

11th

Annual Conference of IHEPA

Health Policy: Advancing Research and Communication JANUARY 18-19, 2024

■ Day 1: 18 January, 2024 ○ 08:45 am to 10:00 am

Technical Session 1A Data Science and Geo-Spatial Analytics

Chair: Dr. Prasad Pathak, Associate Dean-Research & Associate Professor, Environmental Studies, FLAME University (Pune)

Co-Chair: Dr. T R Dilip, Associate Professor, IIPS Mumbai

Discussant: Dr. Bevin Vinay Kumar V.N., Assistant Professor, Azim Premji University (Bhopal)

Efficiency of Primary Health Care Centres in Madurai District, Tamil Nadu – A Geospatial Approach

Dr. P Devi Priya, Lady Doak College, Madurai, Tamil Nadu

Development and Comparison of Generalised Spatiotemporal and Hierarchical Time Series Forecasting Models for Dengue Using Routine Health, Socio-Economic, Space Programs, and Satellite Imagery Datasets: An Open-Source Data Science Project

Dr. Gurpreet Singh, Achutha Menon Centre for Health Science Studies (AMCHSS), Trivandrum

Child Malnutrition in 53 Metropolitan Cities of India: A Geospatial Approach

Dr. Rakesh Kumar, Institute of Economic Growth, New Delhi

Optimizing Spatial Health Accessibility: A Two-Step Floating Catchment Area (2SFCA) Case Study of the Banaskantha District

Mr. Vijay Kumar, Institute of Rural Management, Anand, Gujarat

Technical Session 1B Political Economy of Health - I

Chair: Prof. Mala Ramanathan, Senior Professor, SCTIMST University, Thiruvananthapuram

Co-Chair: Dr. Vishal Chowdhury, Assistant Professor, Department of Economics, FLAME University (Pune)

Discussant: Dr. Sunil Nandraj, Former Consultant, World Health Organization

Transforming Healthcare Procurement Policy in Madhya Pradesh, India

Ms. Arunima Singh, Hospital Administration, Directorate of Health Services, Madhya Pradesh

Do Intergovernmental Transfers Equalize Public Healthcare Expenditure Across Indian States?

Ms. Aswathy M A, Gulati Institute of Finance and Taxation, Thiruvananthapuram

Impact of Supplementary Nutrition Programme (SNP) on Minimum Dietary Diversity (MDD) among Children Aged 6-23 Months

Ms. Swati Singh, Institute of Economic Growth, Delhi

A Climate of Concern: Policy Strategies for Safeguarding Children's Mental Well-Being in the Face of Climate Crisis

Dr. Sahana Nujella, NIMHANS Bengaluru

Technical Session 1C Health Behaviour and Practices - I

Chair: Dr. Shweta Khandelwal, Senior Advisor (Nutrition), JHPIEGO

Co-Chair: Dr. Tulika Tripathi, Associate Professor, Central University of Gujarat

Discussant: Dr. Sunu C Thomas, Assistant Professor, Amrita Institute of Medical Sciences, Kochi

A Qualitative Exploration of Determinants of Health-Seeking Behaviour among Families in Urban Patna Ms. Puja Krishna, IIT Patna, Patna

Is there any impact of the Cigarette Packet Pictorial Warning?

Dr. Siddhartha K Rastogi. IIM Indore

Clearing the Air: Exploring the Relationship Between Air Pollution and Mental Health through a Policy Lens Ms. Gauri Mullerpatten, NIMHANS Bengaluru



Technical Session 1D Health Programmes and its Impact

Chair: Prof. D Narayana, Former Director, Gulati Institute of Finance and Taxation (GIFT)

Co-Chair: Dr. Subrata Mukherjee, Associate Professor, IDS Kolkata

Discussant: Dr. Joyita Roy Chowdhury, Assistant Professor, FLAME University, Pune

The Impact of "Mission Indradhanush" Programme on Maternal and Child Vaccination Utilization in Selective States in India: A Difference in Difference Approach

