

National Children's Study Federal Advisory Committee Member Biographies

Carol J. Henry, PhD, DABT, is a Professorial Lecturer at the George Washington University School of Public Health and Health Services and a consultant to Society of Automotive Engineers (SAE) International. She teaches in the Department of Environmental and Occupational Health and advises organizations on issues in toxicology, risk assessment, public and environmental health, and sustainable green chemistry and engineering practices.

She retired as Vice President, Industry Performance Programs, at the American Chemistry Council in November 2007. Previously, Dr. Henry served as Director of the Health and Environmental Sciences Department at the American Petroleum Institute; Associate Deputy Assistant Secretary for Science and Risk Policy at the U.S. Department of Energy; and Director of the Office of Environmental Health Hazard Assessment (OEHHA) at the California Environmental Protection Agency. As Director of OEHHA, she was appointed by the Governor of California and confirmed by the California State Senate.

She is Chair of the Federal Advisory Committee for the National Children's Study; Co-Chair of the Montgomery County Maryland Water Quality Advisory Group; and a Councilor and Past-President of the Chemical Society of Washington of the American Chemical Society. She is a member of the Joint Committee on the ANSI NSF Green Chemistry Institute Greener Chemical Products and Processes Standard Initiative; the Board on Chemical Sciences and Technology of the National Research Council; the Environmental Health Perspectives Editorial Board; the American College of Toxicology, of which she was president; the Society of Toxicology; and the American Association for the Advancement of Science. Dr. Henry received her undergraduate degree in chemistry from the University of Minnesota and doctorate in microbiology from the University of Pittsburgh. She held postdoctoral fellowships at the Max Planck Institute in Tubingen, Germany; Princeton University in Princeton, New Jersey; and Sloan Kettering Institute for Cancer Research in New York City. She is a diplomate of the American Board of Toxicology, certified in general toxicology.

Kate Winseck, MSW, is a Contracting Officer Technical Representative (COTR) for National Children's Study Centers in California, Illinois, Minnesota, Pennsylvania, Tennessee, and Texas.

In addition to her duties as Project Officer, Ms. Winseck serves as the Designated Federal Official/Executive Secretary for the Federal Advisory Committee of the Study and serves on the Study's Communications Team. Formerly, she was the Outreach and Communications Coordinator for the National Children's Study, in which she was responsible for managing external communications with federal and non-federal Study supporters, and for strategic community outreach planning, development, and implementation.

Mrs. Winseck came to the National Institutes of Health in 2003 as a Presidential Management Fellow with the National Cancer Institute. Prior to coming to NIH, she held a number of research and clinical social work positions in Philadelphia, New Jersey, and western Massachusetts. The focus of her work was on community health, specifically maternal and child health within underserved communities.

Mrs. Winseck holds a Masters in Social Work from the University of Pennsylvania School for Social Policy and Practice, and a Bachelor of Arts degree in Sociology from Gettysburg College.

Wilma Brakefield-Caldwell, RN, is a community activist and member of the Community Action Against Asthma (CAAA) steering committee in Detroit, Michigan. Ms. Caldwell received her BS in nursing from Wayne State University and worked for 28 years with the Detroit Health Department (DHD). During her time with the DHD, Ms. Caldwell worked as a public health nurse, a public health nurse supervisor, a project coordinator, a public health nursing administrator and most recently, as health care administrator. In that capacity, Ms. Brakefield-Caldwell served as the Detroit Health Department representative to the CDC-funded Detroit Community-Academic Urban Research Center. Ms. Brakefield-Caldwell retired from the Detroit Health Department in 1998 but continues to serve as a community representative on the CAAA steering committee. Ms. Brakefield-Caldwell has spoken to numerous national groups and been interviewed by newspapers and journals concerning her involvement in community-based participatory research projects.

Maria Cancian, PhD, is Professor of Public Affairs and Social Work, L&S Associate Dean for Social Sciences, and an affiliate of the Institute for Research on Poverty at the University of Wisconsin-Madison. Her research considers the relationship between public policies and changes in marriage, fertility, and employment, with a focus on the implications of child support policy for the well-being of divorced and never-married families, the employment and income of women who have received welfare, and the impact of married women's growing employment and earnings on marriage patterns and the inter- and intra-household distribution of income. Ongoing research projects consider the implications of multiple partner fertility for family organization and policy, as well as the interactions of the incarceration, child welfare, and child support systems.

