical Scholar.

PLENARY SPEAKER BIOGRAPHIES

Philippa Howden Chapman

Department of Public Health, University of Otago, New Zealand



Philippa Howden-Chapman, professor of public health at the University of Otago, Wellington, is co-director of *He Kainga Oranga*/ Housing and Health Research Programme and director of the NZ Centre for Sustainable Cities. Her team's randomised community trials, in partnership with local communities, provide evidence to inform housing, health, safety and energy policy. Their work focuses on reducing inequalities in the determinants of health and wellbeing and they have received a number of awards, including the Prime Minister's Science Team Prize. She is currently the chair of the WHO Housing and Health International Guidelines Development Group, the ICSU Scientific Committee on Urban Health and Wellbeing: a systems approach and the Board of Housing New Zealand Corporation. She is a fellow of the Royal Society of New Zealand.

PLENARY SPEAKER BIOGRAPHIES

PLENARY SESSION 3: Disasters, Epidemics, and the Unexpected

Desmond Appiah

Chief Resilience Officer, City of Accra, Ghana



Desmond C. Appiah is the Chief Sustainability and Resilience Advisor to the Mayor of Accra. He is also the C40 City Advisor for Accra responsible for the development of a Paris Agreement Compliant Climate Action Plan by Deadline 2020. Desmond is the immediate past Chief Resilience Officer of Accra and led the development of a Resilience Strategy for the city. He has in the past led many initiatives in the private and public sector to design and implement proactive environmental, health & safety as well as quality management systems in Ghana, and internationally. Desmond holds a BA (Hons) in Geography & Resource Development from University of Ghana, an MSc in Energy and Sustainable Development from DeMontfort University, Leicester and an MS in Environmental Protection and Safety Management from St Joseph' University in Philadelphia.

Hans Guttman

Executive Director, Asian Disaster Preparedness Center (ADPC), Thailand



Hans Guttman joined the Asian Disaster Preparedness Center with over 25 years of policy and development experience specifically in the fields of rural development, water resources management, environmental management, water diplomacy and international cooperation.

He has over a decade of practical experience in implementing on-the-ground sustainable rural development initiatives at the local, national and regional levels in Southeast Asia. He was the CEO of the Mekong River Commission Secretariat (2011 –2015) supervising the implementation of the 1995 Mekong Agreement. As Coordinator for the Wetlands Alliance (WA) Program, he managed 50 agencies in 5 countries to cooperate in aquatic resources management for poverty reduction in the Mekong region. Hans holds a BSc from James Cook University in Australia and an MSc from the Asian Institute of Technology (AIT) in Thailand.

PLENARY SPEAKER BIOGRAPHIES

Sotiris Vardoulakis

Institute of Occupational Medicine (IOM), UK



Professor Sotiris Vardoulakis is Research Director at the Institute of Occupational Medicine (IOM) in Edinburgh, UK, and founding co-Chair of the International Consortium for Urban Environmental Health and Sustainability (Healthy-Polis). Previously he was Head of the Environmental Change Department, and Leader of the Air Pollution and Climate Change Group at Public Health England. He has advised national and local Governments, and international organisations on the health effects of air pollution and climate change, and on environmental policies for sustainable urban development. He is honorary Professor at the European Centre for Environment and Human Health at Exeter University Medical School.

Lidia Morawska

Science and Engineering, Queensland University of Technology, Australia



Lidia Morawska is a Professor at the Queensland University of Technology (QUT) in Brisbane, Australia, the Director of the International Laboratory for Air Quality and Health (ILAQH) at QUT, which is a Collaborating Centre of the World Health Organization, and a co-director of the Australia-China Centre for Air Quality Science and Management. She conducts fundamental and applied research in the interdisciplinary field of air quality and its impact on human health and the environment, with a specific focus on science of airborne particulate matter.

Lidia is a physicist and received her doctorate at the Jagiellonian University, Krakow, Poland for research on radon and its progeny; is an author of almost five hundred journal papers, book chapters and refereed conference papers; has been involved at the executive level with a number of relevant national and international professional bodies and has been acting as an advisor to the World Health Organization; was President of the International Society of Indoor Air Quality and Climate; and is a recipient of numerous scientific awards.

