2023–2024 Recently Appointed Professors

Recognized at the May 14, 2024, meeting of the Faculty of Medicine

Jodie L. Babitt

Professor of Medicine
Massachusetts General Hospital

Dr. Babitt is Professor of Medicine at Massachusetts General Hospital, where she is Director of Translational Research in the Nephrology Division. Her research focuses on elucidating the mechanisms regulating systemic iron homeostasis. Her discoveries have advanced our understanding of the pathophysiology of hereditary hemochromatosis and have led to the development of novel therapies to treat patients with iron disorders.

Aleena Banerji

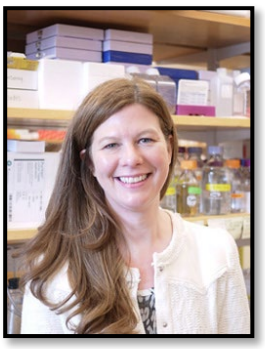
Professor of Medicine
Massachusetts General Hospital

Dr. Banerji is Professor of Medicine at Massachusetts General Hospital, where she serves as Clinical Director of the Allergy and Immunology Unit. Her clinical and research interests have focused on drug allergy, vaccine allergy, and angioedema. Her work in drug allergy has allowed cancer patients to receive first-line treatment safely despite an allergic reaction and her work leading clinical trials in hereditary angioedema have helped to bring multiple therapies from bench to bedside.

Olaf A. Bodamer

Professor of Pediatrics
Boston Children's Hospital

Dr. Bodamer is Professor of Pediatrics at Boston Children's Hospital, where he serves as Director of the Roya Kabuki Syndrome Program. His clinical and research interests focus on understanding the molecular underpinnings of Kabuki Syndrome, a disorder of the epigenetic machinery, to inform therapeutic innovation and clinical trial readiness. His work has led to the identification of novel therapeutic strategies and biomarker that may be applicable to a wide range of disease states including cancer.



L. Sterling Churchman

Professor of Genetics
Harvard Medical School

Dr. Churchman is Professor of Genetics at Harvard Medical School. Her research focuses on the coordination of gene expression across the cell, from the nucleus to the mitochondria, in both health and disease. She has pioneered the development of several innovative sequencing-based approaches to visualize gene expression processes across the cell with high resolution.

Benjamin L. Cook

Professor of Psychiatry
Cambridge Health Alliance

Dr. Cook is Professor in the Department of Psychiatry at Cambridge Health Alliance, where he serves as Director of the Health Equity Research Lab. His research focuses on improving quality of life, and access and quality of treatment for individuals living with mental illness and substance use disorder. His work tracks healthcare disparities in the U.S. and the impacts of health reform on disparities, seeks to understand the impact of systemic and interpersonal discrimination on the health and healthcare of community members, and evaluates the impact of hospital-based interventions on health equity.

Daniel B. Costa

Professor of Medicine
Beth Israel Deaconess Medical Center

Dr. Costa is Professor of Medicine at the Beth Israel Deaconess Medical Center, where he serves as Medical Director of the Cancer Clinical Trials Office within the hospital's Cancer Center and Thoracic Oncology Group Leader within the Division of Medical Oncology. His research, teaching, and clinical interests lie at the intersection of precision oncology and thoracic oncology. His translational research work has focused on oncogene kinases involved in lung cancer and mechanisms of sensitivity/resistance to kinase inhibitors in non-small-cell lung cancers.

Stacy S. Drury

Professor of Psychiatry
Boston Children's Hospital

Dr. Drury is Professor of Psychiatry at Boston Children's Hospital, where she serves as Head of the Department of Psychiatry and Psychiatrist-in-Chief. Her research focuses on the biological and behavioral effects of trauma and violence within and across generations, with a focus on maternal-child health and health disparities. She currently directs the National Institute of Aging and NIEHS jointly funded Telomere Research Network focused on enhancing the scientific rigor in human population studies exploring the role of telomeres in the prediction of human health and disease.

