

Ruth and A. Morris Williams, Jr. Faculty Research Prize

## William J. Steinbach, MD

Dr. William J. Steinbach is professor of Pediatrics, professor in Molecular Genetics and Microbiology, chief of Pediatric Infectious Diseases, and director of the Duke Pediatric Immunocompromised Host Program.

His molecular, translational, and clinical research focuses on the pathogenesis, diagnosis and treatment of invasive fungal infections, and he is the PI on five R01 grants. His laboratory work centers on the fungus *Aspergillus fumigatus* to understand signal transduction regulating disease, develop novel molecular targets as therapeutics, and devise new antibody-based diagnostic assays.

He also founded and directs the International Pediatric Fungal Network, a multi-national consortium of 55 sites dedicated to investigating pediatric invasive fungal infections through multi-center trials and coordinated at Duke.

As a fellow, Dr. Steinbach co-founded and still co-Chairs the *Advances Against Aspergillosis* international conference, with its 8th biennial meeting last held in Lisbon in 2018. He is the co-editor of 9 infectious diseases textbooks, and serves on the Board of Directors of the Pediatric Infectious Diseases Society.

Dr. Steinbach was the 2016 winner of the *American Federation for Medical Research* Outstanding Investigator Award, given annually to one individual under 45 for excellence in translational biomedical research and chosen from all medical disciplines. In 2017, he was awarded the Oswald Avery Award from the *Infectious Diseases Society of America* as the top adult or pediatric infectious diseases researcher in the society under age 45.