Dr. Sarajit Ankura, Bijoy Krishna Girls' College, Howrah, West Bengal

Supporting Government of India in Ensuring Optimum Iodine Nutrition: A Public Health Program Success Story Mr. Ranjan Jha, Nutrition International, Delhi

A Cross-Sectional Analysis of the Poshan Sudha Yojana in Gujarat: Understanding Awareness, Service Utilization and Impact Association among Pregnant Women and Breastfeeding Mothers

Dr. Narendra Patel, Institute of Economic Growth, Delhi

Publicly Funded Health Insurance Schemes and Health Security Coverage for Inpatient Care in India: Evidence from National Family Health Survey, 2019-21

Mr. Abhishek Anand, International Institute for Population Sciences, Mumbai

■ Day 1: 18 January, 2024 ○ 03:30 pm to 04:30 pm

Technical Session 2A Health Financing - I

Chair: Prof. Vinod B Annigeri, Former Director, CMDR Dharwad

Co-Chair: Prof. D Narayana, Former Director, Gulati Institute of Finance and Taxation (GIFT)

Discussant: Dr. Debasis Rooj, Associate Professor, FLAME University, Pune

Rural-Urban Differential in Hardship Financing in India: A Fairlie Decomposition Analysis

Ms. Arya Rachel Thomas, Indian Institute of Technology, Madras

Out of Pocket Expenditure Before Reporting for Treatment at a Cancer Hospital in India: The Case of Stomach and Pancreatic Cancer Patients

Mr. Mohit Kumar Pandey, International Institute of Population Sciences, Mumbai

An Assessment of Equity in the Distribution of Health Care Benefits in India. Who Benefits from Public Health Care Subsidies?

Ms. Neethu E. Central University of Kerala. Perive

Technical Session 2B Nutrition - Undernutrition - I

Chair: Prof. R B Bhagat, Professor (Retd), IIPS, Mumbai

Co-Chair: Dr. Rudra Narayna Mishra, Assistant Professor, GIDR Ahmedabad Discussant: Dr. Shweta Khandelwal, Senior Advisor (Nutrition), JHPIEGO

Is Income More Relevant than Education? Dynamics of Determinants of Inequality in Child Stunting Indicators in India, 2006-21

Mr. Prateek Singh, Institute of Economic Growth, Delhi

Blessing in Disguise? Parental Migration and Child Undernutrition in India

Ms. Rinju, Tata Institute of Social Sciences, Mumbai

Delineating the Concordance Between Parental and Childhood Anemia: An Analysis of 1,83,880 Mother-Child Pairs in India, 2019-21

Ms. Shreya Ronanki, FLAME University, Pune

Technical Session 2C Health in Maharashtra - I

Chair: Dr. Vijaya L Hebbare, Governing Council Member, IHEPA

Co-Chair: Dr. Tulika Tripathi, Associate Professor, Central University of Gujarat

Discussant: Prof. R Nagarajan, IIPS (Mumbai)

Unpacking Healthcare Access for Mothers and Children in Mumbai Insights from a Community-Based Landscape Analysis

Dr. Cheryl Nathanel Anandas, Apnalaya, Mumbai

Accredited Social Health Activists and COVID-19 with Special Reference to Kohlapur District, Maharashtra State

Dr. Pratibha B Desai, Shivaji University, Kolhapur, Maharashtra

Examining the Negative Externalities of Alcohol Prohibition in India with a Focus on Dropout Rates in Chandrapur District, Maharashtra, and Bihar

Ms. Jahnavi Sant, FLAME University, Pune

Technical Session 2D Nutrition - Maternal and Child Health - I

Chair: Prof. Manisha Karne, Director and Professor, Mumbai School of Economics and Public Policy

Co-Chair: Dr. Salim Shah, Associate Professor, Tripura University

Discussant: Dr. Subrata Mukherjee, Associate Professor Institute of Development Studies, Kolkata

Child's Health, Indian Sanitation System and its Efficiency: An Evaluation Through Spatial Econometric Analysis

Dr. Debasree Bose, Krishnagar Government College, West Bengal

Differential Impact of Public Health Expenditure on Maternal and Child Health Outcome in India Dr. Joseph T J, Central University of Kerala, Periye