G. Dan Duda

Professor of Radiation Oncology
Massachusetts General Hospital

Dr. Duda is Professor of Radiation Oncology at Massachusetts General Hospital, where he serves as Director of Translational Research in Gastrointestinal Radiation Oncology. His work uses medical and biological research tools to reveal new mechanisms underlying cancer treatment resistance, mainly using liver cancer models. These tools have revealed new ways to improve therapy by combining conventional therapies with new immunotherapies, which has been validated in recent clinical studies in patients.

Jeanne F. Duffy

Professor of Medicine
Brigham and Women's Hospital

Dr. Duffy is Professor of Medicine at Brigham and Women's Hospital. Her research interests include both basic and applied aspects of circadian and sleep physiology in humans. Her work has revealed new understanding of factors contributing to individual differences in sleep timing, duration, need, quality, and response to sleep loss.

Marlene L. Durand

Professor of Medicine
Massachusetts General Hospital

Dr. Durand is Professor of Medicine at Massachusetts General Hospital and Director of the Infectious Disease Service at Mass Eye and Ear. She is a leader in the study of eye and ENT infections. Her publications have contributed to a better understanding of these infections by a broad medical audience, and her research has led to novel ways to diagnose, treat, and prevent several types of vision-threatening eye infections and life-threatening head and neck infections.

Patricia C. Dykes

Professor of Medicine
Brigham and Women's Hospital

Dr. Dykes is Professor of Medicine at Brigham and Women's Hospital, where she serves as Director of Research for the Center for Patient Safety, Research, and Practice. As a leader in the field of patient safety informatics, her research focuses on leveraging health information technology to enhance patient safety outcomes. Her work has contributed to the understanding of the physical and economic costs of patient falls and other adverse events and the role of patient and family engagement in prevention.

Fiona Fennessy

Professor of Radiology
Brigham and Women's Hospital

Dr. Fennessy is Professor of Radiology at Brigham and Women's Hospital, where she serves as Vice-Chair for Faculty Affairs. She is a recognized leader in advanced Magnetic Resonance Imaging (MRI) techniques for the diagnosis and treatment of prostate and gynecologic malignancies. She also leads multi-disciplinary clinical, research, and education efforts to advance precision diagnosis and response to treatments for these pelvic malignancies.

Magda F. Feres

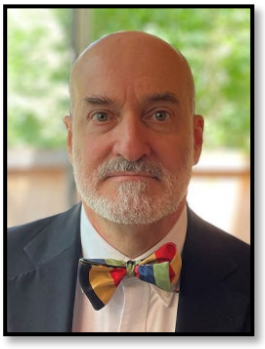
Professor of Oral Medicine, Infection, and Immunity
Harvard School of Dental Medicine

Dr. Feres is Professor and Head of the Department of Oral Medicine, Infection, and Immunity at the Harvard School of Dental Medicine, where she also leads the Periodontal Division. She is a recognized scientist in the fields of oral ecology and clinical periodontology. She is a pioneer in proposing microbiological and clinical endpoints for periodontal therapy and in defining novel protocols for treating severe periodontitis, including the rational use of systemic antibiotics.

Michael D. Fox

Professor of Neurology
Brigham and Women's Hospital

Dr. Fox is Professor of Neurology at Brigham and Women's Hospital, where he is the Founding Director of the Center for Brain Circuit Therapeutics. He is an expert in mapping symptoms to brain circuits and modulating brain circuits with invasive and noninvasive brain stimulation. His work has identified brain circuits causing different neurological and psychiatric symptoms, identified new therapeutic targets, and led to new FDA-approved treatments.



