

Steven E. Hyman, MD

Steven E. Hyman, M.D. is Director of the Stanley Center for Psychiatric Research at the Broad Institute of MIT and Harvard, and is also Harvard University Distinguished Service Professor of Stem Cell and Regenerative Biology. From 2001 to 2011, Hyman served as Provost of Harvard University, the University's chief academic officer. As Provost he had a special focus on development of collaborative initiatives, especially in the sciences, spanning multiple disciplines and institutions. From 1996 to 2001, he served as director of the U.S. National Institute of Mental Health (NIMH), where he emphasized investment in neuroscience and emerging genetic technologies, and initiated a series of large practical clinical trials to inform practice. He had a significant focus on children, a population about which little was known with certainty, and put programs in place for address problems of global mental health. Hyman is the editor of the Annual Review of Neuroscience, President-elect of the Society for Neuroscience, founding President of the International Neuroethics Society, and a member of the Institute of Medicine of the U.S. National Academies where he serves on the governing Council, the Board of Health Science Policy, and chairs the Forum on Neuroscience and Nervous System Disorders. He is a fellow of the American Academy of Arts and Sciences, a fellow of the American Association for the Advancement of Science, a fellow of the American College of Neuropsychopharmacology, and a Distinguished Life Fellow of the American Psychiatric Association. Hyman received his B.A. summa cum laude from Yale College, a B.A. (hons.) and M.A. from the University of Cambridge, which he attended as a Mellon fellow, and an M.D. cum laude from Harvard Medical School.

Tshala-Katumbay, Desiré, MD, PhD, FANA

Dr. Tshala-Katumbay, Desiré earned his M.D. degree (Neurology) from the University of Kinshasa in Zaire, and a Ph.D. degree (Neurology) from the University of Uppsala in the city of Uppsala, Sweden. In 2001, he joined the Center for Research on Occupational and Environmental Toxicology (CROET) at Oregon Health & Science University (OHSU) in Portland Oregon for a postdoctoral training in Experimental Neurotoxicology & Neurology. Currently, he is Associate Professor of Neurology in the School of Medicine and jointly holds a "Staff Scientist" position in CROET, OHSU. Dr. Tshala-Katumbay's research is fully funded by the US National Institutes of Health (NIH) to study the impact of diet, food (cassava) toxins, and genetic polymorphisms on human (brain) health. Discrete lines of research explore (1) the host-microbiota interactions in response to food (cassava) cyanogens (functional microbiome) and, more recently, (2) the occurrence of neurodevelopmental deficits and epilepsy in a context of Onchocerciasis (river blindness), malnutrition, and mass treatment with antifilarial drugs.

Dr. Tshala-Katumbay has extensively worked with academic institutions, governments, and for-profit and non-profit organizations. He has developed a good understanding of the fundamentals and pitfalls of international aid, collaboration, and health interventions. Dr. Tshala-Katumbay's global health philosophy promotes a trans-disciplinary approach built on the axis science-health-technology while acknowledging the principles of human rights as key to the success of global health initiatives. Research interests: Neurotoxicology – Food Toxins – Global Health – Academic Medicine – Capacity Building. E-mail for contact and/or prospective joint collaborative efforts: tshalad@ohsu.edu.

Janina Galler, MD

Dr. Galler is a Senior Scientist at the Judge Baker Children's Center, Professor of Psychiatry at Harvard Medical School and Director of the Barbados Nutrition Study. Dr. Galler was the first recipient of the Joseph P. Kennedy, Jr. Foundation Public Policy Leadership Award in Mental Retardation for her public-policy relevant research. She received the Blanche F. Ittleson Award of the American Psychiatric Association for her research contributing to addressing the mental health of children and families. Dr. Galler was the recipient of the Irving Harris Lectureship Award of the Society for Behavioral Pediatrics, the Centennial Award of Sophie H. Newcomb College (Tulane University), New Orleans, LA and is a former Medical Foundation Fellow.

She served as a member of the National Advisory Child Health and Human Development Council, NIH, and the Advisory Committee to the Director of NIH. Dr. Galler has been a member and chair of many NIH Review panels, including the Mental Retardation Research Committee and the Mental Retardation and Developmental Disability Research Centers Review Panels. She has served on many scientific advisory boards, including the NIH International Maternal PKU Collaborative Study, the Joseph P. Kennedy Foundation and the Thrasher Research Fund. Dr. Galler is a Distinguished Fellow of the American Psychiatric Association. She has served as an advisor to the PAHO, UNICEF, UNDP and USAID.

Dr. Galler received her B.S. summa cum laude from the Sophie Newcomb College of Tulane University, New Orleans, LA and her M.D. from the Albert Einstein College of Medicine, NY. She completed her residency in psychiatry as one of the first women trainees at the Massachusetts General Hospital and trained as a Child Psychiatry Fellow at the Boston University School of Medicine. She completed her psychoanalytic training at the Boston Psychoanalytic Society and Institute. Dr. Galler served in Washington, D.C. as a U.S. Senate Fellow with the Labor and Human Resources Committee, Subcommittee on Aging, Family and Human Services.

Richard Guerrant, MD

Dr. Richard L. Guerrant is the Director of the Center for Global Health at the University of Virginia Medical School and has worked in the Congo, Bangladesh, and Brazil and has his B.S. from Davidson College, his M.D. from the University of Virginia, and his residency in medicine at the Harvard Medical Service/Boston City Hospital. He has held fellowships in Infectious Diseases at NIH, Johns Hopkins, and UVA. Dr. Guerrant edits the major textbook on Tropical Infectious Diseases, among 5 other books, and is author of over 560 scientific articles and reviews. His work is focused on the recognition, diagnosis, pathogenesis, impact, and treatment of enteric infections. With colleagues in Brazil, Guerrant's research documents the effects of and potential solutions for diarrhea and enteric parasitic infections on the long-term physical and cognitive development in malnourished children. As past president of the American Society of Tropical Medicine and Hygiene and recipient of its Walter Reed Medal, Guerrant is an outspoken voice for the urgency of global health. He founded one of the nation's first Trans-University Centers for Global Health at UVA and is recipient the Mentor Award of IDSA (2009), of the University's Distinguished Scientist Award (2009) and of its highest honor, the Thomas Jefferson Award in 2010, and was Outstanding Scientist of Virginia in 2012. Elected to the Institute of Medicine of the National Academy of Sciences, Guerrant chaired its Board on Global Health from 2006-2013, and is recipient of the 2014 Maxwell Finland Award for Scientific Achievement of the National Foundation for Infectious Diseases.

Neil Boothby, Ed.D

Neil Boothby is the U.S. Government special adviser and the senior coordinator for the USAID administrator on children in adversity. In his special adviser role, Boothby fulfills the legislative mandate set forth in the Assistance for Orphans and Other Vulnerable Children in Developing Countries Act of 2005, which calls for a coordinated, comprehensive and effective response on the part of the U.S. Government to the world's most vulnerable children.

Under Boothby's leadership, the first U.S. Government foreign assistance policy for children in adversity was launched at the White House on Dec. 19, 2012. In addition to his interagency coordination efforts, Boothby serves as USAID's senior expert on children and adversity. In this role, he is spearheading the Agency's efforts to develop implementation plans for the Action Plan for Children in Adversity in priority countries.

Boothby is on leave of absence from Columbia University, where he is the Allan Rosenfield professor of global health at Columbia University's Mailman School of Public Health. Boothby's research has focused on the developmental outcomes of children growing up in abject poverty, war and other adverse environments. Lessons learned from his longitudinal study of child soldiers in Mozambique have been applied to current war-affected countries with large numbers of child soldiers, and incorporated into the Paris Peace Principles. Another focus of

his work has been on children separated from their families due to poverty, disasters and armed conflict. His cornerstone study showed that many child-family separations are not accidental, but instead result from misguided policies and agency practices. This observation has been translated into international standards, including those of the U.N. Convention on the Rights of the Child and the U.N. High Commissioner for Refugees (UNHCR).

Prior to joining Columbia University, Boothby worked with U.N. and NGO agencies in Africa, Asia and the Middle East, including as the senior coordinator for refugee children with the UNHCR and the director of Save the Children's children in crisis division.

Boothby's works on the subject of children and adversity have been published extensively, and he has received a number of academic awards for his scholarship. He has also received a number of awards for his field work, including the Red Cross International Humanitarian of the Year Award, the Mickey Leland Award, and the U.N.'s Global Achievement Award for Excellence in the Social Sector.

Roger Glass, MD, PhD, MPH

Dr. Glass was named Director of the Fogarty International Center and Associate Director for International Research by NIH Director Elias A. Zerhouni, M.D., on March 31, 2006.

Dr. Glass graduated from Harvard College in 1967, received a Fulbright Fellowship to study at the University of Buenos Aires in 1967, and received his M.D. from Harvard Medical School and his M.P.H. from the Harvard School of Public Health in 1972. He joined the Centers for Disease Control and Prevention in 1977 as a medical officer assigned to the Environmental Hazards Branch. He was a Scientist at the International Center for Diarrheal Disease Research in Bangladesh from 1979-1983 and returned to Sweden where he received his doctorate from the University of Goteborg. In 1984, he joined the National Institutes of Health Laboratory of Infectious Diseases, where he worked on the molecular biology of rotavirus. In 1986, Dr. Glass returned to the CDC to become Chief of the Viral Gastroenteritis Unit at the National Center for Infectious Diseases.

Dr. Glass's research interests are in the prevention of gastroenteritis from rotaviruses and noroviruses through the application of novel scientific research. He has maintained field studies in India, Bangladesh, Brazil, Mexico, Israel, Russia, Vietnam, China and elsewhere. His research has been targeted toward epidemiologic studies to anticipate the introduction of rotavirus vaccines. He is fluent and often lectures in five languages.

Dr. Glass has received numerous awards including the prestigious Charles C. Shepard Lifetime Scientific Achievement Award presented by the CDC in recognition of his 30-year career of scientific research application and leadership, the Dr. Charles Merieux Award from the National Foundation for Infectious Diseases for his work on rotavirus vaccines in the developing world and the Programme for Global Paediatric Research Award for Outstanding Contributions to Global Child Health. He is a member of the Institute of Medicine of the U.S. National Academies of Science.

Dr. Glass has co-authored more than 500 research papers and chapters. He is married to Barbara Stoll, M.D., the George W. Brumley, Jr. Professor and Chair of the Department of Pediatrics at Emory University School of Medicine and the Medical Director of the Children's Healthcare of Atlanta at Egleston.

Story Landis, Ph.D

Story Landis, Ph.D. has been Director of the National Institute for Neurological Disorders and Stroke (NINDS) since 2003. A native of New England, Dr. Landis received her undergraduate degree from Wellesley College (1967) and her Ph.D. from Harvard University (1973). After postdoctoral work at Harvard University, she served on the faculty of the Department of Neurobiology there. In 1985, she joined the faculty of Case Western Reserve University

School of Medicine, where she created the Department of Neurosciences which, under her leadership, achieved an international reputation for excellence. She has garnered many honors, is an elected fellow of the Institute of Medicine, the Academy of Arts and Sciences, the American Association for the Advancement of Science and the American Neurological Association, and in 2002 was elected President of the Society for Neuroscience.

Dr. Landis joined the NINDS in 1995 as Scientific Director and worked to re-engineer the Institute's intramural research programs. Between 1999 and 2000, she led the movement, together with the NIMH Scientific Director, to bring a sense of unity and common purpose to 200 neuroscience laboratories from eleven different NIH Institutes. As NINDS Director, Dr. Landis oversees an annual budget of \$1.6 billion that supports research by investigators in public and private institutions across the country, as well as by scientists working in its intramural program. Together with NIMH and NIA directors, she co-chairs the NIH Blueprint for Neuroscience Research, a roadmap-like effort to support trans-NIH activities in the brain sciences. In 2007, Dr. Landis was named Chair of the NIH Stem Cell Task Force.

Thomas R. Insel, MD

Thomas R. Insel, M.D., is Director of the National Institute of Mental Health (NIMH), the component of the National Institutes of Health charged with generating the knowledge needed to understand, treat, and prevent mental disorders. His tenure at NIMH has been distinguished by groundbreaking findings in the areas of practical clinical trials, autism research, and the role of genetics in mental illnesses.

Prior to his appointment as NIMH Director in the Fall 2002, Dr. Insel was Professor of Psychiatry at Emory University. There, he was founding director of the Center for Behavioral Neuroscience, one of the largest science and technology centers funded by the National Science Foundation and, concurrently, director of an NIH-funded Center for Autism Research. From 1994 to 1999, he was Director of the Yerkes Regional Primate Research Center in Atlanta.