PLENARY SPEAKER BIOGRAPHIES

PLENARY SESSION 4 : Cities as Economic Engines

Aromar Revi

Indian Institute for Human Settlements, India



Aromar Revi is the founding Director of the Indian Institute for Human Settlements (IIHS). For over a decade, he has helped built IIHS into one of the world's leading urban education, research, capacity building and advisory institutions located in the Global South, focusing on the multi-dimensional challenges and opportunities of sustainable urbanisation.

He is an alumnus of IIT-Delhi and the Law and Management schools of the University of Delhi. He is an international educator, practice and thought leader, with 33 years of interdisciplinary experience in public policy and governance, sustainable development, human settlements, global environmental and technological change. Aromar is amongst the most cited urban scholars in the world across multiple fields, with over 75 publications and 8,000 citations: urbanisation (#6), climate adaptation (#4), infrastructure (#8), sustainable development (#24), and public policy (#48). He is the Editor of the interdisciplinary international journal *Urbanisation* (Sage) and on the editorial Boards of the *International Journal of Urban Sustainable Development* (Taylor & Francis), *Urban Climate* (Elsevier) and *Nature Sustainable Earth* (Springer-BMC).

Aromar is a global expert on implementing Sustainable Development; and Co-Chair of the UN Sustainable Development Solutions Network (SDSN), where he led a successful global campaign for an urban Sustainable Development Goal (SDG 11) as part of the UN's 2030 development agenda, which brought major global urban institutions and over 300 cities and organisations together. He has addressed special sessions of the UN Open Working Group on the SDGs and the 71st General Assembly special session on the New Urban Agenda on the theme of Sustainable Cities, in 2014 and 2017.

Aromar's recent research and policy work lie at the interface of sustainability and climate science; and the emerging discipline of 'urban science', that he is helping define internationally. He is a member of the UCL-Nature Sustainability Expert Panel on urban research and global sustainability. In 2016, curated by him, UNSDSN & the SDG Academy launched the first 75-session global Massive Open Online Course (MOOC) on Sustainable Cities & SDG 11, featuring 30 of the world's leading urbanists. Over 10,000 participants from 110 countries registered for this course.

PLENARY SPEAKER BIOGRAPHIES

Liza Kimbo

Director, LiveWell Ltd, USA



Liza has over 20 years experience in senior and executive level management, mainly focused on health-related programs. Her passion is in developing enterprises that serve the healthcare needs of the poor. Liza is Kenyan, and has a B.S. degree in Finance, an MBA (United States International University) and an MSc in Health Systems Management from the London School of Hygiene and Tropical Medicine.

Liza's career spans the banking industry, healthcare business start-ups in both non-and for - profit organizations. She established the first primary care health franchise organization in Kenya – CFWclinics owned by Healthstore Foundation. She thereafter founded LiveWell Ltd., a chain of 7 clinics and one mid-size hospital that provide low-income earners in Kenya with convenient, assured quality and affordable healthcare services.

Stuart Mwesigwa

Roofings Group, Uganda



Stuart Jason Mwesigwa, a seasoned Banker, marketer and PR practitioner now working with the most prestigious steel and plastics manufacturing company in the East African region. Roofings Limited has a wide experience in Business Development. Roofings has a market share in the region of about 49% considering the wide range of products that they deal in. Stuart is on the senior management level for the company and represents Roofings as Director on the East African Business Council Board, Uganda Manufacturers Association marketing division , Private Sector Foundation Uganda projects committee, a member of the Uganda Chamber of Mines and Petroleum Association , Chairman of the Board JA Uganda, Board member Uganda Sicklecell Rescue Foundation, member Uganda Steel and Iron Manufacturers Association, etc.