Matthew Frosch

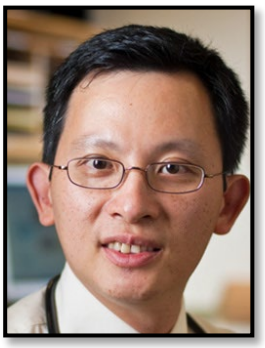
Professor of Pathology
Massachusetts General Hospital

Dr. Frosch is Professor of Pathology at Massachusetts General Hospital, where he serves as Director of the C.S. Kubik Laboratory for Neuropathology and Associate Director of the Harvard-MIT Division of Health Sciences and Technology (HST). His research focuses on neurodegenerative diseases and the intersection with cerebrovascular disease. His work has led to current classification schemes for neurodegenerative diseases as well as understanding of the pathologic processes which underlying them, including responses to new and emerging therapeutics.

Kohei Hasegawa

Professor of Emergency Medicine
Massachusetts General Hospital

Dr. Hasegawa is Professor of Emergency Medicine at Massachusetts General Hospital, where he serves as Director of the Translational Research Program of the Emergency Medicine Network (EMNet). His research focuses on the molecular mechanisms of the link between severe respiratory virus infection during infancy and subsequent asthma development. This work has led to new avenues for the primary prevention of childhood asthma.



Vincent T. Ho

Professor of Medicine
Dana-Farber Cancer Institute

Dr. Ho is Professor of Medicine at the Dana-Farber Cancer Institute, where he serves as Director of Clinical Operations for the Adult Hematopoietic Stem Cell Transplantation program. His research focuses on hepatic veno-occlusive disease and transplant associated thrombotic microangiopathy, two potentially life-threatening complications after stem cell transplantation. He is also a pioneer in information technology, developing many new functionalities within the Epic electronic medical record system to facilitate uniform capture of complex transplant data to enhance patient care and foster collaborative research across institutions.

Brent K. Hollenbeck

Professor of Surgery
Massachusetts General Hospital

Dr. Hollenbeck is Professor of Surgery at Massachusetts General Hospital, and serves as Chair of the Department of Urology there. A leader in urologic oncology, his research focuses on how incentives in the healthcare delivery system influence behavior and quality. His work has contributed to changes in clinical practice, professional guidelines, and policy and, most importantly, served as a launching point for the successful, independent research careers of many surgeon scientists.

Michelle D. Holmes

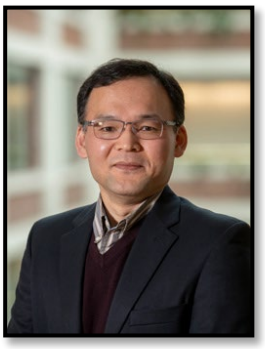
Professor of Medicine
Brigham and Women's Hospital

Dr. Holmes is Professor of Medicine at Brigham and Women's Hospital, where she serves as Senior Mentor for Diversity, Equity, and Inclusion (DEI) for the Channing Division of Network Medicine. Her research explores lifestyle factors affecting the incidence of, and survival from, breast cancer. She has led the call for more research on the growing epidemic of chronic non-communicable diseases in sub-Saharan Africa.

Haytham M.A. Kaafarani

Professor of Surgery
Massachusetts General Hospital

Dr. Kaafarani is Professor of Surgery at Massachusetts General Hospital, where he serves as Hospital Medical Director for Quality and Safety and Trauma Medical Director. He is a recognized authority and speaker on surgical patient safety from intake to discharge, benchmarking quality care, peer support, and the use of artificial intelligence for risk modeling and predicting outcomes.



Hakho Lee

Professor of Radiology
Massachusetts General Hospital

Dr. Lee is Professor of Radiology at Massachusetts General Hospital, and serves as a Principal Investigator at the Center for Systems Biology. He is a recognized leader in the development of innovative diagnostic platforms, particularly in the area of liquid biopsy. His new technologies have led to the identification of new biomarkers for early diseases and therapeutic resistance.

