International Conference on Epidemiologic Research

March 11-15, 2018

Schedule

Pre-Conference, March 11, 2018	
13:30 - 14:00	Registration
14:00 - 14:20	**Session I: (Chair: Dr. Mahesh Maskey and Dr. Anjani K Jha)** **Overview of Epidemiological Research and Courses in Nepal (Dr. Rajendra BC, NPHF/ Dr. MeghnathDhimal, NHRC)**
14:20 - 15.00	Panel discussion [Dr. Sharad Raj Onta, Dr. Reuben Sameul, Dr. Shree Krishna Giri, Dr. RajendraKoju]
15:00 - 15:20	Floor discussion
15:20 - 15:30	Closing remarks by Chair
15:30 - 16:00	Tea/Coffee Break
16:00 - 17:00	**Session II: Disaster Epidemiology (Chair: Dr. Midori Sato, Unicef and Dr. Rajendra Pant)**
16:00 - 16:20	Paper I: Epidemiology in Disaster Prevention, management in Nepal by Dr. Bhim Acharya, Director, EDCD
16.20 - 16.40	Paper II: Role of UNICEF in Disaster Epidemiology and Health System Strengthening in Nepal: Examples from 2015 Earthquake by Ms. Chahana Singh, Unicef Nepal
16:40 – 17:00	Paper III: Influenza Seasonality in Kathmandu: Evidence from Seven Years of Surveillance by Dr. Kedar Baral, Patan Academy of Health Sciences
17:00 – 17:20	Floor Discussion
17:30 – 19:20	**Session III: Nutritional Epidemiology (Chair: Dr. Tirtha Rana, NPHF and Mr. Pradiumna Dahal, UNICEF)**
17:30 -17:50	Paper I: Maternal and Child Nutrition in Nepal: Examining drivers of progress from the mid-1990s to 2010s by Dr. Kenda Cunningham/Dr. Pooja Pandey Rana, Helen Keller International
17:50 -18:10	Paper II: Newer Challenges in Nutrition by Dr. Ramesh Kant Adhikari, Professor (Retd.),Institute of Medicine
18:10 – 18:40	Paper III:An Epidemiological Approach to Understand the Relationship between Maternal Exposure to Mycotoxins, Birth Outcomes, and Stunting in Infants: A Birth Cohort Study in Nepal by Dr. Robin Shrestha, Nutrition Innovation Lab
18:40 - 19:00	Floor Discussion
19:00 -19:10	Closing remarks