PLENARY SPEAKER BIOGRAPHIES

Steffen Nielsen

Cities Changing Diabetes, Novo Nordisk A/S, Denmark



Steffen is the Director responsible for driving the team behind the Novo Nordisk flagship programme Cities Changing Diabetes that addresses urbanisation, obesity and diabetes in collaboration with academia, thought leaders and municipal champions. Steffen has an MSc in economics from University of Copenhagen and has worked 13 years in the pharmaceutical industry 8 of those in Novo Nordisk. Before joining the pharmaceutical industry Steffen worked as a civil servant in the Danish Ministry of the Interior and Health.

PLENARY SPEAKER BIOGRAPHIES

PLENARY SESSION 5: Safety, Security, and Justice

Jutta Bakonyi

Durham University, UK



Jutta Bakonyi is the Director of the Durham Global Security Institute and Associate Professor in Conflict and Development at Durham University in the UK. Her research focusses on the causes, actors and dynamics of violence and war, state dynamics and international interventions and on the way knowledge is generated in interventions. More recently, Jutta started to explore the link between global transformations of capitalism, urbanization and violence. As part of this research she is leading the ESRC/DFID funded project 'Security on the Move. Everyday Security of IDPs in rapidly growing Somali Cities'.

Before joining Durham University, Jutta has worked as conflict management expert and manager of a transitional justice program in Somalia and Kenya respectively.

Robert Ndugwa

Global Urban Observatory Unit, City Prosperity Initiative, UN Habitat, Kenya



Robert P Ndugwa is the Head of the Global Urban Observatory Unit (Statistics & Data unit) in the Research and Capacity Development Branch at the United Nations Human Settlements Programme (UN-Habitat) in Nairobi, Kenya. He is primarily responsible for the UN-Habitat's global urban monitoring and reporting especially the SDGs as well as the New Urban Agenda. Robert leads the statistical work on the City Prosperity Index: a tool used to assess performance of cities on a global scale. Prior to joining UN-Habitat, Robert worked with various institutions including UNICEF, and the London School of Hygiene and Tropical Medicine. Robert's research interests includes: global urban

monitoring, use of earth observation technologies, urbanization and health systems dynamics, urban inequalities and marginalization, urban expansions, slums and demographic surveillance systems, urbanization and adolescents transitions. He has contributed to several research articles in journals such as: Lancet, Journal of Urban Health; International Journal of Epidemiology; Journal of Child Health; Malaria Journal; Studies in Family Planning; Bulletin of World Health Organization among others. He has also contributed to book chapters including "Smart Economy in Smart Cities, Springer 2016".

PLENARY SPEAKER BIOGRAPHIES

Tracy Robinson

University of the West Indies, Jamaica



Tracy Robinson is a Senior Lecturer in the Faculty of Law, The University of the West Indies (UWI), Mona, Jamaica. She is a researcher in the areas of constitutional law, human rights, gender, sexuality and the family. She was a member of the Inter-American Commission (IACHR) between 2012 and 2015 and served as its President between 2014 and 2015. She is a Commissioner on the Independent Review of Equity and Health Inequalities in the Americas, initiated by PAHO/WHO in 2016. She is also a co-founder and co-coordinator of the Faculty of Law, The UWI Rights Advocacy Project (U-RAP).

Diane Misenga Kabeya

International Committee of the Red Cross (ICRC) Delegation to the African Union, Ethiopia



Diane Misenga Kabeya is the Deputy Head of the Delegation of the International Committee of the Red Cross (ICRC) to the African Union.

She has over a decade of experience in human rights and humanitarian work. She joined the ICRC in 2008 and has since worked in the field as a delegate in West and East Africa and Latin America.

Diane previously worked at the United Nations Office of the High Commissioner for Human Rights as Associate Human Rights Officer based in Geneva. She specializes in human rights law and humanitarian affairs in Africa.

She holds a master degree in International and Human Rights Law from the Faculty of Law, University of Montpellier, France.