The Association Between IFA Coverage and Child Birth Outcomes among the Anemic and Non-Anemic Pregnant Women in India: An Evidence from NFHS-5

Dr. William Joe, Institute of Economic Growth, Delhi

■ Day 1: 18 January, 2024 ⊗ 04:30 pm to 05:30 pm

Technical Session 3A Health Financing - II

Chair: Prof. S K Godwin, Professor, Governemnt Women's College, Thiruvanathanthapum

Co-Chair: Dr. Reshmi Sengupta, Associate Professor, FLAME University, Pune

Discussant: Dr. T R Dilip, Associate Professor, IIPS Mumbai

Burden of Distress Healthcare Financing on Indian Households Insights from National Sample Survey, 2017-18

Ms. Sneha Gupta, FLAME University, Pune

Blended Finance for Strengthening the Health Finance System and Achieving Universal Health Coverage in India

Ms. Sangeetha S, Pondicherry University, Puducherry

Government Health Expenditure, Utilisation of Government Hospitals and Household Vulnerability to Poverty: A study of Indian States

Ms. Priyanka Dasgupta, PES University, Bengaluru

Technical Session 3B Nutrition - Undernutrition - II

Chair: Prof. Sayeed Unisa, Prof. (Retd.), IIPS (Mumbai)

Co-Chair: Dr. Monika Sawhney, Associate Professor, University of North Carolina (USA) & Academic Advisor,

FLAME University

Discussant: Dr. Sunil Rajpal, Assistant Professor FLAME University, Pune

Level, Trend, and Pattern of Undernourished Father-Mother-Child Pairs in India

Ms. Pooja Arora, International Institute of Population Sciences, Mumbai

Socio-Economic Inequality and Child Malnutrition: A Comparative Analysis of Geographical Regions in Maharashtra, India

Mr. Rushikesh Khadse, International Institute of Population Sciences, Mumbai

Interlinkages of Enabling Determinants of Child Undernutrition in India: A Causal Loop Framework

Mr. Ashmy Tom, Madras School of Economics, Chennai

Technical Session 3C Health in Maharashtra - II

Chair: Dr. Ramna Thakur, Associate Proessor, IIT Mandi

Co-Chair: Dr. Anirvan Chatterjee, Co-Founder and CEO, HaystackAnalytics Private Limited

Discussant: Dr. Mayanka Ambade, Assistant Professor, IIT Mandi

Experience and Management of Menstruation and its Implications in the Lives of Rural Agrarian Women in Maharashtra

Dr. Manjari Sinha, Symbiosis Institute of Health Sciences, SIU, Pune

Prevalence of Financial Hardship among Breast Cancer Survivors in Maharashtra, India

Dr. Abhilash Patra, Indian Institute of Public Health, Hyderabad

Public Health Infrastructure and Quality of Life - A Case Study of Mumbai

Dr. Rajesh Bhoite, Al's Akbar Peerchoy College of Commerce and Economics, Mumbai

Technical Session 3D Nutrition - Maternal and Child Health - II

Chair: Dr. Rajan Sankar, CEO, Partnerships for Impact (P4i)

Co-Chair: Dr. Abhishek Kumar, Consultant, Institute of Economic Growth, Delhi Discussant: Dr. Shweta Khandelwal, Senior Advisor (Nutrition), JHPIEGO

Determinants of Delayed Initiation and Non-Exclusive Breastfeeding among Children in India: Insights from the National Family Health Survey, 2019-21

Mr. Indrajit Goswamy, International Institute of Population Sciences, Mumbai

Quality of Care (QoC) Landscape of India for Maternal and Newborn Health (MNH) Care Delivery

Dr. Nabhojit Dey, Adroit Associates, USA

A Model for Community-Based Management of Uncomplicated Severe Acute Malnutrition (CSAM) Amongst Children Aged 6-59 Months Using Locally Available Healthcare Resources in an Urban Slum of Mumbai

