



Lawrence M. Rhein, MD, MPH

Associate Professor of Pediatrics
Stoddard Chair, Department of Pediatrics
Director, Center for Healthy Infant Lung Development
UMass Memorial Children's Medical Center

Lawrence M. Rhein, MD, MPH, joined the faculty at UMass Medical School in June 2016. He is an Associate Professor and Division Chief of Neonatology, and the new Department Chair of Pediatrics. He also directs the Center for Healthy Infant Lung Development and is a co-Director of the medical school's Capstone Course.

Dr. Rhein is board-certified in both pediatric pulmonology and neonatology. He is a health services researcher with a focus on respiratory outcomes of neonatal lung disease and is a national expert on lung disease of prematurity. He joined UMASS after 20 years at Boston Children's Hospital, where he founded their Memorial Service, developed the Home Oxygen Parent Exchange Program, and led their Summer Student Research program.

Dr. Rhein runs a research program focused on optimizing respiratory status in infants with severe lung diseases, particularly infants who are technology- or oxygen-dependent. He has pioneered several protocols to allow safe outpatient oxygen weaning, allowing infants to be discharged from the neonatal intensive care unit much earlier. Through clinical trials and analysis of physiologic data, Dr. Rhein hopes to develop new strategies to prevent and treat neonatal and pediatric lung disease.

Dr. Rhein graduated from University of Pennsylvania School of Medicine and completed his residency and Chief Residency at Boston Children's Hospital. He also completed his fellowship in Pediatric Pulmonology at Boston Children's Hospital, and his fellowship in neonatology at the Harvard Combine Program in Neonatology. He received his Master of Public Health from Harvard in 2015.