While at Emory, Dr. Insel continued the line of research he had initiated at NIMH studying the neurobiology of complex social behaviors. He has published over 250 scientific articles and four books, including the *Neurobiology of Parental Care* (with Michael Numan) in 2003.

Dr. Insel has served on numerous academic, scientific, and professional committees and boards. He is a member of the Institute of Medicine, a fellow of the American College of Neuropsychopharmacology, and is a recipient of several awards including the Outstanding Service Award from the U.S. Public Health Service. Dr. Insel graduated from the combined B.A.-M.D. program at Boston University in 1974. He did his internship at Berkshire Medical Center, Pittsfield, Massachusetts, and his residency at the Langley Porter Neuropsychiatric Institute at the University of California, San Francisco.

Gwen Collman, PhD

Gwen Collman is director of the NIEHS Division of Extramural Research and Training where she leads approximately 60 professional staff in areas of scientific program administration, peer review, and the management and administration of about 1,500 active grants each year. She directs scientific activities across the field of environmental health sciences including basic sciences (i.e., DNA repair, epigenetics, environmental genomics), organ-specific toxicology (i.e., reproductive, neurotoxicology, respiratory), public health related programs (i.e., environmental epidemiology, environmental public health), and training and career development. She also oversees the implementation of the Superfund Research Program and the Worker Education and Training Program.

Prior to her current role, Collman served in program development and management, beginning in 1992 as a member, then as Chief of the Susceptibility and Population Health Branch. During this time, she directed research on the role of genetic and environmental factors on the development of human disease, from animal models of genetic susceptibility to population studies focusing on etiology and intervention. She was responsible for building the NIEHS grant portfolio in environmental and molecular epidemiology, and developed several complex multidisciplinary research programs. These include the NIEHS Breast Cancer and the Environment Research Centers Program, the NIEHS/EPA Centers for Children's Environmental Health and Disease Prevention, and the Genes, Environment and Health Initiative. Also, under her guidance, a team created a vision for the Partnerships for Environmental Public Health programs for the next decade.

In recognition of her achievements, she is the recipient of numerous NIEHS Merit Awards, two NIH Director's Awards, and the DHHS Secretary's Award for Distinguished Service. Collman received a Ph.D. in Environmental Epidemiology from the University of North Carolina School of Public Health where she was awarded the 2009 H.A. Tyroler Distinguished Alumni Award.

Alan Guttmacher, MD

Alan Guttmacher, M.D., was appointed the NICHD Director on July 22, 2010, after assuming the duties of NICHD Acting Director on December 1, 2009. A pediatrician and medical geneticist, Dr. Guttmacher came to the NIH in 1999 to work at the National Human Genome Research Institute (NHGRI), where he served in a number of roles, including Deputy Director from 2002 through 2010, and Acting Director from 2008 to November 30, 2009. In those roles, he oversaw that Institute's efforts to advance genome research, integrate that research into health care, and explore the ethical, legal, and social implications of human genomics.

Dr. Guttmacher received an A.B. degree from Harvard College in 1972 and an M.D. from Harvard Medical School in 1981. After completing his internship and residency in pediatrics at Children's Hospital Boston, Dr. Guttmacher earned a two-year National Research Service Award from the U.S. Public Health Service as a fellow in medical genetics at Children's Hospital Boston and Harvard Medical School.

He served as director of the Vermont Regional Genetics Center at the University of Vermont College of Medicine in 1987. While there, he launched a series of public health genetics programs, directed the Vermont Cancer Center's Familial Cancer Program and the Vermont Newborn Screening Program, and founded Vermont's only pediatric intensive care unit.

In 1999, he joined the NHGRI as Senior Clinical Advisor to the Director. In that role, Dr. Guttmacher established a dialogue with health professionals and the public about the health and societal implications of the Human Genome Project. He became Deputy Director of NHGRI in 2002. He previously served in volunteer leadership positions for several regional and national nonprofit organizations involved with reproductive health. He is a member of the Institute of Medicine.

Dr. Richard Hodes, MD

Dr. Richard J. Hodes is the Director of the National Institute on Aging (NIA) at the National Institutes of Health (NIH). The NIA is the principal Federal funding agency for studies of the basic, clinical, epidemiological, and social aspects of aging. Dr. Hodes was named Director of the NIA in 1993.

Dr. Hodes maintains an active involvement in research on the NIH campus in Bethesda, Maryland, through his direction of the Immune Regulation Section of the National Cancer Institute, a laboratory devoted to studying regulation of the immune system, focused on cellular and molecular events that activate the immune response.

This involvement in campus research also serves to strengthen ties with other NIH scientists involved in studies of age-related diseases.

Dr. Hodes received his B.A. from Yale University in 1965 and his M.D. from Harvard Medical School in 1971. He is a Diplomate of the American Board of Internal Medicine. In 1995, Dr. Hodes was elected as a member of The Dana Alliance for Brain Initiatives; in 1997, he was elected as a Fellow of the American Association for the Advancement of Science; and, in 1999, he was elected to membership in the Institute of Medicine of the National Academy of Sciences. As author of more than 250 research papers, he is an influential scientist in and contributor to the field of immunology.

Nora Volkow, M.D.

Nora D. Volkow, M.D., became Director of the National Institute on Drug Abuse (NIDA) at the National Institutes of Health in May 2003. NIDA supports most of the world's research on the health aspects of drug abuse and addiction. Dr. Volkow's work has been instrumental in demonstrating that drug addiction is a disease of the human brain. As a research psychiatrist and scientist, Dr. Volkow pioneered the use of brain imaging to investigate the toxic effects and addictive properties of abusable drugs. Her studies have documented changes in the dopamine system affecting, among others, the functions of frontal brain regions involved with motivation, drive, and pleasure in addiction. She has also made important contributions to the neurobiology of obesity, ADHD, and aging.

Dr. Volkow was born in Mexico, attended the Modern American School, and earned her medical degree from the National University of Mexico in Mexico City, where she received the *Robins* award for best medical student of her generation. Her psychiatric residency was at New York University, where she earned the *Laughlin Fellowship Award* as one of the 10 Outstanding Psychiatric Residents in the USA.

Dr. Volkow spent most of her professional career at the Department of Energy's Brookhaven National Laboratory (BNL) in Upton, New York, where she held several leadership positions including Director of Nuclear Medicine, Chairman of the Medical Department, and Associate Director for Life Sciences. In addition, Dr. Volkow was a Professor in the Department of Psychiatry and Associate Dean of the Medical School at the State University of New York (SUNY)-Stony Brook. Dr. Volkow has published more than 530 peer-reviewed articles and written more than 80 book chapters and non-peer reviewed manuscripts, and has also edited three books on neuroimaging for mental and addictive disorders.

During her professional career, Dr. Volkow has been the recipient of multiple awards. In 2013, she was a Samuel J. Heyman Service to America Medal (Sammies) finalist; and she was inducted into the Children and Adults with Attention-Deficit/Hyperactivity Disorder (CHADD) Hall of Fame. She was elected to membership in the Institute of Medicine in the National Academy of Sciences and received the International Prize from the French Institute of Health and Medical Research for her pioneering work in brain imaging and addiction science. She has been named one of *Time Magazine's* "Top 100 People Who Shape Our World" and was included as one of the 20 people to watch by *Newsweek* magazine in its "Who's Next in 2007" feature. She was also included in *Washingtonian Magazine's* 2009 and 2011 list of the "100 Most Powerful Women" and named "Innovator of the Year" by *U.S. News & World Report* in 2000.

Kenneth R. Warren, Ph.D.

He is a nationally-recognized expert on alcohol and pregnancy, and a long-time senior administrator at the National Institute on Alcohol Abuse and Alcoholism (NIAAA) became Acting Director of NIAAA on November 1, 2008, following the retirement of Ting-Kai Li, M.D. on October 31, 2008. Dr. Li had served as NIAAA Director from November 2002 through October 2008.

Dr. Warren was named as the NIAAA Deputy Director in February 2008 and he has served Acting Director of the Institute from November 2008 until the present. He joined NIAAA in 1976 as a staff member of the then Division of Research. He later became chief of the Biomedical Research Branch, and then deputy director of the Division of Extramural Research. From 1984 to 2005 he directed the Office of Scientific Affairs, whose responsibilities included peer review, grants management, committee management, scientific communications, and activities of the NIAAA National Advisory Council and Extramural Advisory Board. From 2002 to 2007, Dr. Warren served as Associate Director for Basic Research.

A graduate of the City College of New York, Dr. Warren earned his doctorate degree in Biochemistry from Michigan State University in 1970. He subsequently undertook postdoctoral positions at the University of California, Los Angeles and at University of Michigan Mental Health Research Institute before joining the Federal government in a research position at the Walter Reed Army Institute of Research in 1974.

Dr. Warren has maintained an active interest in all areas of alcohol and health and in past years often served as the editor of the triennial Reports to Congress on Alcohol and Health. He has been particularly active in research on the effects of alcohol use during pregnancy, including fetal alcohol syndrome (FAS) and fetal alcohol spectrum disorders (FASD). Dr. Warren initiated NIAAA's research program on FAS over 30 years ago. He currently chairs the government-wide Interagency Coordinating Committee on FAS.

Dr. Warren has received numerous honors, including a superior service award from the Public Health Service in 1982 for his work in development of the first Surgeon General's Advisory on FAS. In 1994, Dr. Warren received the Seixas Award from the Research Society on Alcoholism (RSA). In 2002, he received the Henry Rosett Award from the Fetal Alcohol Syndrome Study Group of RSA. In 2007, the National Organization on Fetal Alcohol Syndrome (NOFAS) honored Dr. Warren by placing his name into their Tom and Linda Daschle FASD Hall of Fame, followed by the receipt of the NOFAS Excellence Award in 2008.

Robert M. Kaplan, PhD

In February of 2011, Robert M. Kaplan, Ph.D. joined the National Institutes of Health (NIH) Office of the Director as Associate Director for Behavioral and Social Sciences and Director of the Office of Behavioral and Social Sciences Research (OBSSR). At the time of this appointment, NIH director Dr. Francis Collins announced, "NIH will benefit from Dr. Kaplan's longstanding proven expertise in high priority behavioral health areas".

OBSSR functions as lead for behavioral and social science at NIH. In his current role, Kaplan is charged with serving as principal advisor on the importance of behavioral, social and lifestyle determinants of illness and public health problems. Kaplan's role also includes providing leadership and direction in the development and implementation of a trans-NIH plan for behavioral and social sciences research.

Prior to working for government, Kaplan was Distinguished Professor of Health Services at the University of California, Los Angeles (UCLA) and Distinguished Professor of Medicine at the UCLA David Geffen School of Medicine where he was Principal Investigator (PI) of the California Comparative Effectiveness and Outcomes Improvement Center. He led the UCLA/RAND health services training program and the UCLA/RAND Centers for Disease Control and Prevention (CDC) Prevention Research Center. He was Chair of the Department of Health Services from 2004 to 2009. From 1997 to 2004 he was Professor and Chair of the Department of Family and Preventive Medicine, at the University of California, San Diego. He is a past President of several organizations, including the American Psychological Association (APA) Division of Health Psychology, Section J of the American Association for the Advancement of Science (Pacific), the International Society for Quality of Life Research (ISOQOL), the Society for Behavioral Medicine (SBM), and the Academy of Behavioral Medicine Research. He is a Past Chair of the Behavioral Science Council of the American Thoracic Society. Dr. Kaplan is a former Editor-in-Chief of two different academic journals: Health Psychology and the Annals of Behavioral Medicine. He is the author, co-author or editor of more than 18 books and approximately 480 articles or chapters. His work has been

cited in more than 25,000 papers and the ISI includes him in the listing of the most cited authors in his field (defined as above the 99.5th percentile).

In 2005, Kaplan was elected to the Institute of Medicine of the National Academies of Sciences. Other selected honors include APA Division of Health Psychology Annual Award for Outstanding Scientific Contribution (for junior scholar in 1987 and again for a senior scholar in 2001), Health Net Distinguished Lecturer (1991), University of California 125 Anniversary Award for Most Distinguished Alumnus, University of California, Riverside (1992), APA Distinguished Lecturer, Distinguished Scientific Contribution Award from the American Association of Medical School Psychologists (1996), National Leadership Award from the SBM (2003), President's Award for Career Achievement from the ISOQOL (2004), and Distinguished Research Mentor Award from the SBM (2006). This year, he was honored as Policy Scientist of the Year by the American Sociological Association and received a Presidential Citation from the APA.

Kaplan earned an M.A. and Ph.D. in psychology at the University of California, Riverside. His research interests include behavioral medicine, health services research, health outcome measurement and multivariate data analysis.