Professor Cancian has been a Visiting Scholar at the Russell Sage Foundation, a Visiting Fellow at the Public Policy Institute of California, and will spend 2010-2011 as a W. T. Grant Foundation Distinguished Fellow in residence at the Wisconsin Department of Children and Families. She has served as Director of the Institute for Research on Poverty and Vice President of the Association for Public Policy Analysis and Management. She received her doctorate in Economics from the University of Michigan.

José F. Cordero, MD, MPH, is the Dean of the Graduate School of Public Health at the University of Puerto Rico since August 2006. Prior to this appointment Dr. Cordero was an Assistant Surgeon General of the Public Health Service and the Founding Director of the National Center on Birth Defects and Developmental Disabilities (NCBDDD),

Centers for Disease Control and Prevention (CDC) in Atlanta, Georgia. He served in this capacity since the establishment of the center on April 16, 2001. Dr. Cordero worked for 27 years at the CDC and extensive public health experience in the fields of birth defects, developmental disabilities, and child health.

A native of Puerto Rico, Dr. Cordero obtained his medical degree from the University of Puerto Rico in 1973. He completed residency training in pediatrics at Boston City Hospital and a fellowship in medical genetics at the Massachusetts General Hospital. In 1979, Dr. Cordero obtained a Masters in Public Health from Harvard University and joined the CDC as an Epidemiologic Intelligence Service (EIS) officer. His first assignment as an EIS officer was with the Birth Defects Branch, where he spent more than 15 years working on birth defects, disabilities, and other child health issues. In 1994, Dr. Cordero was appointed deputy director of the National Immunization Program, where he made important and long-lasting contributions in many areas of one of the nation's most successful public health programs. In 2001, he was named the first director of the NCBDDD that was created by the Children's Health Act of 2000. In a few years, NCBDDD became a leading international institution devoted to research and prevention of birth defects and developmental disabilities and health promotion of people of ages living with disabilities.

A former President of the Teratology Society, a professional research society devoted to the prevention of birth defects, Dr. Cordero has promoted the eradication of rubella (German measles), a major cause of birth defects that can be prevented through vaccination. He has also promoted research to determine the causes of birth defects and developmental disabilities, and has promoted efforts to prevent serious birth defects (such as use of folic acid to prevent spina bifida). He is a strong supporter of programs that promote wellness of persons with disabilities.

Dr. Cordero's work has been published in many national and international journals, and he is regularly requested to speak at national and international meetings.

Ana V. Diez-Roux, MD, PhD, MPH, is an epidemiologist whose work has focused on the examination of the social determinants of health. Originally trained as a pediatrician in Buenos Aires, Argentina, she received a Masters in Public Health and a PhD in Health Policy from the Johns Hopkins School of Hygiene and Public Health. She is currently Professor of Epidemiology at the University of Michigan. Dr. Diez-Roux's research has focused on the social determinants of cardiovascular disease with special emphasis on the examination of how residential environments shape the distribution of cardiovascular risk. Recent work also investigates the role of air pollution exposures and psychosocial stress in the development of cardiovascular disease. Dr. Diez-Roux has been an international leader in the application of multilevel analysis in epidemiology and in the investigation of neighborhood health effects. Recent methodologic interests include applications of systems approaches in population health and health disparities. She is Co-Director of the Robert Wood Johnson Health and Society Scholar's Program at the University of Michigan, Associate Director of the Center for Social Epidemiology

and Population Health, and Director of the Michigan Center for Integrative Approaches to Health Disparities.

Jonas H. Ellenberg, PhD, is a Professor of Biostatistics in the Division of Biostatistics in the Center for Clinical Epidemiology and Biostatistics, Senior Scholar in the Center for Clinical Epidemiology and Biostatistics, and Associate Dean for Research Program Development, all at the University of Pennsylvania School of Medicine. He has almost 35 years of experience in the conduct and analysis of health studies, including observational studies, clinical trials, and health services research. He received his BS in Economics from the Wharton School of Finance and Commerce in 1963, his AM in Statistics from Harvard University in 1964, and his PhD in Statistics from Harvard University in 1970. Prior to and since joining the faculty at the University of Pennsylvania in 2004, his research interests have focused on the design, implementation, and analysis of observational clinical research studies.