Conference Day, March 12, 2018	
08:00 -09:00	Registration
09:00 - 11:10	**INAUGURAL SESSION: (Chief Guest: Secretary of Health, Chair: Dr. Mahesh Maskey)**
09:00 - 09:10	Welcome and Introduction of Dr. Kenneth J. Rothman: Dr. Mahesh Maskey
09:10 - 10:10	Oration on "Persistent Misconceptions in Epidemiological Research" by Dr. Kenneth J Rothman
10:10 - 10:20	Address by Chief Guest
10:20 - 10:35	Vote of Thanks by Dr. Anjani K Jha (Executive chair, NHRC)
10:35 - 10:40	Closing remarks by Dr. Mahesh K Maskey
10:40 – 11:10	Tea/Coffee break
11:10 - 13:10	**SESSION II: 'Epidemiologic Methods for Maternal and Child health Research' (Chair: Dr. Elizabeth Hatch, BUSPH and Dr. Ganesh Dangal , NESOG)**
11:10 -11:40	Key note speech: "New approaches to the assessment of vaccine herd protection" (Dr. John David Clemens, Executive Director, icddr,b)
11:40 – 12:00	Floor Discussion
12:00 -12:20	Paper I: Field test results of the motherhood method to measure maternal mortality: Dr. Mahesh Maskey, NPHF
12:20 -12:40	Paper II: Outcome of Surfactant Replacement Therapy in Preterm babies with Hyaline Membrane Disease at Kathmandu Medical College Teaching Hospital (KMCTH) by Dr. Sunil Raja Manandhar, KMCTH
12:40 -13:00	Paper III:Maternal and Perinatal Death Surveillance and Response: Accountability and Quality Improvement by Dr. Meera Thapa Upadhyay, WHO Nepal
13:00 – 13:20	Floor Discussion
13:20 - 13:30	Closing remark
13:30 - 14:30	Lunch
14:30 – 17:10	**SESSION III: 'Epidemiologic Methods for Non Communicable Diseases (NCDs) Research' (Chair: Dr. BhagwanKoirala and Dr. Nilambar Jha)**
14:30 – 15:00	Key note speech: "Applying the Principles of Population Health Science to Questions of Consequence to address the SDGs" by Dr. Sandro Galea, Boston University School of Public Health
15:00 – 15:20	Floor Discussion
15:20 - 15:40	Paper I: Opportunities and challenges of conducting cardiovascular disease research in low-income settings by Dr. Rajendra Koju, Kathmandu University School of Medical Sciences
15:40 – 16:00	Paper II: Exploration of Breakthrough of Non-Communicable Diseases toward achieving SDGs by 2030 by Prof. Dr. Sharmeen Yasmeen, Vice-Chair, Public Health Foundation of Bangladesh
16:00 – 16:20	Paper III: Diabetes Experiences in Nepal by Dr. Jyoti Bhattarai, Nepal Diabetes Thyroid and Endocrine Centre
16:20 – 16:40	Paper IV: Health Demographic Surveillance system for monitoring Non-communicable Diseases in a low-cost setting: An example of evidence to action in Bhaktapur, Nepal by Dr. Abhinav Vaidya, Kathmandu Medical College

16:40 – 17:00	Floor Discussion
17:00 -17:10	Closing remarks
17:10 -18:00	**CONFERENCE CLOSING SESSION (Chair: Dr. Mahesh Maskey, Nepal Public Health Foundation)**
17:10 – 17:20	Closing Remarks

Training Workshop	
March 13, 2018 (Tuesday)	
08:30 - 09:00	Registration
09:00 - 09:30	Opening remarks and course introduction (MM)
09:30 - 10:45	Causation and Causal Inference (KJR)
10:45 - 11:00	Tea/Coffee Break
11:00 - 12:15	Epidemiological Measures of Occurrence and Effect (EH)
12:15 - 13:30	Lunch
13:30 - 14:30	Small Group Discussion: Estrogens and Endometrial Cancer
14:30 - 15:00	Group Presentation/Plenary Discussion (KJR and EH)
15:00 -16:00	Cohort Studies (EH and KJR)
16:00 - 16:15	Tea/Coffee Break
16:15 - 17:00	Cohort Studies (Continue)
March 14, 2018 (Wednesday)	
09:00 - 10:30	Case-control Studies (KJR)
10:30 - 10:45	Tea/Coffee Break
10:45 - 12:15	Principles of Study Design (EH)
12:15 - 13:30	Lunch
13:30 - 14:30	Small Group Discussion: Sanitation and Diarrhea
14:30 - 15:15	Group Presentation/Plenary Discussion (EH)
15:15 - 15:30	Tea/Coffee Break
15:30 - 17:00	Principles of Epidemiological Data Analysis (KJR)
March 15, 2018 (Thursday)	
09:00 - 10:15	Analysis of Crude Data (EH)
10:15 - 10:30	Tea/Coffee Break
10:30 - 11:15	Stratified Analysis (KJR)
11:15 - 12:15	Epidemiologic Analysis Using Multivariate Models (KJR)
12:15 - 13:30	Lunch
13:30 - 14:15	Sensitivity Analysis (EH)
14:15 - 15:00	Evaluation of Trends (KJR)
15:00 - 15:15	Tea/Coffee Break
15:15 - 17:00	Review of a published paper (Determinants of severe acute malnutrition among children under 5 years of age in Nepal: a community based case-control study) (KJR and EH)
17:00 - 17:30	Closing Session: Training certificate distribution
Note: KJR: Kenneth J. Rothman, EH: Elizabeth Hatch	