Donald Silberberg, MD

Dr. Silberberg is an Emeritus Professor of Neurology at the University of Pennsylvania, School of Medicine. He received his MD from the University of Michigan School of Medicine, trained in Neurology at the National Institutes of Health, then as a Fulbright Scholar at the National Hospital, Queen Square, London, and as a Fellow in Neuro-ophthalmology at Barnes Hospital. Dr. Silberberg joined the faculty at the University of Pennsylvania in 1963. He served as the Department of Neurology's Vice Chairman from 1974-82, and Chairman from 1982-1994. He then served as Senior Associate Dean for International Medical Programs, 1994-2004.

Dr. Silberberg's research has focused on metabolic causes of neonatal injury, multiple sclerosis and related disorders of the nervous system, and on prevalence and causes of brain disorders in low income countries. The opportunity to work at the University Shiraz, Iran Medical Center in 1974, contributed to his interest in neurology in low income countries that became a major focus of his work from the late 1980's to the present.

Narendra Kumar Arora, MD

Prof. Narendra Kumar Arora holds a M.D. from the All India Institute of Medical Sciences in New Delhi (India). He received M.M.Sc in Clinical Epidemiology & Bio-Statistics from the University of Newcastle, Australia under the INCLIN Program.

He worked as a faculty member since 1983 and as a Professor of Pediatrics Gastroenterology, Hepatology & Nutrition at the All India Institute of Medical Sciences from 2004 – 2007. Presently, he is Adjunct Professor (Research) Public Health Foundation of India. Since 2005, he is serving as Executive Director of The INCLIN Trust International and also holds the post of Executive Director for Child Health Research Nutrition Research Initiative (CHNRI) since January 2010.

Prof. Arora is renowned public health expert in India and extensively involved in policy making, program planning, implementation and evaluation of public health programs at National and International level. He has been involved as Principal Investigator/Co-Investigator in over 60 major research projects funded by national (DST, ICMR, GOI-MOH, AIIMS) & international agencies (WHO, UNICEF, USAID, World Bank, INCLIN). His interest lies in the areas of Public Health and Nutrition, Child and Maternal Health, Policy Advocacy, Program Evaluation, Health Research, Capacity Building, Research Priority Setting, Clinical Epidemiology and Pediatrics among other areas. Prof. Arora has over 150 publications in National and International peer-reviewed journals to his credit.

He is currently the Co-chair of the *WHO Strategic Advisory Group of Experts on Immunization (SAGE)* and Scientific Advisory Group, RCH division, Indian Council of Medical Research (ICMR), Member of National Advisory Group on Immunization (NTAGI)-Ministry of Health and Family Welfare, Government of India and- South- East Asia Regional Immunization Technical Advisory Group (SEAR ITAG) and the Chairperson of National Adverse Events Following Immunization (AEFI) committee.

He has extensively contributed in the development of training and health education tools for primary health care, and has participated in various public health education programs. He is the recipient of various prestigious awards and distinctions for academic excellence and research endeavors.

Leslie L. Davidson, MD

Leslie L. Davidson is Professor of Epidemiology and Pediatrics at the Columbia University Medical Center's, Mailman School of Public Health and College of Physicians and Surgeons where she currently leads the doctoral programs in Epidemiology at Columbia. Dr. Davidson worked throughout her career in the broad area of Maternal and Child Health. Since 1984, she has been involved in studying the epidemiology of disability in children in low and middle income countries. She was a member of the team of researchers evaluating the Ten Questions, a screen for use in low and middle income countries which have very limited capacity for identification, assessment and treatment of neurodevelopmental disability. She is currently the principal investigator for a NIH funded cohort study of neurodevelopmental disability in 1581 preschool children in KwaZulu-Natal, South Africa (the Asenze Study) and a Co-Investigator of an NIH funded study in Benin assessing neurodisability in children whose mothers were anemic during pregnancy. Other research interests include the prevention of injury and violence, particularly partner violence. She trained in Pediatrics at Columbia, in Epidemiology at the London School of Hygiene and in child mental health research through a post- doctoral fellowship at the Institute of Psychiatry in London.

Adriana Conforto, MD, Ph.D

Adriana Conforto graduated in Medicine at Campinas State University in Brazil in 1994, and was a Neurology resident at Hospital das Clinicas/Sao Paulo University/Fundação Faculdade de Medicina (HCFMUSP) from 1995 to 1998. She was an instructor of Emergency Neurology from 1999 to 2000 in the same institution. From 2000 to 2001, she was a fellow at the Human Cortical Physiology Section, Medical Neurology Branch, mentored by Leonardo Cohen. She was hired as attending neurologist at HCFMUSP in 2001. In 2002 she was awarded an IBRO fellowship at Inselspital, University of Bern. She returned to Brazil in 2003 and has worked as attending neurologist in the Stroke Group in the Neurology Department at HCFMUSP since then. She finished her Doctorate in 2005 at HCFMUSP and, in the same year, founded the Neurostimulation Laboratory in the same institution. She received a Professor degree in 2010, and became the chief of the Stroke group in 2012. She has also worked as a researcher at the Albert Einstein Israeli Hospital in Sao Paulo since 2006, and has been Visiting Professor at the Cleveland Clinic since 2012.

Benjamin Warf, MD

Benjamin Warf is a pediatric neurosurgeon and Director of the Neonatal and Congenital Anomaly Neurosurgery Program at Boston Children's Hospital. He has revolutionized the treatment of intra-cranial diseases in very young children, with a particular focus on hydrocephalus ("water on the brain"). Many children with untreated hydrocephalus do not survive or suffer significant cognitive disabilities; such outcomes are common in parts of the world where access to neurosurgery is scarce. In 2000, Warf became medical director and chief of surgery at the newly established CURE Children's Hospital in a remote town in eastern Uganda, where he encountered a high incidence of hydrocephalus. Because traditional treatment of hydrocephalus—insertion of shunts—is both

prohibitively expensive and requires sustained medical monitoring beyond the reach of most children in the developing world, Warf pioneered an alternative, low-cost treatment. In carefully designed clinical trials, he demonstrated that a relatively straightforward, one-time treatment using modern endoscopic techniques (based on a surgical approach first attempted in the early twentieth century) results in outcomes that are at least as safe and effective as ventricular shunts, but requires far less medical infrastructure and post-surgical maintenance. As an adjunct to his clinical practice, Warf designed a training program and network for neurosurgeons throughout Africa, Asia, and the Middle East, increasing exponentially the number of children who can now be treated using his method. Having returned to practicing pediatric neurosurgery in the United States, he is now working to expand worldwide knowledge of and access to his hydrocephalus treatment, as well as for other pediatric neurosurgical diseases. Through his research, practice, teaching, and organizing activities, Warf is demonstrating that standards of health care can be improved alongside access to that care, in both the developing and the developed world.

Benjamin Warf received a B.S. (1980) from Georgetown College and an M.D. (1984) from Harvard Medical School. He completed his residency (1985–1991) in neurosurgery at Case Western Reserve University. From 2000 to 2006, he served as medical director and chief of surgery at CURE Children’s Hospital of Uganda, and in 2010 he joined the faculty of Harvard Medical School, where he is currently an associate professor of surgery and director of the Neonatal and Congenital Anomaly Neurosurgery Program at Boston Children’s Hospital. His prior affiliations include the University of Kentucky (1992–2000) and Thomas Jefferson University (2007–2009).

Randall Chesnut, MD, FCCM, FACS

Randall Chesnut M.D., has directed numerous projects related to neurotrauma both in the United States and other countries. He has been a major contributor to Guidelines for treatment of severe traumatic brain injury. Based at Harborview Medical Center, he is a University of Washington professor with appointments in two departments: Neurological Surgery, and Orthopaedics and Sports Medicine. He has particular expertise in surgery and critical care for traumatic brain injury, spinal cord injuries, failed back surgery, and adult spondylolisthesis, as well as sports-related spine and brain injuries.

He is conducting research to improve care for people with traumatic brain and spine injuries, and currently has funding from the National Institutes of Health for outcome studies in brain injury and trauma care systems in Latin America. He is also a leader in writing evidence-based practice guidelines for traumatic brain injury and spine surgery.

Michael Boivin, Ph.D., M.P.H.

Michael Boivin is an Associate Professor in Neurology and a member of the Core Faculty for the International Neurological and Psychiatric Epidemiology Program (INPEP) at Michigan State University. A former Fulbright research scholar to the Democratic Republic of Congo (1990-91) and to Uganda (2003-04), as well as an adjunct associate professor of psychiatry at the University of Michigan Medical School. Dr. Boivin presently leads NIH-NICHD sponsored studies in Uganda pertaining to the neurocognitive rehabilitation in children surviving severe malaria and early caregiver training to enhance cognitive and psychosocial development in children with HIV which includes a study on the cognitive rehabilitation of children with HIV in an impoverished area of rural Uganda. He is serving as Protocol Chair of an NIH-sponsored substudy in IMPAACT 1060 RCT protocol (p1104s) to conduct a neuropsychological evaluation of HIV-infected children on different antiretroviral treatment arms in resource limited African settings. He is also collaborating on studies evaluating the neurocognitive effects cerebral malaria in Malawian and in Ugandan children, as well as on a recently completed R21 study on the developmental effects of maternal anemia in very young children in Benin.

Dr. Boivin presently directs the neuropsychological assessment program in an NIH/NIEHS-sponsored study of konzo, a neurotoxic disease from poorly processed cassava in the DR Congo. Over the past 25 years he has pioneered the application of neuropsychological assessment in gauging the neurocognitive impact of public health risk factors and interventions in African children. Much of this work is encapsulated in a co-edited book on the Neuropsychology of Children in Africa: Perspectives on Risk and Resilience (New York: Springer Publishing, 2013).

Rodolfo Goya, Ph.D

Dr. Rodolfo Goya is a senior scientist of the National Research Council of Argentina. His laboratory is located in the Institute for Biochemical Research at the National University of La Plata, Argentina, where he leads a biomedical research group devoted to studying the neurobiology of aging and to developing therapeutic strategies for the treatment of neurodegenerative pathologies in the aged brain.

In his R01 project he demonstrated that short-term insulin-like growth factor 1 (IGF-1) gene therapy in the brain of aging rats can restore their hypothalamic dopaminergic (DA) activity and also ameliorate their motor performance. He now wants to construct a high-capacity regulatable adenovector with a reporter gene for humanized green fluorescent protein (hGFP) to implement transdifferentiation of mouse fibroblasts to neural precursor cells and cardiomyocytes. The new induced cells will be employed to implement regenerative medicine in suitable animal models of neurodegeneration or myocardial infarction.

Elena Grigorenko, Ph.D.

Dr. Elena L. Grigorenko received her Ph.D. in general psychology from Moscow State University, Russia and her Ph.D. in developmental psychology and genetics from Yale University, U.S.A. Currently, Dr. Grigorenko is the Emily Fraser Beede Professor of Developmental Disabilities, Child Studies, Psychology, and Epidemiology and Public Health at Yale (USA) and Adjunct Senior Research Scientist at Moscow City University for Psychology and Education (Russia). Dr. Grigorenko has published more than 350 peer-reviewed articles, book chapters, and books. She has received multiple professional awards for her work and received funding for her research from the NIH, NSF, DOE, USAID, Cure Autism Now, the Foundation for Child Development, the American Psychological Foundation, and other federal and private sponsoring organizations. Dr. Grigorenko has worked with children and their families in the U.S. as well as in Africa (Kenya, Tanzania and Zanzibar, the Gambia, and Zambia), India, Saudi Arabia, and Russia.

Hader Mansour, MD, Ph.D

Dr. Mansour is an Assistant Professor of Psychiatry at the Western psychiatric Institute and Clinic, University of Pittsburgh. His research expertise is in the genetics of schizophrenia and circadian function in bipolar disorder. He is also interested in global mental health. His research is funded by the National Institute of Health and the Stanley Medical Research Institute.

Vishwajit Nimgaonkar, M.D., Ph.D

Vishwajit Nimgaonkar, M.D., Ph.D. is a Professor of Psychiatry and Human Genetics at the University of Pittsburgh. Dr. Nimgaonkar also heads the Program in Genetics and Psychoses. His research focus is on the causation of severe psychiatric illnesses, including genetic and environmental factors. With funds from the NIH, Dr. Nimgaonkar oversees several international research projects, including large-scale studies in the United States, India and Egypt. Dr. Nimgaonkar received his MD from the University of Madras and his Ph.D. at the University of Oxford (UK). His clinical training includes residencies at the Maudsley Hospital, London, UK, and at Western Psychiatric Institute and Clinic, Pittsburgh. Dr. Nimgaonkar's post-doctoral work consisted of a fellowship in Molecular Biology at the University of London, UK. He has also trained in Clinical and Molecular Genetics at

Pittsburgh. A member of the Royal College of Psychiatrists and a Diplomate of the American Board of Psychiatry & Neurology, Dr. Nimgaonkar is the recipient of several honors, including a Rhodes scholarship, the Sir Dennis Hill Prize, the NIMH Independent Scientist Award (1998-2003), the Harry Levin Award for Clinical Excellence (WPIC, 2000) and an Outstanding Mentorship Award from the Department of Psychiatry, University of Pittsburgh School of Medicine (2006).