Dr. Ellenberg's research career began at the NIH, where for 26 years he focused on the design and analysis of large prospective observational studies. These included the significant advancement of the understanding of the etiology and prognosis of cerebral palsy (CP) and convulsive disorders in children. Much of this work derived from the National Institute of Neurological Disorders and Stroke (NINDS) Collaborative Perinatal Project (NCP), which provided protocol structured observational data collected on 60,000 pregnant women during their pregnancies and 7-year follow-up of their children.

His collaborations with medical colleagues on evaluating prenatal, perinatal, and early developmental risk factors for cerebral palsy and convulsive disorders from the NCP database forced the rethinking of many established paradigms. Specifically, his collaborative work in describing the risk of obstetric and labor and delivery factors for CP, the delineation of risk for CP related to asphyxia, and the risk of CP associated with low birthweight and twinning strongly influenced both the contemporary thinking and the foci of subsequent work in these areas. In his 1986 Presidential Address to the American Academy of Cerebral Palsy and Developmental Medicine, Dr. Julius Richmond, former Surgeon General, said of the body of work of Nelson and Ellenberg "This work...has inserted a new excitement and intensity into the clinical and basic research directed at the cause of CP and development disabilities." In a recent 50th Anniversary Issue of *Pediatrics* (*Pediatrics* 1998;102:262-264), two papers by Nelson and Ellenberg on the etiology of CP (*Pediatrics* 1981;67:36-44; *NEJM* 1986;315:81-86) were highlighted in a separate commentary for their enormous impact on the research in this area. The Commentator wrote, "During the 120 years between [William John Little's] publication and that of Nelson and Ellenberg, a correlation between *asphyxia neonatorum* and CP was taken as a matter of faith. Nelson and Ellenberg showed that the majority of children even with low late Apgar scores did not end up with significant disabilities."

Dr. Ellenberg has written and lectured extensively on issues affecting validity and inferential viability/generalizability in clinical research, including bias arising from

subjects lost to follow-up, uniformity of methods of assessment across centers in multicenter studies, patient selection, missing data and completeness of reporting in clinical studies, and barriers to access to enrollment pools in observational studies.

His large body of peer-reviewed research papers and two edited books (*Etiology of Parkinson's Disease* and *Febrile Seizures*) reflects his collaborative spirit and capability for bringing together groups with sometime disparate goals, and creating consensus. He is past President of the American Statistical Association and of the International Biometric Society, an elected fellow of the American Statistical Association and the American Association for the Advancement of Science, and an elected member of the International Statistical Institute.

Elena Fuentes-Afflick, MD, MPH, is Professor of Pediatrics, Epidemiology, and Biostatistics at the University of California, San Francisco (UCSF). Dr. Fuentes-Afflick completed her residency and chief residency in Pediatrics at UCSF, followed by training in epidemiology and health policy. Dr. Fuentes-Afflick joined the faculty at the UCSF in 1993. Dr. Fuentes-Afflick has served on the National Advisory Council of the *Eunice Kennedy Shriver* National Institute of Child Health and Human Development and the Agency for Healthcare Research and Quality and is currently on the National Advisory Committee of the Robert Wood Johnson Foundation's Clinical Scholars Program. In 2009 she was President of the Society for Pediatric Research. Her research focuses on Latino health, with a specific interest in the impact of acculturation, immigration status, perinatal outcomes, and body mass. In 2010, Dr. Fuentes-Afflick was elected to the Institute of Medicine.

Steven K. Galson, MD, MPH, joined Amgen as Vice President of Global Regulatory Affairs in October 2010. He was Senior Vice President for Civilian Health Operations and Chief Health Scientist at Science Applications International Corporation in October 2009 through October 2010. In October 2009, he completed 23 years of government service, most recently for two years as Acting Surgeon General of the United States. Previously, he served as Director of the U.S. Food and Drug Administration's (FDA) Center for Drug Evaluation and Research (CDER) from July 2005, where he provided leadership for the Center's broad national and international programs in pharmaceutical regulation. Dr. Galson began his Public Health Service (PHS) career as an epidemiological investigator at the Centers for Disease Control and Prevention (CDC) after completing a residency in internal medicine at the Hospitals of the Medical College of Pennsylvania. He has held senior-level positions at the U.S. Environmental Protection Agency (EPA); the U.S. Department of Energy, where he was Chief Medical Officer; and the U.S. Department of Health and Human Services. Prior to his arrival at FDA, he was Director of the EPA's Office of Science Coordination and Policy, Office of Prevention, Pesticides, and Toxic Substances. Dr. Galson joined the FDA in April 2001 as CDER Deputy Director.

