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Dr. Tromberg is the Director of the National Institute of Biomedical Imaging and Bioengineering (NIBIB) at NIH where he oversees research programs focused on developing, translating, and commercializing engineering, physical science, and computational technologies in biology and medicine. He leads NIBIB's Rapid Acceleration of Diagnostics technology (RADx Tech) initiative, established in 2020 to increase SARS-COV-2 testing capacity & performance and broadened in 2023 to include over-the-counter and point-of-care devices for additional diseases and conditions. His laboratory, the Section on Biomedical Optics in the *Eunice Kennedy Shriver* National Institute of Child Health and Human Development, develops portable, bedside, non-contact, and wearable technologies for quantitative sensing and imaging of tissue composition and metabolism.



Prior to joining NIH in January 2019, Dr. Tromberg was a professor of biomedical engineering and surgery at the University of California, Irvine (UCI). During his 30-year academic career Dr. Tromberg served in multiple leadership roles, including director of UCI's Beckman Laser Institute and Medical Clinic; principal investigator of the Laser Microbeam and Medical Program, an NIH National Biomedical Technology Center; and co-founder of UC Irvine's Department of Biomedical Engineering. Dr. Tromberg specializes in the development of optics and photonics technologies for biomedical imaging and therapy. He has co-authored more than 450 publications and holds 25 patents in new technology development as well as bench-to-bedside clinical translation, validation, and commercialization of devices. Honors and awards include the Michael S. Feld Biophotonics Award from Optica, the Britton Chance Biomedical Optics Award from the International Society of Optical Engineering (SPIE), and membership in the National Academies of Medicine and Engineering.