



SYMPOSIUM 1: Environmental Pharmacoepidemiology around the world: Climate change, medications, and health outcomes

Moderators

Debra Rowett, University of South Australia, Australia



Professor Rowett, Discipline Leader Pharmacy, Clinical and Health Sciences, UniSA and Director, Drug and Therapeutics Information Service (DATIS), Southern Adelaide Local Health Network. Debra is the current President of the Council of Pharmacy Schools: Australia and New Zealand. Debra serves on a number of local and state advisory committees including the Drug Utilisation SubCommittee of the Pharmaceutical Benefits Advisory Committee. Her research focuses on actively delivering services which support medicines and therapeutics decision making to optimise the outcomes from medicines and minimise the harms. She is Chief Investigator on numerous grants including the Commonwealth Department of Health Value in Prescribing Program: Biological Disease Modifying Anti-Rheumatic Drugs (bDMARD). Debra has worked extensively in the area of quality use of medicines, inter-professional practice, health policy and workforce development in Australia and internationally.

Yea-Huei Kao FISPE, National Cheng Kung University, Taiwan



Professor Yea-Huei Kao, is now a faculty member of the School of Pharmacy, and the Institute of Clinical Pharmacy and Pharmaceutical Sciences, National Cheng Kung University, Taiwan. She is one of the leading pioneers in promoting education on clinical pharmacy. She has been actively involved in regulatory affairs by serving as an expert member in various advisory committees among the Ministry of Health and Welfare. She has joined the International Society of Pharmacoepidemiology for decades and has been awarded the Fellowship since 2012. Additionally, she has served as an Associate Editor for Pharmacoepidemiology and Drug Safety, the official journal of ISPE. She is one of the founding members of the Asia Pharmacoepidemiology Network. And, after the 4th Asian Conference for Pharmacoepidemiology was successfully held in Tainan, Taiwan in 2009, she hosted the 30th Annual Conference of ISPE in Taipei in 2014.



Speakers

Soko Setoguchi FISPE, Rutgers University, USA



Soko Setoguchi, MD, DrPH is a cardiologist by training, board-certified practicing internist, and epidemiologist, is Professor of Medicine, Director of Clinical Research Education, Department of Medicine, Rutgers Robert Wood Johnson Medical School (RWJMS) and Professor of Epidemiology at Rutgers School of Public Health. She is also Director of Clinical Research Track and Co-Director of the Master of Science in Clinical and Translational Science (MS-CTS) at Rutgers School of Graduate Studies. After her medical school and training in Cardiology in Japan, she completed her doctoral training in epidemiology at the Harvard School of Public Health. She was on the research faculty at Harvard Medical School/School of Public Health and at Duke Clinical Research Institute, Duke University prior to coming to Rutgers. Dr. Setoguchi is recognized as an international leader in the field of pharmacoepidemiology and comparative effectiveness research (CER) studying the health effects of medications, medical devices, and other medical products in populations. She has a track record of NIH/PCORI/Foundation/Industry funding with research focus on pharmacoepidemiology, health service/outcome research, and CER using large databases and linkage of various databases/records within databases producing over 140 publications. She is also an clinician scientist who bridges clinical research community and method focused research community conducting applied statistical methods studies by developing and evaluating design-based methods, analytic methods in pharmacoepidemiology, and CER to combat bias in observational studies.

Chuan-Yao Lin, Academia Sinica, Taiwan



Dr. Chuan-Yao Lin is currently serving as Research Fellow in Research Center for Environmental Changes (RCEC), Academia Sinica, Taiwan. He is an editorial board member of the Journal "Atmosphere" since March 2020. In 2015-2017, he served as Secretary General, Meteorological Society of the Republic of China. He received his Ph.D. degree in Atmospheric Science from National Central University, Taiwan in 1996. His research interests include regional climate change, urban heat island effect, mesoscale meteorology, and air quality.



Shu-Ping, National Cheng Kung University, Taiwan



Shu-Ping Huang is a PhD student at School of Pharmacy, College of Medicine, National Cheng Kung University, Tainan, Taiwan. She obtained a master's degree in clinical pharmacy from National Taiwan University. She has more than 10 years of experience as a clinical pharmacist in a medical center. She served as a vice director for IRB administrative center at Changhua Christian Hospital. Her personal research interests are on issues related to the health of older adults. With professional experience in clinical pharmacy and research ethics, Shu-Ping Huang is now devoted in the field of pharmacoepidemiology. Currently, under the guidance of Professor Yea-Huei Kao Yang, she is involved in the research on the interaction of drugs and climate change, especially the health effects of air pollution (PM2.5) and heat waves on the elderly.

Benjamin Bates, Rutgers University, USA



Benjamin Bates, MD, is an Instructor of Medicine at Rutgers-Robert Wood Johnson Medical School and Core Member of Rutgers Center for Pharmacoepidemiology and Treatment Science. His research focuses on the treatment and health outcomes of patients with cancer. He has received research funding from the New Jersey Commission on Cancer Research and the Robert E. Leet and Clara Guthrie Patterson Trust Mentored Research Award. Most pertinent to the ACPE symposium, "Environmental Pharmacoepidemiology Around the World: Climate Change, Medications, and Health Outcomes," he is currently leading research investigating the impact of climate events, namely air pollution and severe storms, on cancer treatment utilization, effectiveness, and health outcomes among patients with cancer.