Dr. Galson is the recipient of numerous awards, including the Surgeon General's Medallion and three Secretary of Energy Gold Awards. Dr. Galson has been a board member of the National Board of Medical Examiners and a peer reviewer for medical

journals. He holds a BS from Stony Brook University, an MD from Mt. Sinai School of Medicine, and an MPH from the Harvard School of Public Health. He is board certified in preventive medicine and public health and occupational medicine.

Bruce D. Gelb, MD, is the Director and Gogel Family Professor of the Child Health and Development Institute at the Mount Sinai School of Medicine. He is Professor of Pediatrics and of Genetics and Genomic Sciences. Dr. Gelb completed a pediatric residency and pediatric cardiology fellowship at Babies Hospital of Columbia-Presbyterian Medical Center and Texas Children's Hospital at the Baylor College of Medicine respectively. He joined the faculty at Mount Sinai after fellowship and has remained there since. He developed an extensive program in genomics/gene discovery for congenital heart disease. Dr. Gelb has received the E. Mead Johnson Award from the Society for Pediatric Research and the Norman J. Siegel New Member Outstanding Science Award from the American Pediatric Society. He was elected to the American Society of Clinical Investigation and the Institute of Medicine. In addition to his research, he directs the Cardiovascular Genetics and Pediatric Heart Transplantation Programs at Mount Sinai.

Jeffrey Krischer, PhD, is Professor and Chief of the Division of Bioinformatics and Statistics, and Director of the Pediatrics Epidemiology Center, Department of Pediatrics, University of South Florida College of Medicine in Tampa, Florida. He has a long-standing interest in the design, implementation, and analysis of clinical trials. He co-founded and directed the statistical office for the Pediatric Oncology Group, directed the data center for the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)-funded DPT-1 study group of Type 1 diabetes. His office currently is the data coordinating center for the TrialNet, TEDDY, and TRIGR studies of diabetes. Dr. Krischer received his PhD from Harvard University. His current research focuses primarily on the design, conduct, and analysis of multi-institutional clinical trials, the epidemiology of autoimmune disorders, rare diseases, and cancer control. Dr. Krischer is the author of more than 200 scientific papers.

Alma M. Kuby, MA, MBA, is a survey methodologist. She recently retired from NORC at the University of Chicago, where she specialized in health and child welfare studies for 17 years. At NORC she directed sensitive projects that focused on health disparities of children, including studies of drug use in minority youth and pediatric asthma, and an intervention study of Sudden Infant Death Syndrome (SIDS). She directed several longitudinal studies, including the three waves of the Multisite Evaluation of Foster Youth Programs, which was successful in overcoming significant challenges in tracking the research subjects and conducting interviews with them. Much of her work involved developing methodologies to obtain high response rates on surveys of children and parents. As a methodologist on studies like the National Immunization Survey, she tested and developed instruments to survey parents and children by conducting focus groups, cognitive testing, and instrument assessment. She served for 10 years as Chair of the Institutional Review Board at NORC after 3 years of service as a member of the Human Subjects Rights Committee, Social Sciences Division, University of Chicago.

Mrs. Kuby's previous work experience was with health care providers and children's institutions. Mrs. Kuby was Vice President for Marketing and Membership at the American Society of Clinical Pathologists, Health Care Market Manager at Illinois Bell, Director of Special Research Studies at the American Hospital Association, Research Associate at the Juvenile Protective Association, Assistant Director for the Project on Physical Facilities for the Group Care of Children at the Center for Urban Studies at the University of Chicago, and Research Associate at the Hospital Planning Council for Metropolitan Chicago.

Mrs. Kuby received her undergraduate degree in Sociology from Antioch College, Yellow Springs, Ohio. Her Masters degrees in Sociology and Business Administration were both conferred by the University of Chicago.

Patricia O'Campo, PhD, is Director of the Centre for Research on Inner City Health at St. Michael's Hospital and Professor at the Dalla Lana School of Public Health at the University of Toronto. As a social epidemiologist, she has been conducting research on the social determinants of health and well-being among women and children for over 20 years. She has focused on methods development as part of her research, including application of multilevel modeling to understand residential and workplace contexts on health; the application of concept mapping to increase community input and perspectives into research; and more recently, realist systematic review to understand how complex interventions bring about change and improvements in health. She has conducted a number of survey-based cross sectional and longitudinal studies in the areas of the social determinants of adult mental health, intimate partner violence and children's well-being, as well as clinic and community based evaluations of programs concerning smoking cessation, prevention of perinatal transmission of HIV, prevention of infant mortality, and more recently, a large intervention for homeless individuals with severe mental illness. She has been widely recognized for her contributions to the well-being of women and children through the receipt of early and mid-career awards given by national U.S. organizations, such as the American Public Health Association, the National Academy of Sciences, and the U.S. Coalition for Excellence in Maternal and Child Health Epidemiology.

