

# APPENDIX 4

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## Curriculum Committee

## Brain Story Certification Course Curriculum Committee



**Judy Cameron, PhD**  
**Professor of Psychiatry and the Clinical Translational Science Institute**  
**University of Pittsburgh**

Judy Cameron is a Professor of Psychiatry and the Clinical Translational Science Institute at the University of Pittsburgh. For 10 years she was a member of the MacArthur Foundation Research Network on Early Experience and Brain Development and she is currently a member of the National Scientific Council on the Developing Child and the Scientific Council of the Child Mind Institute. Dr. Cameron's research focuses on the effects of everyday life stresses on long-term health. Areas of interest include the interaction between genetic factors and early life experiences on shaping behavioral development, identification of factors that lead to stress sensitivity versus stress resilience, and effects of exercise on neuroprotection. She has a long-term interest in understanding the interactions between physical health and mental health. Dr. Cameron's newest research initiative is Working for Kids: Building Skills™, which is a novel community-based program that teaches the fundamentals of brain development to those who work with children at a community level. This initiative provides a community training program and is evaluating the effect of this intervention on the health repercussions of having adverse childhood experiences, including effects on EEG, sleep and biomarkers of oxidative stress.



**George F. Koob, PhD**  
**Director**  
**National Institute on Alcohol Abuse and Alcoholism (NIAAA)**

George F. Koob, is Director of the National Institute on Alcohol Abuse and Alcoholism

(NIAAA) as of January 27, 2014. As NIAAA Director, Dr. Koob oversees a wide range of alcohol-related research, including genetics, neuroscience, epidemiology, prevention, and treatment. As an authority on alcoholism, drug addiction and stress, he has contributed to our understanding of the neurocircuitry associated with the acute reinforcing effects of alcohol and drugs of abuse and the neuroadaptations of the reward and stress circuits associated with the transition to dependence. Dr. Koob has published over 650 peer reviewed papers and several books including the "Neurobiology of Addiction," a comprehensive treatise on emerging research in the field, and a textbook for upper division undergraduates and graduate students called "Drugs, Addiction and the Brain." He has mentored 11 Ph.D students and over 75 post-doctoral fellows. He received his Ph.D. in Behavioral Physiology from Johns Hopkins University in 1972. He spent much of his early career at the Scripps Research Institute as the Director of the Alcohol Research Center, and as Professor and Chair of the Scripps' Committee on the Neurobiology of Addictive Disorders. He has also served as a researcher in the Department of Neurophysiology at the Walter Reed Army Institute of Research and the Arthur Vining Davis Center for Behavioral Neurobiology at the Salk Institute for Biological Studies.



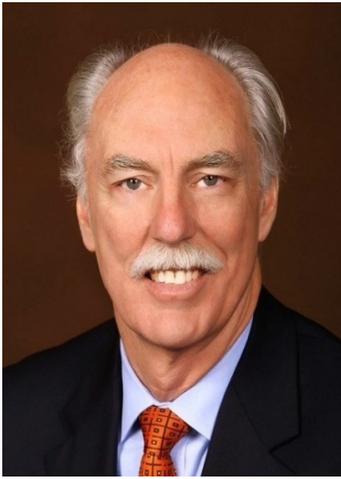
**Dr. Shoo K. Lee, MBBS, PhD, FRCPC**  
**Scientific Director, Institute of Human Development, Child and Youth Health**  
**Canadian Institutes of Health Research**

Dr. Shoo Lee is a neonatologist and health economist. He is Scientific Director of the Institute of Human Development, Child and Youth Health (IHDCYH) at the Canadian Institutes of Health Research; Professor of Paediatrics, Obstetrics & Gynaecology and Public Health; Paediatrician-in-Chief and Director of the Maternal-Infant Care (MICare) Research Centre at Mt. Sinai Hospital and Associate Member of the Samuel Lunenfeld Research Institute. Dr. Lee received his medical degree from the University of Singapore, completed his paediatric training at the Janeway Children's Hospital in Newfoundland and neonatal fellowship training at Boston's Children's Hospital, and received his PhD in Health Policy (Economics) from Harvard University. As the founder and Director of the Canadian Neonatal Network™ and the International Neonatal Collaboration, Dr. Lee fosters collaborative research, and he leads the CIHR Team in Maternal-Infant Care. His research focuses on improving quality of care, patient outcomes and health care services delivery. He developed Family Integrated Care model and piloted the concept at Mount Sinai Hospital. Awards for his work include the SPR Douglas K. Richardson Award for Perinatal & Pediatric Healthcare Research, CIHR Knowledge Translation Award, the Aventis Pasteur Research Award and the Distinguished Neonatologist Award from the Canadian Paediatric Society, the Premier Member of Honour Award from the Sociedad Iberoamericana de Neonatología and Magnolia Award from the Shanghai government.



