

4th Edition of International Public Health Conference

Theme: Innovation in Public Health:
From Ideas to Impact

Our Scientific Committee



KENNETH R. PELLETIER
University of California, United States



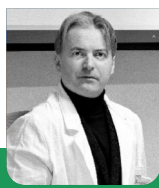
YANN A. MEUNIER
International Institute of Medicine and Science,
United States



DAVID JOHN WORTLEY
International Society of Digital
Medicine (ISDM), United Kingdom



MARK FULLEMANN
Practice & Experience GmbH,
Switzerland



LUCA RONCATI
University of Modena and Reggio Emilia, Italy



ELIZABETH DALE GILLEY
THE ELLE FOUNDATION,
UNITED STATES



MALGORZATA MIZGIER
Poznan University of Physical Education, Poland

24-26TH
MARCH
2025

Scientific TOPICS

- Infectious Diseases
- Public Health Nutrition
- Injury Prevention and Control
- Women, Adolescent and Children
- Minority Health and Health Disparities
- Sexual and Reproductive Health
- Preventive Medicine
- Public Health Genetics and Genomics
- Neuroscience
- Public Health Epidemiology
- Parasitology and Public Health
- Occupational Safety and Health
- Population Sciences
- Public Health Education
- Risk Assessment, Preparedness Response and Recovery

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Village Hotel Changi
1 Netheravon Rd, Singapore 508502

Keynote Presentations

Kenneth R Pelletier, University of California, United States

Title: Trends in the epigenetics human longevity: Sorting hope from hype

Yann A Meunier, International Institute of Medicine and Science, United States

Title: Epidemiology of viral infections of the upper respiratory tract in the world

Bob Esquerre, Esquerre Fitness Group International, United States

Title: Collaborative empowerment strategies: The role of the health & fitness sector in managing global obesity

David John Wortley, International Society of Digital Medicine (ISDM), United Kingdom

Title: Gamification and enabling technologies in preventative healthcare

Mark Fullemann, Practice & Experience GmbH, Switzerland

Title: Migration: A major challenge to health and safety at work

Manfred Doepp, HolisticCenter, Switzerland

Title: Dentogenic blockages of the glymphatic system and the resulting brain problems

Malgorzata Mizgier, Poznan University of Physical Education, Poland

Title: AIDiet intervention vs. hormonal and immune-metabolic health in normal and overweight adolescent girls with Polycystic Ovary Syndrome

Oral Presentations

Vincent Covello, Center for Risk Communication/CrisisCommunication.net, United States

Title: Advances in crisis, emergency, and risk communication: Evidence-based public health strategies and practice

Tracey Continelli, Russell Sage College, United States

Title: Using vaccine status, number of infections, and pre-omicron versus omicron variant status to more precisely predict the likelihood of both long covid as well as the severity of long covid in the U.S.

Tracey Continelli, Russell Sage College, United States

Title: Can support received as a child versus an adult reduce depression and increase life satisfaction? The differential impact among those with adverse childhood experiences

Jenn Lee, University of Pittsburgh, United States

Title: Examining social determinants of oral health for immigrant communities

GV Fant, JSPH International, United States

Title: Leveraging genAI and applied calculus for communicable disease control: Possible approaches for public health surveillance system in India

Bertrina Olivia West, Out of the Box Counseling Coaching & Consulting, United States

Title: Transforming trauma: Culturally competent approaches to holistic healing

Dan Warren, Envita Medical Centers, United States

Title: Diagnostic Challenges of Lyme Disease

Tia Warrick, Juniata College, United States

Title: Association of diabetes outcome and atrazine exposure among Pennsylvania counties, 2011-2019

Simran Bath, Farmington High School, United States

Title: From crisis to care: Adapting lessons from Thailand to improve healthcare as a human right in the Northern triangle

Parth Sinojia, Rhodes College, United States

Title: From food deserts to stroke rates: how GIS can inform public health strategies in urban communities

Pierce Wright, The Browning School, United States

Title: Utilizing AI to optimize EMS response to acute mental illness and resulting ER resource allocation

Michal Plavsá, Ohio University, United States

Title: Evaluating health literacy and community health workers: An interdisciplinary approach

Avra Rossman, San Jose State University, United States

Title: Public support for gun control, gun laws, and gun homicides: A U.S.-Canada comparison

Michal Plavsá, Ohio University, United States

Title: A contrast review of community health worker training programs and standardized education

