



Symposium 12: Challenges and approaches to Pharmacoepidemiologic research in mental health

Moderator

Soko Setoguchi FISPE, Rutgers University, USA



Soko Setoguchi, MD, DrPH, FISPE, a cardiologist by training, US board-certified internist, and pharmacoepidemiologist, is Associate Professor of Medicine and Epidemiology, Director of Clinical Research Education, Department of Medicine, Rutgers Robert Wood Johnson Medical School and Co-Director of the Master of Science in Clinical and Translational Science at Rutgers School of Graduate Studies. After her medical school and Cardiology training in Japan, she completed her doctoral training in epidemiology at the Harvard School of Public Health. Dr. Setoguchi is recognized as an international leader in the field of pharmacoepidemiology. She has authored more than 120 peer-reviewed papers, and has successfully obtained federal and non-federal grants for her pharmacoepidemiology research program. Her research uses real

world data to perform health services/outcomes research and comparative effectiveness research for medications and implantable medical devices in patients with chronic disease. She has produced critical insights to improve the health outcomes of patients with chronic disease. Her work is internationally regarded for its methodological rigor and creativity. As she tackled important research questions, she used, promoted, and developed/tested various methods to conduct valid studies including 1) data linkage, 2) design-based and analytic methods for pharmacoepidemiologic studies, and 3) validation studies.

Speakers

Tobias Gerhard FISPE, Public Health Rutgers University, USA



Tobias Gerhard, BSPharm, PhD, FISPE, is an Associate Professor of Pharmacy and Epidemiology at Rutgers University and the Founding Director of the Rutgers Center for Pharmacoepidemiology and Treatment Science (PETS). His research interests focus on the development, application, and evaluation of modern pharmacoepidemiologic methods using large clinical and administrative datasets, particularly in the areas of mental health and drug-disease interactions. Dr. Gerhard is a Fellow and past Board and Executive Committee Member of the International Society for Pharmacoepidemiology and directs the course on Principles of Pharmacoepidemiology during the ICPE pre-conference educational session. His work has been funded by NIA, NIMH, AHRQ, PCORI, as well as by several foundations. Dr. Gerhard has received a NARSAD

Young Investigator Award from the Brain and Behavior Research Foundation and a NCDEU New Investigator Award from the American Society of Clinical Psychopharmacology. He serves on committees for FDA and the National Academies of Sciences, Engineering, and Medicine and has published over 70 peer-reviewed papers on pharmacoepidemiologic topics.

Ju-Young Shin, Sungkyunkwan University, South Korea



Dr. Ju-Young Shin is a current assistant professor at school of pharmacy, SungKyunKwan University (SKKU). She also serves as an associate editor of Pharmacoepidemiology and Drug Safety (PDS). She received her B.S. in pharmacy from Seoul National University, MPH in health policy and Ph.D. in pharmacoepidemiology from the Seoul National University College of Medicine. She was a visiting fellow at university of South Australia, and postdoctoral fellow at McGill University. She published more than 90 peer-reviewed journal and published her study in British Medical Journal (BMJ), twice, regarding the safety of antidepressants and ADHD medication using 50 million Korean healthcare database. Her area of research is a safety of psychotropic drugs, vaccine safety, methodology development, and drug utilization review in the frail population. She is leading or co-leading several projects sponsored by Korea Ministry of Food and Drug Safety, Ministry of Health and Welfare, Center for Disease Control and Prevention, National Research Foundations, and Pharmaceutical companies. She was a past-team director at Korea Institute of Drug Safety and Risk Management (KIDS) and led several epidemiological studies. She is now in charge of vice-director in one of Korean regional pharmacovigilance center- pharmacist association. She also serves as a consultant for several Korean governmental committee including national evidence-based collaborating agency (NECA), and KIDS. She has been a member of International Society for Pharmacoepidemiology (ISPE) since 2007, and is currently a member of board of directors of Korea society of Pharmacoepidemiology and Risk Management (KoPERM), Korea society of epidemiology, and Korea academy of social and managed care pharmacy.

Brian Strom FISPE, Rutgers University, USA



Brian L. Strom, M.D., M.P.H. is the Inaugural Chancellor of Rutgers Biomedical and Health Sciences (RBHS) and the Executive Vice President for Health Affairs at Rutgers University. RBHS is comprised of eight schools and seven major centers/institutes, and includes academic, patient care, and research facilities. Dr. Strom was formerly the Executive Vice Dean of Institutional Affairs, Founding Chair of the Department of Biostatistics and Epidemiology, Founding Director of the Center for Clinical Epidemiology and Biostatistics, and Founding Director of the Graduate Program in Epidemiology and Biostatistics, all at the Perelman School of Medicine of the University of Pennsylvania (Penn).

Although Dr. Strom's interests span many areas of clinical epidemiology, his major research interest is in the field of pharmacoepidemiology, i.e., the application of epidemiologic methods to the study of drug use and effects. He is recognized as a founder of this field and for his pioneer work in using large automated databases for research.