Nastassja Koen, M.D.

Having completed my undergraduate and medical degrees at the University of Cape Town, I am currently pursuing a post-doctoral fellowship in the Department of Psychiatry and Mental Health. I am particularly interested in PTSD - in delineating the genetic and environmental determinants of this disorder in the South African context. Since joining the department in 2011, I have become involved in co-ordinating a variety of research projects, as well as in gathering data for my own publications. During this time, I have also published a number of outputs, including two chapters and one review article ("Pharmacotherapy of anxiety disorders: a critical review", 2012). In recognition of my work to date, I have been awarded the Servier Laboratories Fellowship in Psychopharmacology; the UCT Postgraduate (Doctoral) Research Associateship; the Biological Psychiatry Special Interest Group (South African Society of Psychiatrists) Research Development Award; and have recently been accepted into the UCLA/South African Trauma Training Research (Phodiso) Scholars Programme, Fogarty International, an international collaboration between the University of California in Los Angeles (UCLA) and the South African Research Consortium (SARC). Extra-curricularly, I serve as director for Yabonga, a non-profit organisation that supports women, men and children in South Africa who are infected or directly affected by HIV/AIDS. As there is a shortage of healthcare professionals committed to becoming physician-scientists in South Africa, I hope to integrate neuroscientific research and clinical practice; and to join the new generation of young professionals who are making a significant contribution to the field of translational Psychiatry.

Diane Rohlman, MA, Ph.D

Diane Rohlman recently accepted a position as an Associate Professor in Occupational and Environmental Health at the University of Iowa. She also continues in her position as a Staff Scientist in the Center for Research on Occupational and Environmental Toxicology (CROET) and Assistant Professor in the Department of Public Health and Preventive Medicine at Oregon Health & Science University. She received her doctoral degree in Experimental Psychology from Bowling Green State University, specializing in Cognitive Psychology. Dr. Rohlman's research has focused on the design, development and validation of computerized test methods to assess neurotoxic effects and neurological disorders in humans exposed to chemical and physical agents. She has published the results of numerous research projects in the US and internationally that employ neurobehavioral and psychological test methods to study populations of all ages, with emphasis on the detection and characterization of impaired populations exposed to workplace hazards. These methods have been applied in research examining the effects of pesticide exposures in agricultural workers, wartime stressors in Persian Gulf Veterans, and chemical exposures in Air Force fuelers. Dr. Rohlman has extended the neurobehavioral methods developed for adult working populations to children and adolescents. She continues to conduct research examining exposure and health effects in agricultural communities including adult and adolescent agricultural workers and their families here in the United States and is involved in longitudinal studies examining pesticide exposure in children in the Philippines and adolescent and adult pesticide applicators in Egypt. The goal of her research is to improve characterization of the effects of the exposures and improved biomarkers linked to those effects. A second focus of her research has been the development of safety and health interventions to prevent workplace exposures and reduce injuries.

Dr. Nalini Sathiakumar, MD, DrPH

She is a Professor in the Department of Epidemiology at University of Alabama at Birmingham is an environmental and occupational epidemiologist and a pediatrician. Funded by industry and the US National Institutes of Health (NIH), she has conducted pioneer research in occupational health, occupational cancers, and health effects of environmental exposures including heavy metals, indoor and outdoor air pollution and pesticides with a special focus on infant and early childhood neurodevelopment. In addition, she has led NIH-funded training grants for over 15 years such as the International Research and Training in Environmental and Occupational Health (ITREOH) program in South Asia. Under this initiative, she has trained several emerging scientists in India, Sri Lanka and Pakistan, and mentored their research. As part of this program, she spearheaded the development and implementation of a competency-based Master of Public Health (MPH) degree program in Manipal University in India and the University of Kelaniya in Sri Lanka; the latter is the first program in the country. Dr. Sathiakumar has served as an expert for the Institute of Medicine, Centers for Disease Control and Prevention, NIH, World Health Organization, etc. She is the recipient of several awards and honors including the President's award for excellence in teaching at UAB.

Meghan Tiple, MSPH, BDS

Meghan Tiple is currently a graduate student in the Department of Epidemiology at School of Public Health at University of Alabama at Birmingham (UAB). She is completing her DrPH in International Public Health. Originally a dentist from India, Ms. Tiple completed her MSPH in Epidemiology from UAB in 2010. Since 2008, Ms. Tiple has been working closely with her advisor and mentor Dr. Nalini Sathiakumar on several projects both in the United States and abroad. Her research interests include application of geospatial technology in environmental health studies and air pollution research.

Mohammad Hossein Rahbar, PhD

Dr. Rahbar obtained his PhD in Statistics from Michigan State University (MSU) in 1988. Currently, he is a tenured professor of Epidemiology and Biostatistics at the University of Texas School of Public Health at Houston. He also serves as Director, Biostatistics/Epidemiology/Research Design (BERD) component of Center for Clinical and Translational Sciences (CCTS) at UTHealth. In 2012, he was appointed as the founding Director of the Division of Clinical and Translational Sciences (DCTS) in the Department of Internal Medicine at UTHealth. Dr. Rahbar has considerable experience leading Data Coordinating Center (DCC) activities for multicenter clinical trials and prospective studies in trauma, stroke, cancer, and maternal & child health with a particular focus on autism spectrum disorders (ASD). While at MSU, Dr. Rahbar served as PI of the DCC for the Centers for Disease Control and Prevention (CDC)-funded national network of autism research centers during 2004-2008. Since 2008 when Dr. Rahbar joined UTHealth, he has been successful in obtaining funding for several projects including his role as the PI of the DCC for a Prospective, Observational, Multi-center Major Trauma Transfusion (PROMMTT) study, a DoD funded project; PI of Data Core for The University of Texas Specialized Program in Acute Stroke (SPOTRIAS) funded by NINDS; and PI of Data Management and Statistical Core for "Genetics and Ankylosing Spondylitis Pathogenesis", funded by NIAMS/NIH. Since 2009, with funding from NICHD/FIC (R21 grant), Dr. Rahbar conducted an epidemiologic study of autism in Jamaica, investigating the role of the glutathione-S-transferase (GST) genes (GSTM1, GSTP1 and GSTT1) and five heavy metals (lead, mercury, arsenic, cadmium, manganese) in relation to autism spectrum disorders in Jamaica. In September 2013, Dr. Rahbar received notice of grant award for a R01 grant from NIEHS, to expand his epidemiologic research on autism to include other toxins including polychlorinated biphenyls (PCBs), organochlorine (OC) pesticides, and six heavy metals (lead, mercury, arsenic, cadmium, manganese, and aluminum). On this project he collaborates with faculty at the University of the West Indies, Mona campus, in Kingston, Jamaica.

Gretchen L. Birbeck, MD

Gretchen L. Birbeck, Professor of Neurology and Director for Research in the Epilepsy Division at the University of Rochester, is a neurologist with additional training in epidemiology, health services research, epileptology, and tropical medicine. For two decades she has provided clinical care, conducted research and taught medical trainees in Africa. She serves as the Epilepsy Care Team Director for Chikankata Hospital in rural Zambia, teaches and mentors as adjunct faculty at the University of Zambia and the University of Kwazulu Natal, and is co-director for the Pediatric Neurophysiology Laboratory of Queen Elizabeth Central Hospital in Blantyre, Malawi. She divides her time equally between the US and Africa. In 2013, she became formally recognized by Zambia as a local resident. In addition to the BRINK study described above, she is the principal investigator for a Malawi-based clinical trial of enteral levetiracetam for seizure control in cerebral malaria as well as a prospective cohort study of new onset seizures in people with HIV in Zambia.

Huijun Li, Ph.D

Dr. Huijun Li received her Ph.D. in School Psychology from University of Arizona in 2003. She is a Nationally Certified School Psychologist. Dr. Li is an Assistant Professor in the Department of Psychology, College of Social Sciences, Arts, and Humanities, Florida A & M University. She is also a Visiting Assistant Professor of Psychiatry at Harvard Medical School. Dr. Li is passionate in teaching and advising undergraduate and graduate students. Prior joining Florida A & M University, she served as the Director of Multicultural Research of the Commonwealth Research Center, Beth Israel Deaconess Medical Center, and Harvard Medical School. Dr. Li has received federal grants and foundation grants to study psychosocial factors such as culture specific beliefs about causes of mental illness, stigma, and barriers to services related to help-seeking behaviors among individuals from diverse backgrounds. She serves on the Editorial Board of Asian Journal of Psychiatry and Editorial Advisory Board of Psychology in the Schools. She also serves as a Research Committee Chair of Florida Association of School Psychologists, and member of the Ethics Committee of the International School Psychology Association, and a program reviewer of National Association of School Psychologists. Dr. Li actively contributes to local community services by providing presentations and workshops on Chinese American children's mental health. Dr. Li served as expert professional on youth mental health on the local ABC news after the Newtown, Connecticut school shooting incident. Dr. Li is the first faculty appearing on the Florida A & M Living Well 101 Column. Her essay on reducing mental health disparity has been published in numerous newspapers, such as the Florida Sun, South Florida Time, the Westside Gazette, and Tallahassee Democrat. Dr. Li is the author or co- author of journal articles (30), book (1), book chapters (5), translated books (7)), and conference presentations (50).

Mustafa al'Absi, Ph.D

Mustafa al'Absi is a Professor of Biobehavioral Health, Psychiatry, and Neuroscience at the University of Minnesota Medical School. He is the holder of the Max & Mary La Due Pickworth Chair and is the Director of the Duluth Medical Research Institute (DMRI). Dr. al'Absi's research focuses on neurobiological and psychological factors that promote drug use and hinder long-term abstinence. His focus on the interaction between stress and addiction has led to important discoveries related to predictors of drug use and relapse. Dr. al'Absi's international work focuses on comorbidity of drug use and mental health problems and has contributed to significant research growth and capacity in several countries in Africa and the Middle East. His work has been funded by multiple grants from the NIH. He was also funded through the Fogarty NIH initiative on *Brain Disorders in Developing Countries* to launch an international program focusing on neurobehavioral impact of the concurrent use of the psychostimulant khat and tobacco. Dr. al'Absi's work has been recognized by multiple awards including the Neal E. Miller Award from the Academy for Behavioral Medicine Research and the Herbert Weiner Early Career Award from APS. He is a Fellow of the Association for Psychological Sciences and has held leadership positions in multiple national and international organizations. He has served on multiple NIH Study Sections and review panels. He has also served as an associate editor or on editorial board of several journals in the area of neuroscience and psychophysiology.

Tatiana Balachova, PhD

Tatiana Balachova, PhD, Associate Professor of Pediatrics, University of Oklahoma Health Sciences Center (OUHSC). Dr. Balachova is a clinical psychologist who graduated from St. Petersburg State University, completed postdoctoral fellowship in Pediatric Psychology and Child Abuse and Neglect at OUHSC, and gained extensive experience in research focused on substance abuse, child maltreatment, and FASD prevention. Dr. Balachova has over 20 years of experience working in areas of child maltreatment and substance abuse in the U.S. and Russia. She has served as principal investigator on a number of studies and as advisor for the WHO and other organizations. Currently, Dr. Balachova is Principal Investigator on a NIH funded study to evaluate a FASD prevention intervention in Russia and Co-Director of the Interdisciplinary Training Program in Child Abuse and Neglect (ITP), a two-semester graduate program for advanced students in medicine, psychology, law, social work, education, nursing, and related disciplines.

Jasmin Vassileva, Ph.D

Dr. Vassileva is an Assistant Professor of Psychiatry and Psychology at the University of Illinois – Chicago. She received her Ph.D. in Clinical Neuropsychology from Rosalind Franklin University of Medicine and Science in 2002. Her research program focuses on the long-term effects of chronic drug use and on determining the common vs. the unique effects of different classes of drugs on neurocognitive functioning. Her more recent studies investigate the mechanisms underlying impulsivity and risky behavior in the externalizing spectrum of adult psychopathology (drug addiction, psychopathy, antisocial personality disorder, adult ADHD, pathological gambling) and within the context of HIV. She has explored impulsivity from different levels of analysis, including neurocognitive, personality, psychiatric, and computational modeling perspectives. Her findings underscore the utility of examining multiple and more narrowly-defined dimensions of impulsivity and contribute significantly to a growing body of literature that reveals important differences between addictions to different classes of drugs. Dr. Vassileva has won a number of NIH awards for her research and has a long history of international collaborations with scientists in Canada and Europe.