Sharon Levy

Professor of Pediatrics
Boston Children's Hospital

Dr. Levy is Professor of Pediatrics at Boston Children's Hospital, where she serves as Chief of the new Division of Addiction Medicine. She is a recognized leader in the identification and treatment of substance use problems and disorders in children, adolescents, and young adults. Her research focuses on developing and testing screening tools and interventions to reduce substance use that can be implemented in pediatric primary care.

Jenifer R. Lightdale

Professor of Pediatrics
Boston Children's Hospital

Dr. Lightdale is Professor of Pediatrics at Boston Children's Hospital, where she serves as Associate Chief of the Division of Gastroenterology, Hepatology, and Nutrition. Her career focus has been on improving the safety and quality of gastrointestinal endoscopy through innovations in sedation, patient monitoring, and hands-on training. Her research has informed many national and international guidelines, as well as standards and indicators that have come to define high quality endoscopy.

Deirdre E. Logan

Professor of Psychology in the Department of Psychiatry
Boston Children's Hospital

Dr. Logan is Professor of Psychology in the Department of Psychiatry at Boston Children's Hospital, where she serves as Director of Psychology Services in Pain Medicine in the Department of Anesthesiology, Critical Care and Pain Medicine. Her clinical and research interests focus on psychological and social factors in the pediatric chronic pain experience. She was a pioneering researcher in school functioning in youth with chronic pain and now combines this area of study with her current interests in developing and evaluating digital health technology innovations for pediatric pain treatment.

Wendy B. London

Professor of Pediatrics
Boston Children's Hospital

Dr. London is Professor of Pediatrics at Boston Children's Hospital, where she serves as Director of Biostatistics for the Dana-Farber/Boston Children's Cancer and Blood Disorders Center. She is a leader in the identification of neuroblastoma prognostic factors and their application to risk stratification for assignment of treatment intensity. Her research findings have led to changes in the standard of care for children with neuroblastoma.

Nicole Maestas

Professor of Health Care Policy
Harvard Medical School

Dr. Maestas is Professor of Health Care Policy at Harvard Medical School. Her research focuses on the economics of disability insurance, labor markets, health care systems, and population aging. Her work has led to revelations on how the health and disability insurance systems affect individual economic behaviors, such as labor supply and the use of medical care.

Medha N. Munshi

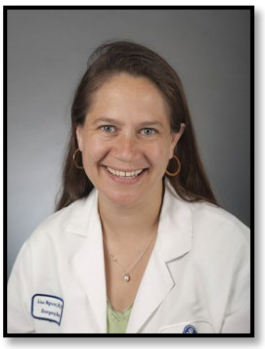
Professor of Medicine
Beth Israel Deaconess Medical Center

Dr. Munshi is Professor of Medicine at Beth Israel Deaconess Medical Center and Director of the Geriatric Diabetes Program at Joslin Diabetes Center. She is a recognized leader in the field of geriatric diabetes, and her work has led to contributions in identifying challenges faced by older individuals with diabetes, developing novel strategies and technology to overcome these barriers and to improve clinical and functional outcomes, including quality of life.

Mark I. Neuman

Professor of Pediatrics
Boston Children's Hospital

Dr. Neuman is Professor of Pediatrics at Boston Children's Hospital, where he serves as Director of Research for the Division of Emergency Medicine. His research focuses on improving the diagnosis and management of pneumonia in children. His work has informed national and international guidelines for childhood pneumonia.



Lise E. Nigrovic

Professor of Pediatrics
Boston Children's Hospital

Dr. Nigrovic is Professor of Pediatrics at Boston Children's Hospital, where she serves as the Medical Research Officer for the Harvard Catalyst Connector Site. She established a multi-center clinical research network to study tick-borne illness in children. Her research has informed the acute diagnosis and management of Lyme disease in children.