Sara Maria Majernikova, University of Oxford, United Kingdom

Title: Novel anaemia therapy in chronic kidney disease: Expectations and myths of adverse drug reactions

Ifeoma Elizabeth Dan-Ogosi, University of East London, United Kingdom

Title: Participatory budgeting, health promotion and theatre production: a qualitative case study in North London

Ifeoma Elizabeth Dan-Ogosi, University of East London, United Kingdom

Title: Health, communities and resilience: Lessons from a participatory budgeting programme

James Davis, AssocMISCP, United Kingdom

Title: Understanding andropause: An organisational perspective

Sabuj Kanti Mistry, University of New South Wales, Australia

Title: Assessing the feasibility and acceptability of employing bilingual community navigators in general practice setting

Atalay, The University of New South Wales, Australia

Title: Mapping Biosafety Level 3 (BSL-3) and BSL-4 laboratories to minimize public health threats

Chien Ju Ting, Auckland University of Technology, New Zealand

Title: Exploring barriers to immunisation in Te Tai Tokerau, the Northland region of Aotearoa New Zealand

Mequanent wale Mekonen, University of Messina, Italy

Title: Application of principal component analysis and ordered logit model in diabetic kidney disease progression in people with type 2 diabetes

Giada Pietrabissa, Catholic University of Milan, Italy

Title: The RinasciMENTE project: An internet-based self-help program to manage psychological distress within the wider Italian population

Tahmina Faizi, Paderborn University, Germany

Title: The Lauterbach Reform - Welfare effects and regulatory implications

Alexia Ortega Popoca, Instituto Nacional de Salud Publica, Mexico

Title: Falls and osteoporosis in older adults: Prevalence and interventions in a Mexican Community, Xochitepec Morelos

Andrea Arango Angarita, Instituto Nacional de Salud Publica, Mexico

Title: Impact of healthy and sustainable diets on the mortality burden in Mexican adults

Carla Monserrat Flores Quinonez, Instituto Nacional de Salud Publica, Mexico

Title: Prevalence of sarcopenia in rural community-dwelling Mexican older adults

Daniela Patricia Santos Costa, Ministry of National Guard Health Affairs, Saudi Arabia

Title: Assessment of burden among informal caregivers from HHC patients – Riyadh, Saudi Arabia

Hamad Aldossari, Imam Mohammad Ibn Saud Islamic University, Saudi Arabia

Title: Mapping covid-19 infections and fatality in Saudi Arabia: An exploration

Jia Xu, Singapore Institute for Clinical Sciences, Singapore

Title: The human gut microbiome in pregnancy and early life: Insights from the GUSTO and S-PRESTO multi-ethnic Asian cohorts

Stephen-Claude HYATT, CALM International, Singapore

Title: Trauma and infidelity: How infidelity may create trauma

Yuma Kajiwar, University of Tsukuba, Japan

Title: The number of steps taken as a buffer factor for stress in working people

Zaara Travadi, British School Jakarta, Indonesia

Title: Methods to enhance mechanical strength of 3D printed chitosan scaffolds for jawbone regeneration

Ageng Aprisandi, Occupational Safety and Health Practitioner, Indonesia

Title: Sustainability of occupational safety and health in supporting efforts to reduce work accidents in industry

Nedyalka Valcheva, Vocational High School, Bulgaria

Title: Characterization of isolated strains of microorganisms from mineral, mountain and spring waters from France, Italy, England, South Korea, Japan, Netherlands, Austria, Spain and Bulgaria

Natalia Khutsishvili, The University of Georgia, Georgia

Title: Understanding the social burden of multiple sclerosis patients in Georgia: A comprehensive analysis of quality of life and sociodemographic factors

Nino Silagadze, University of Georgia, Georgia

Title: Assessing the awareness of adverse drug reaction reporting among Healthcare Professionals (HCPs) in Georgia

Fan Yang, Southwestern University of Finance and Economics, China

Title: Impact of family structure on the health of farmers and herders on the Tibetan Plateau: A case study of Lhasa city, China

Chong Lu, Southwestern University of Finance and Economics, China

Title: Perfect mate: The effects of mate selection criteria on the residents' satisfaction with mate candidates

Nan sun, Southwestern University of Finance and Economics, China

Title: Disparities of health trajectories between migrants and native residents: An empirical study in China

Yue YUAN, Southwestern University of Finance and Economics, China

Title: From rural to urban: Conflicts and adaptation of multiple identities in migration