Joan Y. Reede, MD, MPH, MBA, was appointed as the first Dean for Diversity and Community Partnership at Harvard Medical School (HMS) in January 2002. Dr. Reede is also the Director of the Minority Faculty Development Program and Faculty Director of Community Outreach Programs at HMS. In addition, she holds the appointments of Associate Professor of Medicine at HMS; Associate Professor of Society, Human Development and Health, at the Harvard School of Public Health; and Assistant in Health Policy at Massachusetts General Hospital.

The impact of Dr. Reede's work is reflected in the numerous programs she has created to benefit minority students, residents, scientists, and physicians. Over the past dozen years, Dr. Reede has created and developed more than 16 programs at HMS that aim to address pipeline and leadership issues for minorities and women who are interested

in careers in medicine, academic and scientific research, and the health care professions. Supported by a dedicated staff, she has developed mentoring programs for under-represented minority students from the middle school through the graduate and medical school levels. Dr. Reede is a member of the Institute of Medicine of the Academies of Science, and the recipient of the 2011 Diversity Award from the Association of Professors of Medicine.

Everett Rhoades, MD, FACP, is a member of the Kiowa Tribe, and was the first American Indian Director of the Indian Health Service (IHS), a program of preventive, curative, and community care for approximately one and a half million American Indians and Alaska Natives through 50 hospitals and several hundred clinics throughout the United States, employing approximately 14,000 persons. In 1988, he guided the IHS from a bureau within the Health Resources and Services Administration to one of largest of seven agencies of the U.S. Public Health Service.

His experience in a wide array of Indian affairs includes serving on the Kiowa Tribal Council, the Task Force on Health of the American Indian Policy Review Commission, and the Association of American Indian Physicians. As the Director of Education Initiatives at the Center for American Indian and Alaska Native Health at Johns Hopkins School of Hygiene and Public Health, he established a graduate course: "The Health of American Indian and Alaska Natives" and edited the text, *American Indian Health – Innovations in Health Care, Promotion and Policy*, published by the Johns Hopkins University Press. He presently serves as President of the Board of the Oklahoma City Indian Clinic.

Dr. Rhoades has held numerous positions at the University of Oklahoma College of Medicine, including Associate Dean for Community Affairs, Professor of Medicine, and Director of the Native American Prevention Research Center. Currently, he is Professor Emeritus of Medicine at the University of Oklahoma Health Sciences Center. He is also Senior Consultant to the Center for American Indian Health Research of the University of Oklahoma College of Public Health and an investigator with the Strong Heart Study, a prospective multicenter study of cardiovascular diseases among 13 separate American Indian Tribes.

Ellen Silbergeld, PhD, is a Professor of Environmental Health Sciences (with joint appointments in Epidemiology and in Health Policy and Management) at the Johns Hopkins University Bloomberg School of Public Health. She conducts research that connects environmental and occupational exposures to health risks in human populations. Her research has employed both experimental models and epidemiological studies to accomplish these goals. Her areas of current research include: understanding the environmental and human health impacts of antibiotic use in food animal production, and understanding the mechanisms of mercury immunotoxicity and the potential role of immunologic dysfunction in mercury-induced neurodevelopmental toxicity, decreased host resistance to infection, and increased risks of chronic disease and health risks associated with endocrine disruption. She is also involved in epidemiological studies of the effects of toxic metals on cardiovascular function.

Dr. Silbergeld received her Bachelors degree summa cum laude from Vassar College and her PhD from the Whiting School of Engineering at Johns Hopkins University, with postdoctoral training in environmental health sciences at the School of Public Health. Prior to her current academic position, she has held scientific positions at the National Institutes of Health (NIH), the Environmental Defense Fund, and the University of Maryland Medical School. She has been appointed to numerous consultant and expert advisory committees for the U.S. Environmental Protection Agency, the Centers for Disease Control and Prevention, the National Research Council, and the NIH; also for WHO, ILO, the OECD, the World Bank, UNEP, and UNDP. She has also served on many peer review panels for the NIH, EPA, NIOSH, NSF, and foundations, including chairing the epidemiology panel for the Howard Hughes Medical Institute. She is editor-in-chief of *Environmental Research*.