Napapon Sailasuta, PhD

Senior scientist in clinical magnetic resonance spectroscopy (MRS) at HMRI since 2007, Dr. Sailasuta served as a scientist at GE Healthcare for 15 years prior to her tenure at HMRI. Her research focuses on brain chemistry, metabolism and disease prevention. Researching neurological complications arising from Alzheimer's Disease, addiction and HIV-associated dementia, Dr. Sailasuta uses MRS technology as an imaging technique to assess neurochemical changes. Her work has revealed new understanding of the role that brain chemistry plays in disease onset, treatment and recovery. At HMRI, Dr. Sailasuta's research includes study of glutamate (a brain chemical crucial in brain function) in HIV/AIDS and Alzheimer's patients and in abstinent methamphetamine users. She has devised new, non-invasive methods of using MRS to study glutamate levels to treat diseases more effectively. This new approach benefits patients. Less time is spent in a magnetic resonance imaging bed, and, there is less impact on the eye area during frontal brain testing. Most importantly, her breakthrough research on carbon MRS means that brain chemistry can now be measured in real time. Dr. Sailasuta holds a Ph.D. from California Institute of Technology. She also serves as a clinical research associate professor at the Keck School of Medicine at the University of Southern California. This year, she is organizing a global outreach workshop in Thailand for the International Society for Magnetic Resonance in Medicine (ISMRM). She is also the secretary-elect of the ISMRM Psychiatric MR Spectroscopy and Imaging study group. - See more at: <http://www.hmri.org/research/our-researchers/napapon-sailasuta-ph-d/#sthash.iESdv0cV.dpuf>

Apinun Aramrattana, MD, Ph.D

Apinun Aramrattana, MD, PhD, is a family doctor, highly experienced epidemiologist, and a leading drug-use researcher in Thailand. He is the Director of the Center for Substance Abuse Research at the Research Institute for Health Sciences at Chiang Mai University and an Assistant Professor at the Chiang Mai University Faculty of Medicine. He has led outbreak investigations, household surveys, community-based studies, and clinical trials. He also has experience conducting qualitative studies related to drug-use. Since early 2000, he has developed a close working relationship with the Thai Office of Narcotics Control Board (ONCB) and various agencies under the Thai Ministry of Justice. Through this unique relationship he played a key role in developing drug surveillance systems for ONCB. He also works closely with these agencies to facilitate policy-relevant research and development projects. He was one of the principal researchers who organized a series of national household surveys on drug use in Thailand since 2001.

Dr. Apinun has been the Thailand Principal Investigator on a number of National Institutes of Health (NIH)-supported HIV prevention trials for injection drug users and methamphetamine-using youth, and directed a study for the HIV Prevention Trials Network on buprenorphine/naloxone substitution maintenance therapy vs. buprenorphine/naloxone detoxification as an HIV prevention strategy. His main sources of domestic research funding are the ONCB, the Thai Health Foundation, and the Thai Ministry of Public Health.

Alex Cohen, Ph.D

Alex Cohen received his PhD in anthropology at UCLA and, for his dissertation research, conducted ethnographic fieldwork on how social worlds shaped the lives of homeless mentally ill persons living in the Skid Row district of Los Angeles. Dr Cohen has published work on the mental health of indigenous peoples, the integration of mental health services in primary care, the associations among female literacy, mental health, gender inequities, and excess female mortality in India, and the course and outcome of schizophrenia in low-income countries. He was also a contributor to three articles in *The Lancet* series on Global Mental Health (2007) and has edited two casebooks of mental health programs in low-resource settings. In 2001, he worked with Prof Harry Minas in the establishment of the *International Mental Health Leadership Program* at The University of Australia. In that same year, he became the Academic Director of a training program that brought Chinese and Indonesian psychiatrists to Harvard Medical School. He was active in both programs until 2008. Dr Cohen's most recent publications include a paper that compares and contrasts the service delivery models employed by three community mental health programs in low-income countries and three papers about social inequalities in depression and suicidal ideation among older primary care patients. Currently, Dr Cohen is one of the Course Directors of the MSc in Global Mental Health, a joint program offered by the London School of Hygiene and Tropical Medicine and the Institute of Psychiatry, King's College London.

Hongtu Chen, Ph.D

Hongtu Chen, Ph.D., is an Assistant Professor at Harvard Medical School, and Director of the Global Initiative on Caregiving for the Elderly at the Harvard University Asia Center. He has done extensive work related to health service intervention and Asian societies. His specific areas of research focus on translating and implementing evidence-based and innovative behavioral health interventions in real world settings. He often combines quantitative and qualitative research methods to examine contextual factors, such as how clinical, cultural or

religious background affect design and outcomes of an intervention program. Dr. Chen has been principal investigator on a number of major research projects funded by the U.S. governmental agencies. Recently, Dr. Chen was elected to be the Burke Global Health Fellow by the Harvard Global Health Institute.

Sue Levkoff, Sc.D

Dr. Sue Levkoff, Sc.D. is one of the nation's leading experts on geriatrics and aging. Her research programs focus on the application of sciences and technologies to enable aging in place. Her publications are on the topics of aging, culture, experience of dementia, and prevention of excess disability in the cognitively impaired aged. She directed the Harvard Upper New England Geriatric Education Center, a training program funded by the Health Resources and Services Administration, to provide specialized training to academically-based faculty and primary care practitioners from the medical, nursing, dental, social work, and allied health professions in order to expand and improve geriatric health care. She served as the President of the National Association of Geriatric Education Centers. Dr. Levkoff has directed teaching programs on Successful and Productive Aging for Korean, Japanese, and Chinese health care professionals, and has trained dementia specialists to work in home care settings and nursing homes. She has served on the Board of Directors of Central Boston Elder Services, a home care agency in inner-city Boston serving large numbers of ethnic minority elders, and on the Board of Directors of the Alzheimer's Association of Massachusetts. Her pioneering work and leadership in gerontology led her to serve as Editor-in-Chief for the peer reviewed journal Ageing International, which is published quarterly by the global publisher, Springer Science+Business Media. She currently serves as the Director of The SeniorSMART™ South Carolina Center of Economic Excellence, based at the University of South Carolina.

David Kevin Johnson, Ph.D

My primary interest is in clinical research that identifies cognitive and emotional processes that characterize healthy aging and dementia. Although some age-related change may be part of healthy aging processes, there are certain changes in memory and cognition that are early markers of dementia pathology leading to profound intellectual decrements in individuals with dementia. My research explores neuropsychological changes in aging and how these changes impact thinking and emotion. I am motivated by a framework that suggests multiple, co-occurring factors that affect cognitive aging. I focus on understanding these diverse, and dissociable, brain changes in aging and dementia and how they affect cognition and emotion.

I am a licensed clinical psychologist with specialty training in Gerontology and Neuropsychology. I have considerable multidisciplinary experience and worked closely with Geriatricians, Neurologists, Neuropathologists, Psychiatrists, Nurse Practitioners, and Biostatisticians in medical and academic settings. I also received specialty training in longitudinal data analysis as a postdoctoral fellow in Neurology at the Washington University Alzheimer's Disease Research Center, examining white matter disease, Alzheimer's dementia, Lewy Body disease, and dementia associated with Parkinson's disease. I am also adjunct faculty in Neurology at KU Medical Center and work closely with Dr. Jeff Burns of the Brain Aging Project and the Alzheimer Disease Center in Kansas City.

Anne Becker, MD, Ph.D

Anne E. Becker, MD, PhD is the Maude and Lillian Presley Professor of Global Health and Social Medicine at Harvard Medical School, where she also serves as Vice Chair of the Department of Global Health and Social Medicine and as Senior Associate Director of the Harvard/MIT MD-PhD Program. An anthropologist and psychiatrist, Dr. Becker has combined ethnographic, other qualitative, and epidemiologic methods in her research to focus on the impact of social and cultural environment on

mental health, and on eating disorders in particular. She is the author of *Body, Self, and Society: The View from Fiji*, which probes the cultural mediation of self-agency and body experience. Dr. Becker is also lead investigator on a series of studies demonstrating the relationship between media exposure and eating pathology in the small-scale indigenous society of Fiji. More recently, Dr. Becker's NIMH-funded research has investigated the impact of rapid economic and social transition on eating pathology, suicide, and other youth health risk behaviors in Fiji. Presently, with NIMH support, she and co-PI Pere Eddy Eustache of Zanmi Lasante are conducting a mental health research capacity building project and novel school-based youth mental health pilot intervention in central Haiti. Dr. Becker is the founding and past Director of the Eating Disorders Clinical and Research Program at Massachusetts General Hospital, past president of the Academy for Eating Disorders, and served as a member of the American Psychiatric Association's DSM-5 Eating Disorders Work Group. She is past co-editor in chief of the journal, *Culture, Medicine and Psychiatry*, and is presently an associate editor of the *International Journal of Eating Disorders*. Dr. Becker received her bachelor's degree in anthropology from Harvard College, summa cum laude. She received her medical training at Harvard Medical School and received a doctoral degree in anthropology from the Harvard Graduate School of Arts & Sciences as part of a joint MD-PhD program in social sciences supported by the MacArthur Foundation. She also received a master of science degree in epidemiology from the Harvard School of Public Health. Dr. Becker completed her residency in the Department of Psychiatry at the Massachusetts General Hospital in 1994.

Pere Eddy Eustache, MA

Pere Eddy Eustache is Director of Psychosocial Services and a Senior Psychologist at Zanmi Lasante in Haiti, where he provides psychological support to HIV/TB patients and their families, psychological support for staff, and training on the inclusion of psychosocial support for all Zanmi Lasante staff. He also serves as the field director for a pilot study investigating how HIV/AIDS affects children and parents, and has adapted a U.S.-based curriculum for adolescents and their HIV-positive parents to the rural Haitian context. Currently, he and co-PI Dr. Anne Becker are conducting a NIMH supported project to build mental health research capacity and test the feasibility of a novel school-based youth mental health intervention. In this role, he oversees organization of training staff psychologists, study participant recruitment, data collection, data analyses and interpretation, and training of U.S.-based collaborators in the cultural and social context of mental illness presentation and help-seeking in Haiti.

Helene Carabin, Ph.D

Dr. Carabin is a veterinarian by training (1992) with a PhD in epidemiology from McGill University (1998). She is now a Full Professor in epidemiology at the University of Oklahoma Health Sciences Center. Her expertise lies in the conduct of valid epidemiological studies in developing countries. Her research interests include the development and use of Bayesian models to adjust for misclassification error and clustering for common outcomes, such as neglected tropical diseases and zoonotic infections. She has 71 peer-reviewed publications and is the PI on two active international NIH grants.

Athanase Milogo, M.D.

Dr Athanase Milogo received his Doctorate in Medicine in the University of Abidjan (Ivory Coast) in 1990. He was then trained in Neurology at the Université of Abidjan. He is now Full Professor of Neurology at the University of Ouagadougou in Burkina Faso and the Head of Department of Internal Medicine at the Bobo-Dioulasso Teaching Hospital. He is especially interested in studies related with the etiology of epilepsy in Burkina Faso and also the cultural aspects of this stigmatizing disease in Africa.

Richard Idro, MD, Ph.D

Dr Richard Idro is consultant paediatrician and paediatric neurologist in Mulago hospital and Honorary Lecturer in Makerere University College of Health Sciences, Kampala, Uganda and a Senior Clinical Research Paediatrician with the Centre for Tropical Medicine, Nuffield Department of Medicine, Oxford University. **He** holds a Bachelor's degree in Medicine and Surgery and a Masters degree in Paediatrics and Child Health from Makerere University. His PhD was from the University of Amsterdam in Collaboration with the UCL Institute of Child Health in which he studied "Seizures in children with acute falciparum malaria". This was followed by a post-doctoral fellowship and clinical training in Paediatric Neurology. His specific research interests are Child Health and Neuro-developmental disorders in resource poor countries, the pathogenesis and outcomes of acute central nervous system infections and interventions to improve outcome. In addition, Dr Idro works with young clinicians promoting clinical research in East Africa.

Chandy John, M.D.