**Glenda M. MacQueen, PhD, MD, FRCPC**  
**Vice Dean**  
**Cumming School of Medicine, University of Calgary**

Dr. MacQueen earned her PhD in Psychology and her medical degree from McMaster University, where she also completed her residency in psychiatry. In 2008 she moved from McMaster to the University of Calgary where she is currently Vice Dean in the Cumming School of Medicine and a member of the Hotchkiss Brain Institute and the Mathison Centre for Mental Health Research and Education. Her research interests have focused on mood disorders. Dr. MacQueen is an associate editor of the Canadian Journal of Psychiatry and the Journal of Psychiatry and Neuroscience. She currently sits on the Board of Directors of the Palix Foundation and the Calgary Drop In and Rehab Centre. She was the 2011 recipient of the Douglas Utting award for studies in depression and is the 2014 recipient of the Heinz Lehmann award from the Canadian College of Neuropsychopharmacology.



**A. Thomas McLellan, PhD**  
**Professor, Dept. of Psychiatry**  
**Director, Penn Center for Substance Abuse Solutions**

A. Thomas McLellan, PhD is the CEO and co-founder of the Treatment Research Institute (TRI) and an experienced substance abuse researcher. From 2009 to 2010, he was Science Advisor and Deputy Director of the White House Office of National Drug Control Policy (ONDCP), a congressionally confirmed Presidential appointment to help shape the nation's public policy approach to illicit drug use. At ONDCP, McLellan worked on a broad range of drug issues, including formulation and implementation of the President's National Drug Control Strategy and promotion of drug treatment through the broader revamping of the national health care system. Dr. McLellan has more than 35 years of experience in addiction treatment research. In 1992, he co-founded and led TRI (until his ONDCP appointment) to transform the way research is employed in the treatment of and policy making around substance use and abuse. In his career he has published over 400 articles and chapters on addiction research. From 2000-2009 he was Editor-in-Chief of the Journal of Substance Abuse Treatment, and he has also served on several other editorial boards of scientific journals. Dr. McLellan is the recipient of several distinguished awards including the Life Achievement Awards of the American and British Societies of Addiction Medicine (2001 & 2003); the Robert Wood Johnson Foundation Innovator Award (2005); and awards for Distinguished Contribution to Addiction Medicine from the Swedish (2002) and Italian (2002) Medical Associations. In the 1980s, with his colleagues from the Center for the Studies of Addiction at the University of Pennsylvania, Dr. McLellan introduced the Addiction Severity Index and, later, the Treatment Services Review. Both are among the most widely used assessment instruments in the world.



**Anthony Phillips, PhD**  
**Scientific Director, Institute of Neurosciences, Mental Health and**  
**Addiction**  
**Canadian Institutes of Health Research**

Professor Phillips received his PhD in Psychology from the University of Western Ontario, under the mentorship of Gordon Mogensson and subsequently spent time in the laboratories of Elliot Valenstein and James Olds' at the Fels Research Institute and Division of Biology, California Institute of Technology, respectively. He joined the Department of Psychology at the University of British Columbia in 1970, was appointed Full Professor in 1980 and served as Head from 1994-1999. He subsequently joined the Department of Psychiatry, Faculty of Medicine UBC in 2000 and became Founding Director of the UBC Institute of Mental Health in 2005. Dr. Phillips served for two terms as the inaugural Chair of Advisory Board for the CIHR Institute of Neurosciences, Mental Health and Addiction. Dr. Phillips has been honoured with numerous awards.



**Barbara J Sahakian DSc FMedSci**  
**Professor of Clinical Neuropsychology**  
**President of the International Neuroethics Society**  
**Past-President of the British Association for**  
**Psychopharmacology**

Barbara J Sahakian is Professor of Clinical Neuropsychology at the University of Cambridge Department of Psychiatry and MRC/Wellcome Trust Behavioural and Clinical Neuroscience Institute. She is also an Honorary Clinical Psychologist at Addenbrooke's Hospital, Cambridge. She holds a PhD and a DSc from the University of Cambridge. She is President of the International Neuroethics Society, Past-President of the British Association for Psychopharmacology and a Fellow of the Academy of Medical Sciences. She is co-author of 'Bad Moves: How decision making goes wrong and the ethics of smart drugs' (Oxford University Press, 2013) and co-editor of The Oxford Handbook of Neuroethics (OUP, 2011). She is a member of ACNP, CINP Council and ECNP Review Board and a member of the Human Brain Project. Sahakian has an international reputation in the fields of psychopharmacology, neuropsychology, neuropsychiatry, neuroimaging and neuroethics.