Dr. Neha Shet, Seth GS Medical College and KEM Hospital, Mumbai

Prevalence and Predictors of Elective and Emergency C-Section for First and Subsequent Birth Order in India

Ms. Komal Ahluwalia. Institute of Economic Growth. Delhi

■ Day 2: 19 January, 2024 🛇 08:45 am to 10:00 am

Technical Session 4A Morbidity and Mortality in India

Chair: Prof. U S Mishra, President IHEPA

Co-Chair: Dr. Mayanka Ambade, Assistant Professor IIT Mandi

Discussant: Dr. Abhishek Kumar, Consultant, Institute of Economic Growth, Delhi

On Assessment of Premature Mortality from a Life Table Construct: An Indian Exploration

Mr. Bikash Kumar Behera, Sambalpur University, Odisha, India

Multimorbidity in India Prevalence, Healthcare Utilization, Financial Burden, and Equity among Adults over Age 30

Dr. Sudheer Kumar Shukla, Health Systems Transformation Platform (HSTP), Delhi

Influence of Migration Status and Intergenerational Educational Mobility on Non-Communicable Diseases Multimorbidity among Elderly Aged 45 and Above in India: Evidence from LASI Wave 1, 2017-18

Mr. Tijo George, SCTIMST, Thiruvananthapuram

Unnatural Death and its Determinants in India: Evidence Based on NFHS-5

Mr. Amit Shaw, International Institute of Population Sciences, Mumbai

Technical Session 4B Elderly Health and Healthcare

Chair: Prof. Mala Ramanathan, Senior Professor, SCTIMST University, Thiruvananthapuram

Co-Chair: Dr. Sunil Raipal, Assistant Professor FLAME University, Pune

Discussant: Prof. Sayeed Unisa, Prof. (Retd.), IIPS (Mumbai)

Growing Old in India Mapping Health and Social Welfare Policy Responses on Aging Dr. Anu Mohan, Prasanna School of Public Health Manipal Academy of Higher Education, Manipal

The Cost of Healthcare and Productivity Loss Associated with Cardiovascular Diseases among Older Adults in India

Ms. Gayathri B, IIT Mandi, Himanchal Pradesh

Insights into Cataract Prevalence and Treatment Disparities among Older Adults in India

Mr. Rajeev Ranjan Singh, International Institute of Population Sciences, Mumbai

Exploring Gender Disparities in Leisure-Time Physical Activity among Older Adults in India Insights from WHO SAGE Data

Mr. Ali Abbas Rizvi, International Institute of Population Sciences, Mumbai

Technical Session 4C Health Perspectives - I

Chair: Prof. Aparna Shankar, Professor & Head, Psychology, FLAME University (Pune)
Co-Chair: Dr. Joyita Roy Chowdhury, Assistant Professor, FLAME University, Pune

Discussant: Dr. Ramna Thakur, Associate Professor, IIT Mandi

Occupational Health Hazard among Stone Quarry and Crusher Industrial Workers: A Study of Tribal Workers in West Bengal

Mr. Shibthakur Hembram, Presidency University, Kolkata

Livelihood and Status of Tobacco Processing Workers: Insights from Selected States in India

Dr. Rudra N Mishra, Gujarat Institute of Development Research, Ahmedabad

What Influences Cancer Patient's Mental Wellbeing? An Analysis with Structural Equation Modelling Mr. Shubham Ranjan, IIT Mandi

Determinants of Behavioural Adaptation to Physical Activity and Diet in a Low Income Neighbourhood: A Qualitative Study among Individuals with Hypertension and Diabetes in Southern India

Dr. Nilanjan Bhor, IIHMR University, Guwahati, Assam

Technical Session 4D Health Behaviour and Practices - II

Chair: Dr. Salim Shah, Associate Professor, Tripura University

Co-Chair: Dr. Yashobanta Parida, Assistant Professor, FLAME University, Pune

Discussant: Dr. Bevin Vinay Kumar V N, Assistant Professor, Azim Premji University (Bhopal)