Chandy John, M.D., M.S., holds the Marguerite Dugger, Ed.D. and James Dugger, M.D. Endowed Professorship in Pediatrics at the University of Minnesota, where he is Professor of Pediatrics and Medicine and Director of the Division of Global Pediatrics. Dr. John joined the faculty at University of Minnesota in 2005, where he established the Division of Global Pediatrics, the first division of Pediatrics devoted to global child health in the United States. Dr. John's research focuses on malaria epidemiology and immunology and the interactions between infection, nutrition and child neurodevelopment. He has had NIH-funded research studies and training grants in Kenya since 1999, in collaboration with the Kenya Medical Research Institute, and in Uganda since 2003, in collaboration with Makerere University.

Marina Bentivoglio, MD, Ph.D

As a co-PI of the proposed project, I am highly committed to the training of students and knowledge transfer related to the planned fundamental studies on animal models of African trypanosomiasis and to the translational aspects related to human African trypanosomiasis. I have been a co-PI in the R21 exploratory grant from which the present plan stems, and which has been highly productive and extremely stimulating (from both the points of view of scientific challenge and personal relationships). I have long-standing experience in the mentoring of African students (both in my laboratory and in training courses held in many African countries) and I have acted as supervisor of the Cameroonian Paul F. Seke Etet, who has defended his PhD thesis in Neuroscience in April 2011 (focused on African trypanosomiasis in the context of our R21 grant).

As past Secretary-General of the International Brain Research Organization (IBRO), and participant to IBRO activities in the last 20 years, I have gained considerable experience in international networking and on the training of young investigators, with special focus on the African continent. As current Department Chair and responsible for the international relationships of my Department, I am now giving new impulse to international networking, including capacity building.

Based on my clinical background, I am interested in the neurobiology of diseases with a specific focus on neuroinflammation and its relationship with neurodegeneration. Inspired and stimulated by my experience in the African continent, I am especially interested in the neurobiology of neglected diseases, an interest reinforced by the cooperation in the framework of the R21 grant. I have started 20 years ago a collaboration with Krister Kristensson, co-PI in this project, on African trypanosomiasis, with a focus on functional (sleep-wake) disturbances, cellular neuropathology and pathogenetic mechanisms. Experimental epilepsy is also actively investigated in my laboratory, with a focus on epileptogenesis. The laboratory includes behavioral facilities, with trained coworkers who can assist and transfer knowledge also on experimental cognitive testing

Krister Kristensson, MD, Ph.D

I have 50 years of experience of research on infections of the nervous system. I was originally trained in neurology followed by 20 years of clinical neuropathology. During the last 20 years I have been working at the Department of Neuroscience, KI, to perform more fundamental research on nervous system infections. I have been working with a number of neurotropic viruses and bacteria. Since 20-25 years the research activities are focused on the cell biology of prion infections and on the neuropathogenesis of African trypanosomiasis. I have supervised 24 PhD students and an equal number of Master students. I have also supervised the studies of 10 African students from different African countries in my laboratory, participated and partly organized 12 IBRO schools in African countries, been a member of the Society of Neuroscience in Africa since its start in 1993 and organized two Internattional conferences on the Neurobiology of Neglected Infectious Diseases (Pasteur Institute, Paris 2008; La Reunion 2010) and edited one volume of Progr Neurobiol on the same topic.

Noeline Nakasujja, MD, Ph.D

I have been involved in neurocognitive research since 2002. I have participated in collaborative research funded by the NIH- NICHD , NINDS among children and adults in Uganda where I act in the capacity of Co- Principal Investigator or Investigator, I have also doubled as research coordinator on some of the studies. The studies have focused on the assessment of cognitive function in the Ugandan setting. Part of the research work determined cognitive rehabilitation in children surviving severe malaria and with HIV. I have training in psychiatry and specific training in neuropsychological testing. Research we have conducted at the Infectious Diseases Institute, Makerere University Kampala, established the validity of a screening tool for HIV dementia, the international HIV dementia scale (IHDS). I have had the opportunity of establishing collaboration with scientists from different institution who are involved in my area of interest and several papers have been published of the work that we have successfully completed.

Ned Sacktor, MD

Dr. Ned Sacktor received his medical degree from the University of Pennsylvania School of Medicine. He then completed a residency in neurology at the Neurological Institute of New York, Columbia Presbyterian Hospital. He went on to complete a behavioral neurology fellowship at the same institution.

Now a Professor of Neurology at The Johns Hopkins University School of Medicine, Dr. Sacktor focuses on general neurology with a special interest in dementia and behavioral neurology. His research focuses primarily on the cognitive manifestations of HIV infection. These investigations include clinical, epidemiological and neuroimaging studies. He also focuses on trials of therapeutic agents for the treatment of HIV-associated dementia

Charles Wood, Ph.D

Charles Wood, the Lewis Lehr/3M University Professor of Biological Sciences and Biochemistry at the University of Nebraska-Lincoln. He is the founding director of the Nebraska Center for Virology, established in 2000 with an IDeA COBRE award from the National Institute of Health. Wood's wide-ranging research interests include studies of HIV and human herpesvirus pathogenesis and transmission from mothers to infants, the evolution of HIV and HIV neuropathogenesis. He also established and directs the NIH-funded Fogarty International Training Program in HIV/AIDS Malignancies, which provides training for Zambian and Chinese biomedical scientists and health care providers to increase their expertise in performing biomedical, behavioral and preventative research on HIV- and AIDS-associated malignancies. Through this work and his relationship with scientists and administrators at the University of Zambia, he was able to build a laboratory and research clinic at the university's Teaching Hospital of the University of Zambia.

Andre Van der Kouwe, PhD

Dr. Van der Kouwe is the Assistant Professor in Radiology, Harvard Medical School and Assistant in Physics, Massachusetts General Hospital. He received his PhD in Biomedical Engineering from Ohio State University, 1999. Andre has been the key developer of sequences that are optimal with respect to brain morphometry, and more recently M. Dylan Tisdall has worked with Andre to develop structural sequences with embedded real-time motion correction that promise to open up structural imaging to an array of clinical populations that were difficult or impossible to image previously.

Barbara Laughton, MD

Barbara Laughton is a Developmental Pediatrician, and leads a neurodevelopmental assessment team at the Children's Infectious Diseases Clinical Research Unit, Tygerberg Hospital and Stellenbosch University, Cape Town South Africa. She is co-principal investigator responsible for the neurodevelopmental and the neuroimaging follow on study on the Cape Town participants of the CHER (Children with HIV Early AntiRetroviral treatment) trial, a co-investigator on the IMPAACT multi-site longitudinal neurodevelopmental and neuropsychological assessments of participants on the P1060 study, and HIV uninfected controls. She has 15 years' experience in neurodevelopmental and behavioral assessments on children, with 6 years in a formal research setting. She has selected a number of culturally appropriate assessment tools and overseen their translation into local languages of Afrikaans and Xhosa, and trained Research Assistants to administer them. Other interests are the neurodevelopmental outcomes of prematurely born infants and the management of children with Cerebral Palsy.

Alfred Njamnshi, M.D., M.A, DMS, FMH

Alfred K. Njamnshi, M.D., M.A., DMS, FMH, is Swiss board-certified as a consultant neurologist and clinical neurophysiologist. Dr. Njamnshi currently heads the Neurology Department of the Central Hospital Yaoundé (Teaching Hospital). He is also vice dean in the Faculty of Medicine and Biomedical Sciences of the University of Yaoundé 1 in Cameroon. He is the founding president of the Society of Cameroonian Neurologists and First Vice President of the Cameroonian League Against Epilepsy, in charge of international affairs. Professor Njamnshi has shown leadership in the development of neurology in Cameroon and now contributes to the development of neurology and neuroscience in other African countries. Formerly, he was sub-director in charge of disease control, and later, of scientific networks in the Ministry of Public Health of Cameroon, contributing to evidence-informed policy in neurological disorders. On the international scene, Professor Njamnshi is president of the Pan African Association of Neurological Sciences, regional director for Africa of the World Federation of Neurology (WFN), and chair of the Africa Committee of the WFN. He is also a board and faculty member of the Africa Committee of the International Brain Research Organization (IBRO). In these capacities, he has played a key role in the EFNS-IBRO-WFN-sponsored neurology teaching courses and in many neuroscience schools in Africa, mentoring a good number of young African neurologists and neuroscientists. Professor Njamnshi has published significantly in the areas of epilepsy, stroke, and neurological manifestations of AIDS.

Georgette Kanmogne, PhD, MPH

Dr. Georgette Kanmogne is an Associate Professor and Vice Chair for Resource Allocation and Faculty Development in the University of Nebraska Medical Center's department of Pharmacology and Experimental Neuroscience. She studies the effects of the HIV-1 virus on the brain. Her research examines how the virus infects the brain and may cause HIV-associated dementia. In addition to working at UNMC, she is a faculty member for the Nebraska Center for Virology.

Dr. Kanmogne's laboratory uses many different types of experiments to unravel the puzzle of how the HIV-1 virus damages the blood-brain barrier and invades the brain. She uses laboratory techniques like tissue culture, Laser Confocal Microscopy, proteomics, microarray and PCR to learn about the virus and its effects on the brain. In

addition to her work on the blood-brain barrier, she studies the vascular biology of HIV infection and complications to the lungs due to AIDS.

Dr. Kanmogne received her PhD in Molecular Parasitology from the University of Bristol in the United Kingdom. She has received fellowships and awards from the World Health Organization, the British Society of Parasitology and the American Foundation for AIDS Research. She is a member of the American Society for Virology and the International Society for NeuroVirology. Work in Dr Kanmogne's laboratory is funded by grants from National Institute of Health and the American Lung Association.

Kieu Phung, MD, PhD

Dr. Kieu Phung holds a medical degree from McGill University, Montreal, Canada, a Certification of the College of Family Physicians of Canada (CCFP), and a PhD degree in neuroepidemiology from the Faculty of Health Sciences, Copenhagen University, Copenhagen, Denmark. Since 2008, she has been a postdoctoral researcher at the Danish Dementia Research Center, Department of Neurology, Center of Neuroscience, Copenhagen University Hospital Rigshospitalet, Copenhagen, Denmark. From October 2011 to July 2013, she was a Research Associate at the Faculty of Health Sciences, American University of Beirut, working as project manager/coordinator for the study "Prevalence of Dementia in Lebanon: A Nationwide Community-Based Cohort Study" funded by the Fogarty International Center, the National Institute of Health, and the National Institute of Aging, under the BRAIN program. She was primarily responsible for the day-to-day execution and co-led the study with the principal investigators. Her major research interest is cross-cultural dementia epidemiology and cross-cultural cognitive assessment, diagnosis and care for people with dementia. She has published ten scholarly papers in peer-reviewed medical journals. She is member of the College of Physicians and Surgeons of Ontario, Canada; the College of Family Physicians of Canada, the Danish Medical Association; the Alzheimer's Association International Society to Advance Alzheimer Research and Treatment (ISTAART); the Canadian Coalition for Global Health Research; and Women in World Neuroscience.

Monique Chaaya, Dr.Ph

I am currently a professor and chair at the Department of Epidemiology and Population Health in the American University of Beirut. I am a 1999 graduate of the Johns Hopkins Bloomberg School of Public Health with a Dr. PH in Mental Health. My main research interests focus on two priorities in public health namely tobacco control and mental health. While working on postpartum depression in 1998, I was struck by the high rate of maternal smoking and decided to pursue this public health issue to better understand women's smoking behavior. At the same time, I developed a particular interest in investigating water pipe smoking, a popular type of tobacco in Lebanon and the region. I published several manuscripts on prenatal smoking. This line of research has led to several collaborations with colleagues at AUB, the Syrian Center for Tobacco Studies (SCTS) and researchers from Memphis University and Virginia Commonwealth University. Other collaborations resulted in successfully securing 4 research grants from Research for International Tobacco Control (RITC) at The International Development Research Centre, Canada. I was the PI one of them: "Determinants & Consequences of smoking the Nargile: Extending the Research Agenda". I conducted research studies on mental health of vulnerable populations, specifically on pregnant women, prisoners of war, displaced and older adults in underprivileged communities. I also validated in Arabic three mental health scales, one of which is the Geriatric Depression Scale (GDS). In 2011, I received an R21 NIH grant to study prevalence of dementia in Lebanon. This study is done in collaboration with research institutions in Denmark (Rigshospitalet, University Hospital of Copenhagen) and UK (King's College London, Institute of Psychiatry). As an epidemiologist with strong quantitative skills, I maintained an active collaboration with colleagues in the Faculty of Medicine and recently was a co PI on a national study looking at rheumatological diseases' burden

and risk factors.

