

CDR Christine Casey, MD, USPHS

CDR Christine Casey, USPHS serves as a Senior Medical Advisor in the Office of the Chief Science Officer (OCSO) at the Centers for Disease Control and Prevention in Atlanta, GA. She coordinates the Office's Pandemic Influenza activities and sensitive research activities including dual use research. She leads special projects and serves as a liaison to several cross-agency scientific work groups. Dr. Casey's path to a public health career has traversed many disciplines to include basic science research, social sciences, medicine, and emergency preparedness and response. After obtaining a Bachelors of Science degree in Economics and Psychology from the American University, Dr. Casey pursued her basic science interest at the National Institutes of Health (NIH) where she assisted in the investigation and mapping of neuronal pathways for visual processing. At the California Institute of Technology she characterized the genomic structures of Prion Protein (PrP) and the Human Kainate Receptor [GluRI] and researched the cellular control of neuronal growth cone differentiation. Dr. Casey left the laboratory in 1991 to accept a commission in the US Public Health Service and obtained her medical degree from the Uniformed Services University of the Health Sciences (USU) in 1995. Dr. Casey completed residency training at the University of San Diego Medical Center and is board certified in Internal Medicine and Pediatrics. Dr. Casey advocates for the pragmatic and relevant translation of research findings into clinical and public health practice. Dr. Casey's interest in public health emerged while assigned to the US Coast Guard where her duties included assessment of vaccination eligibility and recognition, diagnosis, and management of adverse events following immunization. As a result, she joined CDC's Immunization Safety Office in 2001 where she led clinical and epidemiologic research of immunization-associated health risks and served as a global expert in the safety of the vaccinia (smallpox) vaccine. During 2006-2007, Dr. Casey served in OCSO's Office of Public Health Research where she assisted in the development of new research initiatives, conducted evaluation of CDC's intramural peer review activities and supported cross-cutting research and public health priorities. Dr. Casey continues part-time clinical duties, maintains multiple advanced trauma and life support certifications and has held key leadership roles during federal disaster responses such as World Trade Center and Hurricane Katrina. Dr. Casey has authored numerous publications in peer-reviewed journals, presented at many national conferences and has been an invited speaker to the World Health Organization, Global Advisory Committee on Vaccine Safety. Dr. Casey is a past contributor to the *American Academy of Pediatrics (AAP) Red Book* and serves as CDC's alternate Public Health Service representative to the *American Medical Association*. Dr. Casey has served as a peer reviewer for *Journal of American Medical Association*, *The Lancet*, *American Journal of Preventive Medicine*, and *Annals of Internal Medicine*, *Clinical Infectious Diseases*, and *Vaccine*.