Long-Term Health Effects Stemming from COVID-19 and Implications for the Social Security Administration: A Workshop

Committee

Walter R. Frontera

Chair

Walter R. Frontera, M.D., Ph.D., FRCP, (Chair) is a professor of physical medicine and rehabilitation at the University of Puerto Rico School of Medicine. He formerly served as the inaugural chair and professor of physical medicine and rehabilitation at Harvard Medical School and Vanderbilt University School of Medicine. Dr. Frontera's main research interest is study of the mechanisms underlying muscle atrophy and weakness in the elderly and the development of rehabilitative interventions for sarcopenia. He is editor-in-chief of the American Journal of Physical Medicine and Rehabilitation and the immediate past president of the International Society of Physical and Rehabilitation Medicine. He received his medical degree from the University of Puerto Rico School of Medicine and a Ph.D. in applied anatomy and physiology from Boston University. Dr. Frontera is a member of the National Academy of Medicine and has served on numerous National Academies' committees, including the Standing Committee of Medical and Vocational Experts for the Social Security Administration's Disability Programs and the Committee on the Use of Selected Assistive Products and Technologies in Eliminating or Reducing the Effects of Impairments. He is also a Fellow of the Royal College of Physicians (London).

Adaora A. Adimora

Member

Adaora A. Adimora, M.D., M.P.H., is a Sarah Graham Kenan Distinguished Professor of Medicine and a professor of epidemiology at the University of North Carolina at Chapel Hill. She is an internist who subspecializes in infectious diseases. Her research interest is the clinical and social epidemiology of HIV and other sexually transmitted infections with a focus on minority populations. She is a member of the National Institutes of Health COVID Treatment Guidelines Panel. Dr. Adimora is a fellow of the American College of Physicians and the Infectious Diseases Society of America (IDSA). She was recently elected to the IDSA Board of Directors and is a member of the National Academy of Medicine. She earned her M.D. from the Yale School of Medicine and an M.P.H. in Epidemiology from the UNC Gillings School of Global Public Health. She did her residency in Internal Medicine at Boston City Hospital and Infectious Diseases fellowship at Montefiore/Albert Einstein.

Rany Condos

Member

Rany Condos, M.D., is a professor of clinical medicine in the Division of Pulmonary and Critical Care Medicine at NYU Langone Health. She is the director of the Adult Cystic Fibrosis and heads the Advanced Lung Diseases program at NYU. She serves on the Data Safety Monitoring Board for the Cystic Fibrosis Foundation. Her recent charge has been as program director of the Post-COVID clinical program at NYU. Dr. Condos is currently the principal investigator of a multi-center NIAID funded study of a treatment to mitigate post-COVID fibrosis. Her research interests include targeted immunomodulation in lung disease and she holds a patent for the use of inhaled interferon gamma in the treatment of lung disease including idiopathic pulmonary fibrosis and tuberculosis.

Steven G. Deeks

Member

Steven G. Deeks, M.D., is a professor of medicine in residence at the University of California, San Francisco (UCSF). He is a recognized expert on the impact of HIV and other viral infections on inflammation, immune function and health. Dr. Deeks has published over 600 peer-review articles, editorials and invited reviews on these and related topics. He has been the recipient of several National Institutes of Health (NIH) grants, and is one of the principal investigators of the Delaney AIDS Research Enterprise, which is an NIH-funded international collaboratory aimed at developing therapeutic interventions to cure HIV infection. He is also the principal investigator of amfAR Institute for HIV Cure Research. In March, 2020, he leveraged his HIV research program to construct the “Long-term Impact of Infection with Novel Coronavirus” cohort, which is now supporting dozens of studies addressing the impact of SARS-CoV-2 on health. He was elected to the American Society for Clinical Investigation and the Association of America Physicians. He is the editor-in-chief for Current Opinion in HIV and AIDS and serves on the scientific advisory board for Science Translational Medicine. In addition to his clinical and translational investigation, Dr. Deeks maintains a primary care clinic for people living with HIV.

Andrea Lerner

Member

Andrea M. Lerner, M.D., M.S., is an infectious diseases physician and medical officer in the Office of the Director of the National Institute of Allergy and Infectious Diseases (NIAID), of the National Institutes of Health. In her current role, Dr. Lerner supports the NIAID Director and NIAID mission on a broad range of issues related to infectious diseases and public health, including leading the organization of the virtual Workshop on Post-Acute Sequelae of COVID-19 in December, 2020. Lerner also serves as an attending physician in the NIH Clinical Center on the NIH Clinical Infectious Diseases Consult Service. She is board certified in Internal Medicine and Infectious Diseases by the American Board of Internal Medicine and is a member of the Infectious Diseases Society of America. She earned her medical degree from George Washington University in Washington, D.C. and completed internal medicine internship and residency training at Thomas Jefferson University in Philadelphia, Pennsylvania. Following residency training, Dr. Lerner practiced as a hospitalist physician in San Diego and Baltimore before completing her fellowship in infectious diseases at NIAID, NIH.