Daniel Mamah, MD, MPE

Dr. Daniel Mamah's early education was in Port Harcourt, Nigeria followed by medical training in Budapest, Hungary, and psychiatry residency at Washington University in St. Louis. He did an NIH T32 post-doctoral fellowship in "Psychiatric Epidemiology and Biostatistics" and received a master's degree in psychiatric epidemiology (M.P.E.). Dr. Mamah is currently an assistant professor in the department of psychiatry at Washington University. His research efforts have focused on high-risk and early stage psychiatric disorders using multiple approaches, including epidemiologic assessments of psychotic experiences in the United States, Kenya and Rwanda. His work in high-risk individuals have also included development of assessment tools to measure psychosis- and bipolar-risk symptoms and perceived stress burden, as well as computerized cognitive interventions. Dr. Mamah is also active in neuroimaging research, and has received an NIH career development award and a NARSAD young investigational award to evaluate the structure and shape of brain regions in psychiatric populations. Imaging modalities used in Dr. Mamah's laboratory include neuromorphometry, functional connectivity MRI and diffusion MRI, and he is introducing newer imaging methods (e.g. GEPCI, NMF-based biclustering) to psychiatric imaging. Dr. Mamah was the founding president of the Missouri Psychiatric Association, and was the youngest member of the DSM-5 Task Force.

Steven Schiff, MD, Ph.D

Steven J. Schiff, Brush Chair Professor of Engineering and Director of the Penn State Center for Neural Engineering, is a faculty member in the Departments of Neurosurgery, Engineering Science and Mechanics, and Physics. A Pediatric Neurosurgeon with particular interests in Epilepsy, Hydrocephalus, and Sustainable Health Engineering in Global Health, he holds a Ph.D. in Physiology, and an M.D., from Duke University School of Medicine. His book on Neural Control Engineering, was published by the MIT Press in 2012. Dr. Schiff has been listed in the Consumer's Research Council of America's guides to top physicians and surgeons, and is a Fellow of the American Physical Society, the American College of Surgeons, and the American Association for the Advancement of Science. He **plays** the viola in the Nittany Valley Symphony in an out of tune manner.

Bryan Forsyth, MB, ChB, FRCP

Brian Forsyth, MB ChB, FRCP(C) is Professor of Pediatrics and Yale Child Study Center at Yale University School of Medicine and is Deputy Director of the Center for Interdisciplinary research on AIDS (CIRA) at Yale. He is a graduate of the University of Glasgow, Scotland and did his pediatric residency at McGill University in Montreal before becoming a Robert Wood Johnson Fellow in General Academic Pediatrics at Yale.

Dr. Forsyth's international research has focused in two different areas and the overlap between these two: the first focus is on the effects of the AIDS epidemic on women and children; and the second, is on child development in low and middle-income countries. He has recently completed a NIH-sponsored study demonstrating the efficacy of an intervention designed to promote resilience among young children of HIV-infected mothers and is presently conducting a study examining the development of HIV-exposed, uninfected infants. Dr Forsyth and Dr Ilgi Ertem, from the University of Ankara, are co-principal investigators on the present multicenter study being conducted in Argentina, India, South Africa and Turkey. This study is building on the prior work of Dr Ertem who developed the Guide to Monitor and Support Child Development, the use of which has now been widely implemented in Turkey. The study is designed to further develop this instrument so that it provides a valid means of assessing and monitoring young children's development across different cultures and languages.

Reinaldo Oria, PhD

Dr. Reinaldo B. Oria is currently associate professor at the Federal University of Ceara, School of Medicine, Department of Morphology and Institute of Biomedicine. Dr. Oria is a former research fellow under Dr. Richard Guerrant's mentorship, during 2002-2004 when he was trained in his laboratory among other research fellows in Infectious Diseases at the Center for Global Health at the University of Virginia (UVa), as part of his PhD training and during his post-doc studies in 2008. He also worked in close contact with Dr. Peter D. Patrick and Dr. James Blackman in the Kluge Children's Rehabilitation Center at UVa, where he was trained for cognitive assessment in young children and infants. In addition, he has developed skills for genetic analysis in critical research areas, including *cryptosporidium* diagnostics by PCR and polymorphisms on the ApoE gene and pro-inflammatory cytokines, such as TNF-alpha and IL-1RN. Based on his high productive training, he was able to go back to his home country in Brazil and finished his PhD program in Pharmacology at the Federal University of Ceara (end of 2004). He also has reached a faculty position back in his University, as associate professor (2005) at the Morphology Department and also he was selected as research member of the Institute of Biomedicine (UPC&IBIMED, part of the Center for Global Health family) under the coordination of Dr. Aldo A.M. Lima, chief of the collaboration with the University of Virginia. There he was able, based on NIH-based funding and support, to launch a laboratory of molecular biology, setting equipment for western blotting, PCR and a behavior studies. Therefore, contributing more with basic and clinic research housed at the IBIMED center, at the School of Medicine, Federal University of Ceara, in the Northeast of Brazil. In addition, recently, a consortium of researchers, including himself, from this research center, was granted with a nationwide- competition Grant under the Brazilian government sponsorship (FINEP), to purchase some state-of-art-equipment for basic research. Recently, he has launched new collaborations base on a NIH R01 application with Duke University APOE outstanding researchers including Dr. Michael Vitek and Dr. Carol Colton, which can further enable him to reinforce his laboratory infra-structure for local research. In summary, this NIH grant and training program has enabled him to plan, develop, and set up a new laboratory at his University in Brazil and has continued a fruitful collaboration with Dr. Richard L. Guerrant at the Center for Global Health, as well as other collaborators at the University of Virginia and extramural in the US and in Brazil, in order to build a sustainable research program locally in his homeland. More importantly, Dr. Guerrant's visionary project towards Global Health, as a bridge to peace by means of improved health, still inspires him and his colleagues at our sister-Institute to look for new and innovative ways for enhancing global health and neuroscience research novel initiatives towards optimal child development. Currently he has been involved in the Mal-ED network consortium and Gut Function Biomarkers grant funded by Bill and Melinda Gates Foundation to study consequences and mechanisms through which malnutrition and enteric diseases early in life compromise child development.

Fleur Howells, Ph.D

The presented research forms part of an on-going collaboration with my doctoral thesis supervisor, PI Professor Vivienne A Russell, both of us having a vested interest in understanding neuronal vulnerability in the psychiatric disorders. I am committed to developing neuroscience research capacity and understanding the neurobiology of psychotic disorders, more specifically a psychotic disorder - schizophrenia. Ultimately my research aim is to improve diagnosis and prognosis of individuals that present with schizophrenia. I conducted my doctoral research in a basic neurophysiology lab under the

supervision of Professor Vivienne A Russell – disorder under enquiry attention-deficit hyperactivity disorder. My aspiration has always been towards developing novel strategies through applying basic neurophysiology to clinical research and vice-versa in schizophrenia. During my postdoctoral years, mentor Professor Dan J Stein, I was able to develop lines of clinical enquiry using my basic neurophysiology background. This has led to the development of brain imaging methodologies that are relatively new to South Africa – research electroencephalography (frequency analysis, event-related potentials (ERPs)) and ¹H-magnetic resonance spectroscopy (¹H-MRS). I will be applying for NIH research grants as a young principle investigator in the New Year, via the Brain Disorders mechanism. These grant applications will provide a unique opportunity, where novel lines of enquiry into the neurobiology of schizophrenia will incorporate full translation between clinical and basic research.

Michael Zigmond, Ph.D

Michael J. Zigmond is Professor of neurology and psychiatry at the University of Pittsburgh School of Medicine. Zigmond received his undergraduate degree from Carnegie Institute of Technology (now Carnegie Mellon University) in chemical engineering in 1963. He then was trained in neuroscience at the University of Chicago (Ph.D., 1968) and the Massachusetts Institute of Technology before joining the faculty at the University of Pittsburgh in 1970. He currently co-directs the university's program in Parkinson's disease and related disorders.

Zigmond is the Program Director of an NINDS-program Project Grant on basal ganglia and Parkinsonism and is the recipient of a MERIT award from NIMH for his work on the neurochemical effects of acute and chronic stress. He also serves on the editorial board of several journals, served as secretary of the Society for Neuroscience from 1994 to 1996, and is an active member of the advisory board of the Society of Neuroscientists of Africa.

Zigmond has been involved in interdisciplinary training in neuroscience for some time. He served as the first director of training for the University's Center of Neuroscience (1983-1989) and has been the director of an NIMH-supported training grant since 1984. In 1990-91, he served as president of the Association of Neuroscience Departments and Programs. In 1996, he was appointed to the faculty of the University's School of Education.

Bahr Weiss, Ph.D

Dr. Bahr Weiss is the Associate Professor of Psychology and Human Development, a Visiting Foreign Professor at Vietnam National University and a Senior Fellow, Vanderbilt Institute for Global Health. Professor Weiss' main areas of research interest are assessment of the efficacy, and factors predictive of the efficacy, of child psychotherapy under non-research conditions; development of psychological interventions for non-Western populations; and comorbidity in child psychopathology.

Particular interests are understanding what factors are responsible for the apparent differences in the effectiveness of child therapy under research and non-research conditions, and using knowledge of these factors to improve the effectiveness of child therapy under naturalistic conditions. Particular interests are the modification of psychological interventions for use with Southeast Asian refugee children, which necessitates understanding how these children's culture might influence response to interventions developed for Euro- and Afro-Americans. Particular interests are understanding the dimensions of comorbidity (e.g., whether it occurs at the broadband level - Internalizing and Externalizing problems - or at the narrowband level - aggression and depression), the consequences of comorbidity, and causal relations among the comorbid problem areas.

Richard Scheffler, PhD

Distinguished Professor of Health Economics and Public Policy at the University of California, Berkeley and holds the Chair in Healthcare Markets & Consumer Welfare endowed by the Office of the Attorney General for the State of California. He is Director of The Nicholas C. Petris Center On Health Care Markets and Consumer Welfare. At Berkeley, he serves as Co-Director of the Scholars in Health Policy Research Program funded by the Robert Wood Johnson Foundation; he is founding Co-Director of the National Institutes of Mental Health (NIMH) pre- and post-doctoral training programs. Co-directs the NIH-Fogarty Mental Health & Policy Research Training for Czech Post Doctoral Scholars program; the Agency for Healthcare Research and Quality (AHRQ) pre and postdoctoral training program; and the Edmund S. Muskie Fellowship Program. He served as President and Program Chair of the International Health Economics Association (iHEA) 4th World Congress San Francisco, June 2003. His research is on healthcare markets, health insurance, the health work force, mental health economics, and international health system reforms in Western and Eastern Europe. Professor Scheffler is the current recipient of the American Public Health Association's Carl Taube Award, which honors distinguished contributions to the field of mental health services research. He is a recipient of a senior scientist award from NIMH for work on mental health parity, the economics of the public mental health system in California, managed care in mental health, and the mental health work force. Professor Scheffler has been a Fulbright Scholar, a Rockefeller Scholar and a Scholar in Residence at the Institute of Medicine–National Academy of Sciences. Professor Scheffler has published over a hundred papers and edited and written six books. His forthcoming book is on the future of the health work force – University of California Press.

Kerim Munir, MD

Dr. Munir received his medical degree from University College London. He completed an internship at St. George's Hospital in London and a residency and fellowship at Massachusetts General Hospital.

Kerim Munir's research is focused on defining the etiology and pathology of autism and other developmental disorders. His recent work has explored the possibility of an autoimmune origin for autism, possibly within the gastrointestinal system, but spreading to the central nervous system. He has identified one candidate "trigger" for such an autoimmune response--secretin--a protein found in the gut as well as in the CNS. Additional study may determine whether secretin or its receptor bears a molecular resemblance to the MMR vaccine, whose administration has been associated with the onset of autism.

Byron Good, Ph.D, BD

Byron J. Good is Professor of Medical Anthropology and former Chair (2000-2006), Department of Social Medicine, Harvard Medical School, and Professor in the Department of Anthropology, Harvard University. Dr. Good is director of the International Mental Health Training Program, funded by the Fogarty International Center to train psychiatrists from China in mental health services research. He co-directed the NIMH Training Program in Culture and Mental Health Services, which brought post-doctoral trainees in medical and psychiatric anthropology to Harvard for 24 years.

Dr. Good holds a B.A. degree from Goshen College, a B.D. from Harvard Divinity School, and the Ph.D. in anthropology from the University of Chicago. He joined Harvard Medical School as an assistant professor in 1983.