Jiayue Guo, Yuxing Wang, Peking Union Medical College, China

Title: Health Literacy and its internal pathway among Chinese elementary school students: A serial Mediation Model Analysis

Bingxin Liu, 101 Middle School, China

Title: Environmental temperature fluctuations induced response mechanism of bio-degrader *Acinetobacter pittii* C3 to fluorocorticosteroids degradation: Bioactivity, gene expression and metabolic pathways

Yan Shen, Southeast University, China

Title: Comparative study on the resistance of beta-cypermethrin nanoemulsion and conventional emulsion in *Blattella germanica*

Yu Dong, Southeast University, China

Title: Characterization of the gut microbiota in adults with coronary atherosclerosis

Anthony Kwame Morgan, Hong Kong Polytechnic University, Hong Kong

Title: Motivations, perceptions and experiences of traditional and alternative medicine-based infertility treatments in Ghana: A qualitative study

Maggie Wong Yat Cheung, Saint Francis University, Hong Kong

Title: Occupational health and safety of Hong Kong nursing students during clinical placement: A study tool development

Maggie Wong Yat Cheung, Saint Francis University, Hong Kong

Title: A review of the role of occupational health services in Hong Kong hospitals: An historical perspective and covid-19 experience

Chih-Ching Liu, National Taipei University of Nursing and Health Sciences, Taiwan

Title: Risk factors for suicide-attempt-related hospitalizations among people with dementia in Taiwan: A longitudinal population-based cohort study

Duarte Rodrigues, Paulo Sergio, National Cheng Kung University, Taiwan

Title: Understanding reform capability evolution in universal health coverage: A multiple streams analysis of Portuguese primary care (1974-2024)

Al Mahmud, Universiti Sains Malaysia, Malaysia

Title: A comprehensive ARIMA-LSTM hybrid model for accurate covid-19 time series forecasting in Malaysia

Abha singh, C.S.J.M.U P.P.N. (P.G.) College, India

Title: Psychological immunity and health among young adults

Atul Jain, Dr Ram Manohar Lohia Institute of Medical Sciences, India

Title: Comparative study on quality of life in patients with stable angina taking trimetazidine or ranolazine as add-on therapy

Rashmi Kumari, Dr Ram Manohar Lohia Institute of Medical Sciences, India

Title: Socio-demographic factors associated with poor glycemic control among type 2 diabetes mellitus patients at a tertiary health care facility: A cross-sectional study

Sumeet Dixit, Dr Ram Manohar Lohia Institute of Medical Sciences, India

Title: Impact of health promotional signages on staircase use: An interventional study at a tertiary care hospital in Lucknow

Arvind Kumar Singh, Dr Ram Manohar Lohia Institute of Medical Sciences, India

Title: Marginalized and overlooked: The health needs of street dwellers in a city of North India

Sangeeta Sharma, Institute of Human Behaviour & Allied Sciences, India

Title: Bridging the gap between evidence and practice: A national level initiative to implement Standard Treatment Guidelines (STGs) in clinical practice

Kamruzzaman, Chandigarh University, India

Title: Utilization of information technology systems for regional healthcare information exchange and coordination during large-scale medical surge events.

Naomie Rushat Mredha, AIIMS, India

Title: The effect of basic life support training on willingness in performing bystander hands-only cardiopulmonary resuscitation among high school students in Patna, Bihar

Vanisree Ramanathan, Dr. Vishwanath Karad MIT-World Peace University, India

Title: Exploring postpartum depression in Mumbai's slum-dwelling mothers: Unraveling the interplay of social, obstetric, and spousal factors through a community-based cross-sectional study

Redolen Rose Dhar, Manipal Academy of Higher Education, India

Title: Economic impact of cancer care on tribal families in Meghalaya, India: A cross-sectional study

Madhusudan kushalappa Kaikure, A.J. Institute Of Dental Sciences, India

Title: Aesthetic and functional rehabilitation of a child with complete anodontia in primary and mixed dentition stage: A case report with 4-year follow-up

Mansi Sonkar, IIT Roorkee, India

Title: Structures of domination and intersectional identities: A study of trans* persons health outcome in Prayagraj city, India

Yamileth Ortiz-Gomez, Universidad El Bosque, Colombia

Title: Validation of a psychometric instrument on psychosocial factors in juvenile offenders in Colombia

Maryam Mansuri, Berlin school of Business and Innovation, Colombia

Title: Transformative approach of metaverse in healthcare: Global access, patient care and education