Dr. Silbergeld's work has been recognized by fellowships and awards from the Fulbright Commission, the Rockefeller Foundation, and the American Public Health Association. She was also the recipient of a "genius" award from the MacArthur Foundation.

Benjamin S. Wilfond, MD, is Director of the Treuman Katz Center for Pediatric Bioethics at Seattle Children's Hospital and Professor and Chief of the Division of Bioethics, Department of Pediatrics, University of Washington School of Medicine. He is also Adjunct Professor in the Department of Bioethics and Humanities. Dr. Wilfond is an attending physician in the Division of Pulmonary Medicine at Seattle Children's. He is the Co-Director of the Regulatory Support and Bioethics Core for the Institute of Translational Health Sciences (ITHS) and coordinates the ITHS Research Bioethics Consult Service. He is the chair of the Research Bioethics Consultation Committee for the Clinical Research Ethics Key Function Committee for NIH's National Center for Research Resources Clinical and Translational Science Awards Consortium. He is the former chair of the intramural National Heart, Lung, and Blood Institute's Institutional Review Board (IRB) at NIH and has 21 years of experience on IRBs and DMCs.

His scholarship focuses on ethical and policy issues related to genetic testing, genetic research, and pediatrics research. He has recently worked on issues related to newborn screening, disclosure of genetic research results, pediatric biobanks, and disabilities.

He received his MD from the University of Medicine and Dentistry of New Jersey-New Jersey Medical School in 1985. He completed his pediatric residency and his fellowship in pediatric pulmonology and medical ethics at the University of Wisconsin. Prior to moving to Seattle in 2006, he held faculty positions at the Department of Pediatrics, University of Arizona; Social and Behavioral Research Branch, National Human Genome Research Institute at NIH; Department of Bioethics, NIH Clinical Center; and an adjunct appointment at Johns Hopkins University School of Public Health.

Michelle A. Williams, ScD, SM, MS, is a tenured professor of Epidemiology and Global Health at the University of Washington. She received her doctorate in Epidemiology from Harvard University School of Public Health in 1991. She has published over 200 scientific articles; served on several national and international scientific advisory committees; and has received numerous research and teaching awards, including the *Brotman Award for Instructional Excellence* and the American Public Health Association's *Abraham Lillienfeld Award*. Dr. Williams' major research interests and activities are women's reproductive health and child health. Her current activities include research and teaching collaborations with epidemiologists in Peru, Ecuador, Vietnam, Thailand, Ethiopia, Zimbabwe, and the Republic of Georgia. Dr. Williams is also Co-Director of the Center for Perinatal Studies at Swedish Medical Center, a multidisciplinary research program involving clinical scholars, basic scientists, and epidemiologists. Her research program focuses on integrating genomic sciences and epidemiological research methods to identify risk factors, diagnostic markers, treatments, and prevention targets for disorders (such as preeclampsia, placental abruption, preterm delivery, and gestational diabetes) that contribute to maternal and infant mortality. She is the founding Director of the University of Washington's Multidisciplinary International Research Training Program (since 1994) and the Reproductive, Perinatal, and Pediatric Training Program (since 2005).

Ex Officio Members

Alan E. Guttmacher, MD, assumed the duties of the *Eunice Kennedy Shriver* National Institute of Child Health and Human Development (NICHD) Acting Director on December 1, 2009. On July 22, 2010, NIH Director Francis Collins, M.D., Ph.D., announced the appointment of Alan Guttmacher, M.D., as the Director of NICHD. 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 has served in a number of roles, including Deputy Director since 2002, 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.

Born in Baltimore, Maryland, Dr. Guttmacher explains that he went into medicine because, as a middle school teacher, he became interested in the etiology and treatment of pediatric learning disorders. He received an AB degree from Harvard College in 1972 and an MD 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.

Dr. Guttmacher became 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. He also directed the nation's first statewide effort to involve the general public in discussion of the Human Genome Project's (HGP) ethical, legal, and social implications—an initiative funded by NIH. He also developed a busy practice in clinical genetics, conducted research, and was a tenured associate professor of pediatrics and medicine at the University of Vermont.