PLENARY SPEAKER BIOGRAPHIES

PLENARY SESSION 6: Spiritual Health in the City

Eunice Karanja Kamaara

Moi University, Kenya



Eunice Kamaara, Professor of Religion at Moi University, Kenya holds PhD in African Christian Ethics and MSc. in International Health Research Ethics. Her research interest is in trans-disciplinary perspectives to religion/spirituality, gender and health in Africa. She is keen to translate research findings into practical development through policy influence and community research uptake. She has over 100 publications, and has consulted for the World Bank, United States Agency for International Development (USAID), the United Nations Population Fund (UNFPA), and the Templeton World Charity Foundation Inc. (TWCF)., among others. She is member, Ethics Review Board, Medecines San Frontieres.

Mandivamba Rukuni

Barefoot Education for Africa Trust (BEAT), Zimbabwe



Mandi is an experienced development policy analyst and strategist in a variety of sectors including agriculture and rural development, business, finance, government, and education. A Zimbabwean national, Mandi is currently Director of BEAT Doctoral Academy and is Professor Extraordinaire, University of Africa, Zambia, and adjunct Professor at the National University of Science and Technology (NUST) in Bulawayo, Zimbabwe. His career started 36 years ago with University of Zimbabwe and served as Professor and Dean of Agriculture. He subsequently worked with W.K. Kellogg Foundation for 11 years as Director for Africa Programs. He has served as consultant to several organizations, including World Bank, EU, USAID, DFID, CIDA, Rockefeller, Winrock, and McKnight Foundations. Further, Professor Rukuni served on several international boards: CIAT, IFPRI, IDS (Sussex), and several corporate and parastatal boards in Zimbabwe: Kingdom Bank; Triangle Ltd; Hunyani; Zimsun Hotels; Blue Ribbon Industries; Zimnat Life; GMB, ARDA, and Agricultural Research Council. He has over the last decade been strategic advisor to the Africa Union/NEPAD programs including Comprehensive African Agriculture Development Programme (CAADP), Land Policy Initiative (LPI) and the Rural Futures Program. He has received several honours and awards and has published 15 books and more than 100 articles.

PLENARY SPEAKER BIOGRAPHIES

Judy Njeri Thirimu

Mater Hospital, Nairobi, Kenya



Judy Njeri Thirimu is an MA student of Clinical Psychology at USIU-Africa. Currently she is doing an internship at Oasis Africa Centre in Kilimani, Nairobi. At Oasis she provides psychotherapy services to clients who have mental health challenges such as depression, substance addiction and psychological distresses that affect their functioning.

In August 2018 she participated in a workshop where she trained participants from a corporate client on how to manage stress, anxiety and depression.

She is also offering pro-bono individual therapy sessions to university students with acute psychological distress and empowering them with life skills to help them cope with their life challenges.

Before she began her internship at Oasis Africa, she worked at the Mathari Teaching and referral hospital as an intern from December 2017 to May 2018. She mainly worked with patients in the rehabilitation centre. She did individual, group and family therapy to support the clients who were recovering from addiction.



INTERNATIONAL SOCIETY FOR URBAN HEALTH

MAKING CITIES HEALTHIER WORLDWIDE



SPONSORS/PARTNERS

ORGANISERS



ORGANISERS

CEGOT

Centro de Estudos de Geografia
e Ordenamento do Território



International Geographical Union
Commission on Health
and the Environment (IGU CHE)



SPONSORS



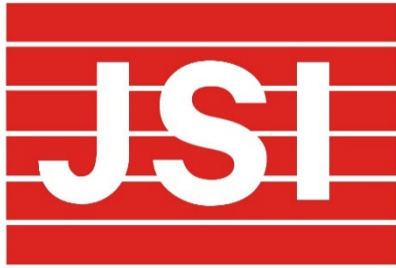
f o n d a t i o n
BOTNAR



The Novartis
Foundation



EXHIBITOR



John Snow, Inc., and the non-profit JSI Research & Training Institute, Inc., are public health management consulting and research organizations dedicated to improving the health of individuals and communities in the US and around the globe. For more than four decades, JSI has partnered with public institutions, private sector, and civil society to design evidence-based policies, build capacity, and strengthen health systems. Working in more than 30 countries, JSI is translating evidence into sustainable solutions that improve access to high-quality, equitable health services.

Website: www.jsi.com

MEDIA PARTNERS

CitiesToday
Connecting the world's urban leaders