Mathusha Sabhanayakam, Wayamba University of Sri Lanka, Sri Lanka

Title: The knowledge and practices on food and nutrition among preschool teachers in Mannar, Sri Lanka

Rasool Ferasat, Azad University, Iran

Title: Prevention of musculoskeletal disorders: The role of biomechanics in public health interventions

Ali Abbaszade-Cheragheali, Torbat Heydariyeh University of Medical Sciences, Iran

Title: Examining the impact of public health strategies on chronic disease control: A study from developing countries

Zahra Ghasemi, Shahid Beheshti University of Medical Sciences, Iran

Title: Health-related quality of life among Iranian women with uterine fibroids: A cross sectional study

Mathato Palesa Chetane Aumane, National University of Lesotho, Liberia

Title: Utilizing health system male inclusive approach in HIV and maternal and child health services: Improved male partner, family and community transdisciplinary strategy

Zubair Ahmed, Government of Balochistan, Pakistan

Title: Role of community engagement in prevention and control of dengue fever outbreak district Kech, Balochistan, Pakistan-March 2024

Fahmida Faizha Shama, National Institute of Preventive and Social Medicine, Bangladesh

Title: Comparison on knowledge on health insurance between urban and rural elderly people

Md. Hafiz Iqbal, Government Edward College, Bangladesh

Title: Telemedicine and geriatric care during the COVID-19 Pandemic in Pabna city of Bangladesh: A non-parametric analysis

Ahmad Pohin, NEPI/ MoPH, Afghanistan

Title: Immunization current situation among children under 2 years and CBA women 15 – 49 years of Afghanistan in 2022 – 2023

Sheillah Hlamalani Mboweni, University of South Africa, South Africa

Title: Determinants associated with advance HIV disease among adults-initiated ART in Ethiopia

Dachraoui, Pasteur Institute Of Tunis, Tunisia

Title: Microneutralization-based seroprevalence of West Nile virus infection in horses during the 2023 outbreak in Tunisia, North Africa

Caliph Kirui, African Population Health Research Center, Kenya

Title: Exploring consumer understanding and perceptions of front-of-pack labelling of foods and non-alcoholic beverages in Kenya

Christine Sayo Otinga, Ipas, Kenya

Title: Using digital media to disseminate SRHR information in the face of rising anti-rights movements in Kenya

Emiliana L Myovela, Sokoine University of Agriculture, Tanzania

Title: Assessment of knowledge, attitude and practice regarding human influenza (flu): A case study of the urban population in hospital settings in Dodoma, Tanzania

Jacqueline Materu, National Institute for Medical Research, Tanzania

Title: Copula model for joint modelling of correlated time-to-event outcomes: Age at first sex and age at first marriage among youth in Tanzania

Themba Matsebula, Young Heroes Organisation, Swaziland

Title: Investigating the correlates of HIV disclosure and condom use among sexually active young women living with HIV/AIDS in Eswatini

David Kep Polomia, Health: Enga Provincial Health Authority, Papua New Guinea

Title: The challenges of primary health care providers and the facilities of kandep district

IniAbasi Nglass, UNIMAID, Nigeria

Title: The place of Spot check in public health campaigns

Lubega Martin, Makerere University, Uganda

Title: Role of community-based health clubs in promoting diabetes self-care management, An interventional study in Uganda

Ojoro Valentine, Makerere University, Uganda

Title: Factors associated with management of pneumonia among children by community health workers in Abim district, Uganda

Obeny Jackie Patience, Joint Clinical Research Centre, Uganda

Title: Knowledge and practices of in-school adolescent girls regarding menstrual hygiene management in Barapwo Parish, Lira district, Uganda

Benigna Gabriela Namara, Uganda National Institute Of Public Health, Uganda

Title: Diagnostic practices and associated factors among TB patients in Uganda, 2022

Benigna Gabriela Namara, Uganda National Institute Of Public Health, Uganda

Title: Food poisoning outbreak caused by bacillus cereus at a secondary school in Uganda, July 2023

Thaoussi Uwera, University of Rwanda, Rwanda

Title: Facilitation strategies for improved use of an electronic immunization registry in Rwanda: An implementation research study

Gurmesa Tura Debelew, Emory University Ethiopia Country Office, Ethiopia

Title: The effect of Catchment-Based Clinical Mentorship (CBCM) on Primary Health Care (PHC) facilities' readiness: The case of afar and Benishangul Gumuz regions of Ethiopia