Integrating Social Determinants of Health in Addressing DR-TB

Ms. Devabala Smitha, FLAME University, Pune

Clustering of Health Behaviours among Older Adults in India

Mr. Omkar Joshi, FLAME University, Pune

Factors Affecting Healthcare Utilization Patterns among Family Caregivers of the Elderly in India

Ms. Arsha Kochvilayil, SCTIMST, Thiruvananthapuram

The Changing Patterns of Nutrition among Agricultural and Non-Agricultural Occupants in India:

A Comprehensive Analysis Using National Family Health Surveys

Dr. Sabarisakthi M, Hindustan Institute of Technology and Science, Chennai

■ Day 2: 19 January, 2024 ⊙ 03:15 pm to 04:15 pm

Technical Session 5A Healthcare Costing - I

Chair: Prof. Vinod B Annigeri, Former Director, CMDR

Co-Chair: Dr. Subrata Mukherjee, Associate Professor, IDS Kolkata

Discussant: Dr. Yashobanta Parida, Assistant Professor, FLAME University, Pune

Cost-Effectiveness Evaluation of Public and Private Healthcare Systems in India among Tuberculosis Patients

Mr. Ajit Kumar Jaiswal, International Institute of Population Sciences, Mumbai

Cost-Effectiveness Analysis of Unilateral Cochlear Implants for Children in Bengaluru Urban District

Dr. Bhalangki Kupar Kharmawphlang, Department of Community Medicine, ESIC Bengaluru

Eliciting Preference for Health Micro-Insurance among Rural Households: An Investigation in Purulia District of West Bengal

Dr. Souvik Dasgupta, Sidho-Kanho-Birsha University, Purulia, West Bengal

Technical Session 5B Health Equity - I

Chair: Dr. Vijaya L Hebbare, Governing Council Member, IHEPA

Co-Chair: Prof. R Nagarajan, IIPS (Mumbai)

Discussant: Dr. Sunu C Thomas, Assistant Professor, Amrita Institute of Medical Sciences, Kochi

Exploring Gaps in Measles Vaccination in India: An Obstacle in Path of Measles Elimination Goal

Mr. Ajay Kumar Verma, Banaras Hindu University, Varanasi

Health System Resilience and Equity in India Dynamics of Institutional Births During COVID-19 Pandemic

Mr. Anirudhan P Edathil, Institute of Economic Growth, Delhi

The Impact of Healthcare Privatization on Health Inequality in India: A Special Reference to Tamil Nadu Dr. Paramasivam P, Hindustan Institute of Technology and Science, Tamil Nadu

Technical Session 5C Nutrition - Overweight and Obesity

Chair: Prof. S V Subramanian, Professor of Population Health and Geography, Harvard University, USA

Co-Chair: Dr. Rudra Narayna Mishra, Assistant Professor, GIDR Ahmedabad

Discussant: Dr. Monika Sawhney, Associate Professor, University of North Carolina (USA) & Academic Advisor,

FLAME University

Predicting the Impact of Introducing Front of Package Warning Labels on Overweight and Obesity Reduction among Adolescents (15-19 Years) in India Using a Stochastic Microsimulation Model

Dr. Abhishek Kumar, Institute of Economic Growth, Delhi

Consumption of High in Fat, Salt, and Sugar Foods

Mr. Indrajeet Kumar, Institute of Economic Growth, Delhi

Modeling the Impact of Obesity Reduction on the Prevalence of Hypertension in India: A Discrete-Event Microsimulation Approach

Mr. Akif Mustafa, International Institute of Population Sciences, Mumbai

Technical Session 5D Gender in Health

Chair: Prof. Sayeed Unisa, Professor (Retd), IIPS, Mumbai Co-Chair: Prof. R B Bhagat, Professor (Retd), IIPS, Mumbai

Discussant: Prof. Mala Ramanathan, Senior Professor, SCTIMST University, Thiruvananthapuram

Does Natural Disaster-Induced Male Unemployment Increase Violence Against Women?