Pyong Woo Park

Professor of Pediatrics
Boston Children's Hospital

Dr. Park is Professor of Pediatrics at Boston Children's Hospital. He is recognized for his research in extracellular matrix (ECM) pathobiology. His work has contributed to our understanding of how ECM components assure the correct and adequate functioning of inflammation, and how certain pathogens exploit these mechanisms to promote their pathogenesis.

Rinaa S. Punglia

Professor of Radiation Oncology
Brigham and Women's Hospital

Dr. Punglia is Professor of Radiation Oncology at Brigham and Women's Hospital. She is a leader in health services research in breast cancer, including cost-effectiveness analyses of cancer treatments. She has translated her work into a widely used web-based decision support tool for women with ductal carcinoma *in situ* to help guide therapies that are consonant with patient preferences.

Rachel L. Rosen

Professor of Pediatrics
Boston Children's Hospital

Dr. Rosen is Professor of Pediatrics at Boston Children's Hospital, where she serves as Director of the Aerodigestive Center and Co-Director of the Center for Motility and Functional Gastrointestinal Disorders. Her clinical and research interests focus on the diagnosis and treatment of upper gastrointestinal motility disorders on pulmonary outcomes. Her research has informed national and international guidelines on the management of gastroesophageal reflux disease, feeding disorders, and disorders of gut-brain interaction.

Amar Sahay

Professor of Psychiatry
Massachusetts General Hospital

Dr. Sahay is Professor of Psychiatry at Massachusetts General Hospital. His research focuses on understanding the molecular, synaptic, circuit, and network plasticity mechanisms of memory. Through application of basic neuroscience approaches to the study of cognition, his work has led to therapeutic initiatives to restore or enhance cognition in aging, Alzheimer's disease, and neurodevelopmental disorders.

Thomas J. Sandora

Professor of Pediatrics
Boston Children's Hospital

Dr. Sandora is Professor of Pediatrics at Boston Children's Hospital, where he serves as Hospital Epidemiologist and Medical Director of Infection Prevention and Control. He is a leader in the prevention of healthcare-associated infections in children and an expert in the study of pediatric Clostridioides difficile infection (CDI). His work has informed national management and prevention guidelines and contributed to the understanding of attributable cost, the use of stool toxin concentration as a predictor of recurrence, and the comparative effectiveness of first-line CDI therapies in children.

Peter H. Weinstock

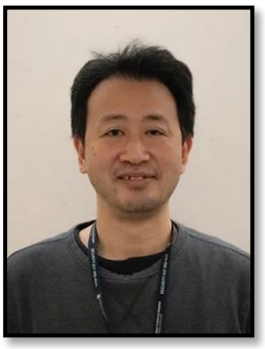
Professor of Anaesthesia
Boston Children's Hospital

Dr. Weinstock is Professor of Anaesthesia at Boston Children's Hospital, where he serves as Executive Program Director of Immersive Design Systems, Anesthesia Chair in Pediatric Simulation, and Senior Associate in Critical Care Medicine. His organizational SIMZones framework has been widely adopted, creating measurable impact on clinical performance, workforce scaling, 3D Printing, and the design of safer systems and facilities. He has led teams on 6 continents to facilitate wide-scale adoption of immersive technologies across countries, cultures, and economies.

Xu G. Yu

Professor of Medicine
Massachusetts General Hospital

Dr. Yu is Professor of Medicine at Massachusetts General Hospital, and a core member of the Ragon Institute of Mass General, MIT, and Harvard. Her research focuses on the understanding of molecular and cellular mechanisms involved in immune control of viral infection. Recently, her team has pioneered the use of next-generation sequencing technologies to profile HIV-1 reservoir cells in people living with HIV.



Koichi Yuki

Professor of Anaesthesia
Boston Children's Hospital

Dr. Yuki is Professor of Anaesthesia at Boston Children's Hospital, where he is Director of Cardiac Anesthesia Research. A pediatric cardiac anesthesiologist, his research focuses on anesthetics-induced immunomodulation and its role in perioperative infection.