Abebaw Bitew, Debre Markos University, Ethiopia

Title: Prevalence and antimicrobial susceptibility pattern of Vibrio cholerae isolates from cholera outbreak sites in Ethiopia

Abebaw Bitew, Debre Markos University, Ethiopia

Title: Whole genome sequence analysis of Vibrio cholerae isolates responsible for cholera outbreak in Ethiopia

Clement Avoka, Ghana Health Service, Ghana

Title: Mapping evidence on HIV-positive status awareness among key and vulnerable populations in Sub-Saharan Africa

Cliff Pada, Health Promotion, Solomon Islands

Title: Innovation in public health

Ariel Klinghoffer, George Washington University, United States

Title: Joint exposures to volatile organic compounds and polycyclic aromatic hydrocarbons: Associations with depression in adults

Jasmine King, The Ohio State College of Medicine, United States

Title: Retrospective analysis of medication for opioid use disorder integration within a privately funded, urban street medicine program

Neeraj Wadhwa, Los Angeles County Department of Public Health, United States

Title: Fentanyl overdose harm reduction intervention: A quasi-experimental study in Southern California

Getachew Dagne, University of South Florida, United States

Title: Geospatial mapping and assessment of risk factors for colorectal cancer at small area

Heather Butts, Columbia University Mailman School of Public Health, United States

Title: Untold stories

Evgeny Pokushalov, Triangel Scientific, United States

Title: Efficacy of AI-guided dietary supplement prescriptions versus traditional methods for lowering ldl cholesterol: A randomized parallel-group pilot study

Evgeny Pokushalov, Triangel Scientific, United States

Title: Optimizing glycemic control with AI-guided dietary supplements: A randomized trial in type 2 diabetes

Minna Chang, Epsom & St Helier NHS Trust, United Kingdom

Title: Depression as a terminal illness – Is there a place for palliative care?

Delgadillo Valero Jose Armando, Instituto Nacional de Salud Pública, Mexico

Title: Prevalence of urinary incontinence in older adults in Xochitepec, Morelos

Juan Luis Delgado Gallegos, National Institute of Public Health, Mexico

Title: Municipal program for comprehensive care (ProMAI) for older adults in Xochitepec, Morelos

Gregory Lauar e Souza, Mater Dei Hospital, Brazil

Title: Tracking the increase: mortality rates for gastric, pancreatic, and colorectal cancers in Brazil over 14 years

Cristiane Campos Monteiro, Secretaria Municipal De Saude De Betim, Brazil

Title: Factors associated with death from congenital syphilis in a municipality of Minas Gerais, Brazil, 2010 to 2018

Malgorzata Szczuko, Pomeranian Medical University, Poland

Title: The interdisciplinary care for PCOS patients

Hadeel, King Abdullah bin Abdulaziz University Hospital, Saudi Arabia

Title: Impact of early outpatient follow-up on acute care utilization and readmission rates in stroke patients: A retrospective cohort study

Jiayue Guo, Peking Union Medical College, China

Title: The current situation and internal pathway of health literacy among Chinese primary school students

Weifang Ma, College of Environmental Science & Engineering Beijing Forestry University, China

Title: Identification of the major influencing factors from meteorological elements and air pollution on respiratory diseases and practical preventive suggestions

Chih Han Yang, Shu-Te University, Taiwan

Title: Exploring the impact of parental guidance strategies on the risk of online grooming in children and adolescents

Parul Jain, King George's Medical University, India

Title: Diabetes mellitus and human immunodeficiency virus infection in active tuberculosis patients: A hospital based cross sectional study from India

Atin Singhai, King George's Medical University, India

Title: Atypical presentations of cutaneous tuberculosis: Series of 10 cases

Danita Hingston, Health Systems Trust, South Africa

Title: Using photovoice to evaluate a covid-19 vaccination initiative: perspectives from healthcare workers and community members in KwaZulu-Natal, South Africa

Moses DJIMATEY Barima, Ghana Health Service, Ghana

Title: Transnasal brain sampling for human rabies diagnosis

Alebel Yaregal Desale, Clinton Health Access Initiative, Ethiopia

Title: Decentralizing oxygen availability and use at primary care level for children under-five with severe pneumonia, at 12 Health Centers in Ethiopia: A pre-post non-experimental study

Dagmawit, Addis Continental Institute of Public Health, Ethiopia

Title: Self-rated health status of the adult population in Addis Demographic Surveillance System (Addis-HDSS), Addis Ababa, Ethiopia