Empirical Evidence from India

Dr. Joyita Roy Chowdhury, FLAME University, Pune

Skill Gap in Out-of-School Adolescents' Girls and its Association with Successful Work Transition in India

Dr. Basant Kumar Panda, Population Council Consulting, Delhi

Low Fertility in India Women's Choices or State Prerogatives: An NFHS Analysis

Mr. Roni Sikdar, International Institute of Population Sciences, Mumbai

Hidden Struggles and Empowerment: Unmasking the Relationship Between Spousal Violence and Contraceptive Choices in India

Dr. Sharad Sule, Gokhale Institute of Politics and Economics, Pune

Day 2: 19 January, 2024 ⊗ 04:15 pm to 05:15 pm

Technical Session 6A Healthcare Costing - II

Chair: Dr. Reshmi Sengupta, Associate Professor, FLAME University, Pune

Co-Chair: Dr. Abhishek Kumar, Consultant, Institute of Economic Growth, Delhi

Discussant: Dr. T R Dilip, Associate Professor, IIPS Mumbai

Costing Hospital Services in the Private Health Sector: A Case Study from Kerala, India

Prof. Godwin S K, Government College for Women, Thiruvananthapuram, Kerala

Assessing the Financial Burden: A Comprehensive Study of Cancer-Related Premature Mortality and its Effects on India's Economic Productivity

Mr. Koushik Roy Pramanik, International Institute of Population Sciences, Mumbai

Conditional Cash Transfers and Early Marriage in India: Understanding the Complex Web of Education, Empowerment, and Gender Disparities

Ms. Soumi Mukherjee, Institute of Development Studies, Kolkata

Technical Session 6B Health Equity - II

Chair: Dr. Debasis Rooj, Associate Professor, FLAME University, Pune

Co-Chair: Dr. Bevin Vinay Kumar V N, Assistant Professor, Azim Premji University (Bhopal)

Discussant: Dr. Sunil Raipal, Assistant Professor FLAME University, Pune

Inequalities in the Utilisation of Reproductive, Maternal, Newborn, and Child Health Interventions within Scheduled Tribes in India: An Analysis of Odisha and Jharkhand

Ms. Rekha S. Indian Institute of Technology, Madras

Socio-Economic Inequities in Maternal Healthcare Utilization: A Comparative Study Between Uttar Pradesh and Kerala

Ms. Vaishali Singh, Lucknow University, Lucknow

Technical Session 6C Health Perspectives - II

Chair: Dr. Dr. Tulika Tripathi, Associate Professor, Central University of Gujarat

Co-Chair: Dr. Rituparna Kaushik, Assistant Professor, Department of Economics, FLAME University (Pune)

Discussant: Dr. Mayanka Ambade, Assistant Professor IIT Mandi

Psychological Implications of Employment Status and Social Media Use among Higher Educated Youth During Covid-19 Pandemic: A Study in Kolkata City

Mr. Mohai Meenul Biswas, International Institute of Population Sciences, Mumbai

Who Gets Cited? Examining Territoriality in the Social Sciences and Health Scholarship

Mr. Omkar Joshi, FLAME University, Pune

Student-Driven Research Acumen in Healthcare Management Education: From Classroom to Contribution Ms. Purva Gulrandhe, IIHMR University, Rajasthan

Technical Session 6D Political Economy of Health - II

Chair: Dr. Sunil Nandraj, Former Consultant, World Health Organization Co-Chair: Dr. Arpan Ganguly, Assistant Professor, Department of Economics

Discussant: Dr. Salim Shah, Associate Professor, Tripura University

Not Price but Hospital Reputation and Beyond: A Study of the Demand for Tertiary Healthcare for a Healthcare Deficient State of Tripura

Ms. Pubali Das, Tripura University, Agartala

Beyond Remittances: The Effect of Parental Migration on the Psychological Health of the Left Behind Children in Rural West Bengal

Dr. Monalisha Chakraborty. IIT Bombay

Distributive Politics of the Central Government with the Health Budget Ms. Aswathy M A, Gulati Institute of Finance and Taxation, Thiruvananthapuram

Alcohol Consumption and Differential Response to Price and Income in Southern India Ishan Janbandhu, Gokhale Institute of Politics and Economics, Pune