Mansoor A. Malik

Member

Mansoor A. Malik, M.D., M.B.A., M.B.B.S., is a clinical professor of psychiatry at Johns Hopkins University. He has previously served as a professor and residency program director at Howard University Hospital for over 10 years, where he trained and mentored over 100 minority residents and medical students. He has received multiple teaching and professional awards for his services. He previously served as the president of Washington Psychiatry Society, one of the oldest and most prestigious mental health organizations in the country. He has also been elected to American College of Psychiatrists, one of the highest honors for a psychiatrist in the United States. He completed his medical training at Rawalpindi Medical College in 1995 and completed Membership of Royal College of Psychiatrists before moving to the United States.

Laura A. Malone

Member

Laura A. Malone, M.D., Ph.D., is a pediatric neurologist and co-director of the Pediatric Post COVID-19 Rehabilitation Clinic at the Kennedy Krieger Institute in Baltimore, Maryland. She is also a physician scientist in the Center for Movement Studies and an assistant professor of neurology and physical medicine and rehabilitation at the Johns Hopkins University School of Medicine. Dr. Malone addresses the pediatric neurology needs of children with post-acute/long-COVID syndromes and is actively engaged in research to improve outcomes for children after COVID-19. Her research interests also include neurorehabilitation and improving outcomes after neurological injury. She co-leads the Pediatric Working Group on the American Academy of Physical Medicine and Rehabilitation's Long COVID/PASC Quality Improvement Collaborative, which is an interdisciplinary group of experts working on developing guidance statements for the treatment of long-COVID. In 2020, Dr. Malone was awarded the Frank L. Coulson, Jr. Award for Clinical Excellence and in 2018 was inducted into the Distinguished Teaching Society at the Johns Hopkins School of Medicine. She is a member of the International Pediatric Rehabilitation Collaborative, the Child Neurology Society, as well as numerous other professional societies related to neurological rehabilitation. Dr. Malone has a Ph.D. in biomedical engineering from the Johns Hopkins School of Medicine where she studied gait rehabilitation and motor control after brain injury. She earned her M.D. from the University of North Carolina at Chapel Hill and completed her residency in pediatrics and pediatric neurology at Johns Hopkins Hospital.

Avinda Nath

Member

Avindra Nath, M.D., is the clinical director of the National Institute of Neurological Disorders and Stroke (NINDS) at the National Institutes of Health, where he is also chief of the Section of Infections of the Nervous System and the director of the Translational Center for Neurological Sciences. Dr. Avindra Nath is a physician–scientist who specializes in neuro-immunology and neurovirology. His research is focused on the clinical manifestations, pathophysiology and treatment of emerging neurological infections with a focus on HIV infection. In recent years, he has studied the neurological complications of endogenous retroviruses, Ebola, Zika virus and SARS-CoV-2 and conducts research on patients with undiagnosed neuroinflammatory disorders. He has served on advisory committees to the NIH, Centers for Disease Control, Food and Drug Administration and World Health Organization. The International Society of NeuroVirology gave him the Pioneer in NeuroVirology Award for his contributions to HIV neuropathogenesis and elected him as the president of the society. He received the Wybran award from the Society of Neuroimmune Pharmacology for contributions to Neurovirology. He also received the NIH Director's award for his work on SARS-CoV-2 and the Health and Human Services Secretary's award for his work on Ebola infection.

Monica Verduzco-Gutierrez

Member

Monica Verduzco-Gutierrez, M.D., is an accomplished academic physiatrist, and professor and chair of the Department of Rehabilitation Medicine at the Joe R. and Teresa Lozano Long School of Medicine at UT Health in San Antonio, TX. She previously was the medical director of the Brain Injury and Stroke Program at TIRR Memorial Hermann Hospital, a top two U.S. News and World Report Best Hospital for Rehabilitation. She is currently the clinical chief of physical medicine and rehabilitation at the University Hospital System, and the medical director of Critical Illness Recovery and Neurorehabilitation at Warm Springs Rehabilitation Hospitals in San Antonio, Texas. Her area of clinical expertise is the care of patients with traumatic brain injury, stroke rehabilitation and interventional spasticity management. She is currently directing COVID-19 Recovery Clinics, the first in south Texas, which aligns with her mission to increase access to interdisciplinary care, optimize function, and improve quality of life for survivors with Long COVID. Dr. Gutierrez is a passionate advocate for physiatry and for underrepresented groups in medicine via social media channels. She is the social media editor of the American Journal of Physical Medicine and Rehabilitation. She is on the board of trustees of the Association of Academic Physiatrists. In 2019, she received the Top 25 Women in Healthcare Award from the National Diversity Council and Healthcare Diversity Council, which recognizes the top women leaders in the city of Houston.