Ayesha Kamal, MBBS

I am an academic vascular neurologist trained in the USA, and working in Pakistan. Being the only American trained stroke neurologist in Pakistan, I have by now had the unique opportunity to work with three world populations, Caucasians at Cornell, African Americans at Temple, and now South Asians at the AKU. Although the vascular epidemiology of each is unique, what unites them all is the fact that a lot of these tragic vascular events can be prevented by attention to modifiable risk factors. My own work, whose focus is vascular disease, has

highlighted the enormous lifetime prevalence of stroke in Pakistan, the fact that it is equal in men and women, the fact that most have multiple risks and that besides traditional risk factors, stress , socioeconomic determinants are independent disease associations. We have reported that in our vascular clinic, we are often providing hypertension control, initiation of statins, lifestyle changes etc , something that is often too late. To provide evidence for implementation to bridge this gap and to enable more people to come together to find solutions is the impetus for writing this proposal. I also direct an NIH funded clinical research training program, we have funded fellows with Masters in Epidemiology and Biostatistics, that will also assist in analysis and build capacity as a result of this project. I am also fully aware of the challenges of working in Pakistan – as I am of the potential of training and enablement of research in this region. My experience and interest in vascular event prevention and understanding of risks in this region will enable this work. Her team has recently received a URC grant entitled “Translating knowledge for action against stroke - Using 5 minute videos for numeracy and literacy challenged stroke survivors and caregivers to improve outcomes.” Her team has also received an award from Grand Challenge Canada to make a non-invasive glove to measure blood pressure, sugars , lipids essentially stroke risks.

Ghada El-Hajj Fuleihan, MD, MPH

Dr El-Hajj Fuleihan is Professor of Medicine, founding Director of the Calcium Metabolism and Osteoporosis Program, and of the WHO Collaborating Center for Metabolic Bone Disorders, at the American University of Beirut, Beirut, Lebanon. Dr El-Hajj Fuleihan obtained her MD degree from the American University of Beirut and completed her residency and fellowship at the New England Deaconess and Brigham and Women’s Hospitals, Harvard Medical School, Boston. She received a master in Public Health from the Harvard School of Public Health and directed the Calcium Metabolism Research Unit at the Brigham and Women’s Hospital, Harvard Medical School for several years prior to moving back to her Alma Mater.

Dr. El-Hajj Fuleihan’s major research interests revolve around, osteoporosis, hypovitaminosis D, metabolic bone disorders, calcium-sensing, and women’s health issues. Her vitamin D program spans epidemiology to cohort as well as randomized controlled trials across the lifespan. She has published on her topics of interest in over 120 publications, including peer-reviewed first tier original investigations, several invited Editorials and commentaries in the New England Journal of Medicine and Journal of Clinical Endocrinology and Metabolism, Nature Reviews Endocrinology, and has written several reviews and chapters in major reference textbooks and in the CD Rom UpToDate, <http://staff.aub.edu.lb/~webcmop/publications.html>.

Eric Caine, MD

Professor Caine is one of the United States’ foremost researchers in the field of risk factors for suicide and ways to prevent suicide. He has served since 1996 as the John Romano Professor and Chair in the Department of Psychiatry at the University of Rochester Medical Center (URMC), and is Co-Director of the Center for the Study and Prevention of Suicide at URMC since its founding in 1998. Professor Caine also currently directs the Center for Disease Control funded Injury Control Research Center for Suicide Prevention (ICRC-S), the only such center in the United States devoted to suicide prevention. Its mission is to merge injury prevention and mental health perspectives to forge new public health, community oriented approaches to preventing suicide, attempted suicide, and their antecedent risks.

He has served during the past decade as an expert consultant to the President’s New Freedom Commission on Mental Health and the Veterans Administration Blue Ribbon Panel on Suicide Prevention. Recently he was a member of a federal task force charged with re-drafting the National Strategy for Suicide Prevention, a subgroup of the National Action Alliance for Suicide Prevention.

With his colleagues in Rochester, the U.S., and internationally, Professor Caine has investigated factors that contribute to suicide, with a recent focus on links to unemployment, the choice of specific methods, and the burdens of suicide and attempted suicide during young and middle adulthood. Much of his current work has addressed public health approaches to prevention that complement individually oriented treatments. He has been the principal investigator of multiple National Institutes of Health research and training grants related to suicide research and prevention, and since 2001 has led a series of collaborative initiatives in China that deal directly with suicide prevention, the delivery of mental health services in developing countries, and the potential for public health approaches to reduce injuries and prevent premature deaths.

Sharon L. Juliano, Ph.D

Dr. Sharon L. Juliano is a Professor of Anatomy, Physiology, and Genetics, Neuroscience, and Cell and Molecular Biology at USUHS in Bethesda, MD. She is the current director of the Neuroscience Program at USUHS. Dr. Juliano received her PhD at the University of Pennsylvania and conducted a postdoctoral fellowship at the University of North Carolina at Chapel Hill. She also completed a Senior Fellowship (Poste Orange) in Creteil, France. Her scientific work centers on the development of the cerebral cortex and investigates the mechanisms of tangential and radial migration of neurons into their target sites. More recently this research expanded to include changes in neocortical architecture after TBI. For many years Dr. Juliano has been active in the International Brain Research Organization (IBRO), and organized workshops and courses in Africa, South America, and Eastern Europe. Dr. Juliano was a member of the joint international committee of IBRO, SfN, and the NAS (IAC/USNC) and under that umbrella organized the African Teaching Tools Workshop, which still continues. She is the current chair of the US/Canada Regional Committee of IBRO. She also served as the chair of Committee on Animals in Research of the SfN and the Ethics in Research of IBRO. Dr. Juliano is also on the organizational committee and director of Neuroplasticity Group of the Center for Neuroscience and Regenerative Medicine (CNRM) a DOD funded project collaboration between USUHS/NIH. Dr. Juliano received the Flexnor Award for Outstanding Research, the Cajal Club Cortical Explorer Award, the Simpson Award, given by iiFAR, the Distinguished Service Medal, the Henry Wu Award for Excellence in Research, and the SfN Neuroscience Educator of the Year Award. She sits on several editorial boards, and participated in many advisory committees including those to the Institute of Medicine, the NIH, and IBRO.

Vivienne A. Russell, Ph.D.

Professor Vivienne Russell leads research projects focused on neurodegenerative disorders (e.g. Parkinson's Disease) and Attention Deficit Hyperactivity Disorder (ADHD). She is presently Professor in Human Biology at the University of Cape Town and will soon-to-be Emeritus Professor, University of Cape Town and Professor, University of KwaZulu-Natal. In the last two years, she has published 20 publications and mentored 4 MSc and 4 PhD Students.

Linda Cottler, Ph.D.

Dr. Linda Cottler is Associate Dean for Research and Planning at the College of Public Health and Health Professions and Dean's Professor and Founding Chair of the Department of Epidemiology at the College of Public Health and Health Professions and the College of Medicine at the University of Florida. She received her PhD in Sociology from Washington University in 1987. Dr. Cottler has conducted numerous studies in several major areas with public health importance. These include: the development of culturally reliable and valid measures for identifying substance use, abuse and dependence, along with psychiatric disorders and their risk factors; innovative methods for conducting national surveys of high risk behaviors; and community based, peer-delivered interventions to change HIV risk behaviors and substance abuse. The Cottler lab has focused its work with underrepresented populations including prescription drug misusers, former National Football League players, stimulant users among youth 10 to 18 years of age, out-of-treatment drug users and heavy drinkers, and

criminal justice populations. Dr. Cottler has expanded her community focus to the CTSA Community Engagement Program, first at Washington University as Director and now at the UF program as Co-director. Pertinent to this effort is her HealthStreet model, a hub for gathering person centered information to link community residents to social and medical referrals, health messages, and research opportunities. Cottler's work has had international focus as well, extending to Sydney, Taipei, Bangalore and Afghanistan. Dr. Cottler's research has been funded continuously since 1989 by NIDA, NIAAA, NCRR, NCATS, NINR, NIMH, NHLBI, Pinney Associates and ESPN. She has served in many capacities, including Director of the Master of Psychiatric Epidemiology program at Washington University, former Director of a 28-year NIMH Post-Doctoral Training Program and former Director of an 11-year NIDA T32 Training Program. She was principal investigator of a Fogarty International Center Training Program partnering with the National Institute of Mental Health and Neurosciences in Bangalore, India beginning in 2001, and is currently the PI of a new Fogarty International Center Training Program focused on non-communicable diseases in India. She has directly mentored over 60 pre-and post-doctoral fellows, who are now themselves making important contributions to research. Dr Cottler was at Washington University for 30 years prior to joining University of Florida in 2011. In her career, she has received numerous awards for mentoring and excellence in research and has directed many collaborative studies.

Nancy Carney, PhD

Dr. Carney has been working in Latin America, teaching and conducting research, for over thirteen years. She was Co-Investigator and Project Director for a 3-center observational study of outcomes from traumatic brain injury (TBI) conducted in Argentina beginning in 2000, funded by the National Institute on Disability and Rehabilitation Research (NIDRR). Her FIC *Brain Disorders in the Developing World: Research Across the Lifespan* grants include being a co-PI for a pediatric R21, a co-PI for a subsequent R01 that involves a 6-center randomized controlled trial (RCT) of the use of the ICP monitor to direct treatment for adult patients with severe TBI and PI for the FIC International Collaborative Trauma and Injury Research Training Grant (D43-TW007566) *Neurotrauma Research Training in Latin America*. For the program, she developed, in collaboration with Latin American colleagues, the trauma research training curricula now being taught at University of Rosario and at Hospital de Emergencias “Dr. Clemente Alvarez” (HECA). She is Principal Investigator on a second R01 RCT of a post-discharge home care intervention for pediatric patients with moderate to severe TBI. In addition to her clinical research, she is Principal Investigator for the DoD-funded project to define concussion and derive evidence-based diagnostic criteria and prognostic indicators. She is the Director of the Brain Trauma Foundation’s Center for Guidelines Management, and is responsible for the ongoing generation of evidence-based guidelines for the treatment of TBI.

Dushyant Purohit, MD

Dr. Purohit received his medical education and degree in India and then went on for specialty training in Pathology and Neuropathology in Oxford and Newcastle in England, where he obtained MRCPATH and FRCPath degrees. His research interest on neuropathology of dementia started while working with Professor Sir Barnard Tomlinson and Dr. Robert Perry at Newcastle General Hospital where he was introduced to the diagnostic characterization of Alzheimer’s disease that was pioneered by Dr. Tomlinson in early 70’s as “senile dementia of Alzheimer’s type”. In 1989, he began his current appointment at Mount Sinai in the Department of Pathology and worked as a neuropathologist to Mount Sinai ADRC and several other grant funded research projects on neurodegenerative disorders. After his board certification, he has participated in the department’s diagnostic and teaching work. At Mount Sinai, Dr. Purohit devoted a major part of his time in studying and characterizing neuropathology of Alzheimer’s disease and allied dementing diseases, and provided neuropathology research support to the Mount Sinai/ Bronx VA Neurodegenerative Disorders Brain Bank that has over 1700 brain specimens banked in 25 years. For this, he worked closely with Dr. Haroutunian and Dr. Dan Perl. He has co-authored over 60 publications.

In the last 8 years, he has initiated and developed a Dementia Research Center in Mumbai, India with the Fogarty-NIH grant support and under the guidance of Dr. Mary Sano. He is also a member of a group of scientists studying dementia in developing countries and has travelled to Nairobi for the group’s three symposia in last few years. He is avid supporter of Fogarty’s programs for research development in the low and middle income countries and believes that the FIC program “Brain Disorders in Developing Countries – Research across the Lifespan” has had tremendous impact in LMIC. There is clearly a vast amount of work that would have never been funded and done if it were not for this mechanism. It has made a difference to the research knowledge, applications and training as well as individual careers. I am confident there are numerous success stories to find in this 10th anniversary networking meeting similar to our previous annual gatherings.

Joseph Zunt, MD

Dr. Zunt is a Professor in the Department of Neurology and Global Health and Adjunct Professor in the Departments of Medicine and Epidemiology at the University of Washington. He received his medical degree from the University of Minnesota, completed his neurology residency and infectious diseases fellowship at the University of Washington. He also obtained a Masters degree in Public Health (Epidemiology) and a Teaching

Scholars Certificate Program at the University of Washington. Over the past 17 years, he has built a collaborative research and training network involving the University of Washington and numerous medical centers, nongovernmental organizations and universities throughout Peru.

Dr. Zunt is board-certified in neurology and a member of the American Academy of Neurology, the International Society for Neurovirology, the North American Neurocysticercosis Consortium, the Sociedad Peruana de Neurologia and the World Federation of Neurology. He is Co-Director of the CFAR International Core, PI of one of five NIH Fogarty Global Health Fellows Program Consortia, member of the Department of Global Health Curriculum Advisory Group, Global Health Pathway Working Group and Internal Medicine Residency Global Health Advisory Group.