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 HGP. He played a pivotal role in guiding the establishment of the National Coalition for Health Professional Education in Genetics, a non-profit coalition that promotes health-professional education and access to information about advances in human genetics. He has given hundreds of talks to physicians, consumer groups, students, and the lay public about genetics and its impact on health, health care, and society. Among his research interests have been dysmorphology, syndrome identification and delineation, and hereditary hemorrhagic telangiectasia.

Dr. Guttmacher became Deputy Director of NHGRI in 2002. In 2003, he and Dr. Francis Collins (now NIH Director) co-edited *Genomic Medicine*, a series about the application of advances in genomics to medical care for *The New England Journal of Medicine*. He and Dr. Collins will be co-editing another series on genomics in medicine that will appear in the same journal starting early in 2010. Dr. Guttmacher also oversees the NIH's involvement in the U.S. Surgeon General's Family History Initiative, an effort to encourage all Americans to learn about and use their families' health histories to promote personal health and prevent disease. He previously served in volunteer leadership positions for several regional and national nonprofit organizations involved with reproductive health. He is a Fellow of the American Academy of Pediatrics, a Fellow of the American College of Medical Genetics, and a member of the Institute of Medicine.

Allen Dearry, PhD, is Director of the Office of Environmental Public Health and an Associate Director at the National Institute of Environmental Health Sciences (NIEHS), National Institutes of Health (NIH). Prior to this position, he served as Interim Associate Director of the National Toxicology Program (2006–2007) and Director of the Division of Research Coordination, Planning, and Translation (2003–2006) at NIEHS. Dr. Dearry has initiated numerous programs that are recognized nationally and internationally, both for their contribution to the knowledge base in biomedical science relating to environmental health as well as for their novel approach to community-university partnership and resultant impact on public health. Dr. Dearry has been honored to receive a number of NIEHS and NIH awards, as well as three DHHS Secretary's Awards for Distinguished Service for providing outstanding leadership on issues related to possible health effects of exposure to Pfiesteria toxins (1998); for generating a public health and research response to the World Trade Center disaster (2002); and for dedicated support for the health and safety of victims of Hurricanes Katrina and Rita along the Gulf Coast (2006). Before coming to NIH, Dr. Dearry received a PhD in Anatomy from the University of Pennsylvania; was a postdoctoral fellow at the

University of California, Berkeley; and then an Assistant Professor of Cell Biology and Ophthalmology at Duke University Medical Center. Dr. Dearry played a key role in cloning the gene for the human D1 dopaminergic receptor; he has two US patents for this and subsequent investigations.

Edward J. Sondik, PhD, is Director of the Centers for Disease Control and Prevention's (CDC) National Center for Health Statistics (NCHS), the Nation's principal health statistics agency responsible for monitoring America's health and health system. The Center is one of the designated statistical agencies of the United States, which together conduct the major statistical programs of the Federal government. In carrying out its mission, NCHS conducts a wide-ranging program of research and analysis in health and vital statistics, epidemiology, and the statistical sciences, all aimed at supporting government and private sector policy development and research. Dr. Sondik also serves as Senior Advisor to the Secretary of the Department of Health and Human Services, providing technical and policy advice on statistical and health information issues. In this capacity he also serves on the HHS Data Council, the body that reviews HHS data policy and related issues. Dr. Sondik is a member of the Interagency Committee on Statistical Policy, along with the leaders of the other designated statistical agencies.

Dr. Sondik received BS and MS degrees in Electrical Engineering from the University of Connecticut and a PhD in Electrical Engineering from Stanford University. From 1976 to 1996, he was on the staff of the National Institutes of Health, including a period as Acting Director of the National Cancer Institute. Prior to joining the federal government, he served on the faculty of Stanford University.

Kevin Y. Teichman, PhD, is the Deputy Assistant Administrator for Science in the Office of Research and Development (ORD), U.S. Environmental Protection Agency (EPA). In this capacity, he is responsible for planning EPA's research program, striving to ensure the research program both responds to the needs of EPA's Program and Regional Offices and maintains its leadership role in the environmental research community. In addition, he is responsible for coordinating ORD's participation in EPA's policymaking in all media (air, water, waste, pesticides, and toxics) to ensure the Agency's policies are based on sound science.

Dr. Teichman has BS and MS degrees from the Massachusetts Institute of Technology and a PhD degree from the University of California at Berkeley, all in Mechanical Engineering. He lives in Derwood, Maryland with his wife Marsha and three children, and cites this as his most notable accomplishment.