

The 4th Frederick E. Hargreave Lectureship

Monday November 28, 2016

**Miller Auditorium
2nd Level Juravinski Innovation Tower
St. Joseph's HealthCare Hamilton**

***Reception: 5:00pm
2nd Level Lobby
Lecture: 5:30pm***



**Guest Speaker: Dr Benjamin Raby, MD, MPH
Associate Professor of Medicine, Harvard Medical School
Director of the Pulmonary Genetics Laboratory, Brigham & Women's Hospital**

The Department of Medicine and the Divisions of Respiriology and Allergy & Clinical Immunology are pleased to announce the 4th Frederick E. Hargreave Lectureship in Asthma and Allergy to honour the memory of our dear colleague, who passed away on the 15th of June, 2011. Professor Freddy Hargreave was one of the giants of respiratory medicine. His work helped change the way we understand, diagnose and treat asthma, bronchitis and COPD. In doing so, he significantly improved the care of patients throughout the world and his work improved many lives. At the Firestone Clinic, over a 40 year career, he taught many students and fellows from all over the world, many of whom returned home and became internationally recognized in their own right. He made St Joseph's Hospital and the Firestone Clinic world famous, but more importantly, he cared for individual patients in an exemplary manner with unfailing courtesy, dedication, humility, and kindness. He constantly endeavored to bring the health challenges his patients faced every day to the research community in order to find better ways to improve the quality of their lives.

The 2016 Lecture will be delivered by Dr Benjamin Raby. After obtaining his medical degree and fellowship in internal and pulmonary medicine at McGill University and a fellowship at the Montreal Genome centre, he moved to Harvard Medical School for further training in genetic epidemiology, quantitative methods and functional genomics where he currently directs an innovative translational research program at the Channing Division of Network Medicine. He is the founder and director of the Brigham and Women's Hospital Pulmonary Genetics Center, the only centre of its kind, where he cares for patients with inherited lung diseases. His primary research focuses on combining genomic and computational approaches for the mapping of the genetic determinants of asthma in human populations. His work has been continuously funded by multimillion dollar grants from the NIH for the past 13 years, and includes the development of Asthma BRIDGE – the Asthma BioRepository for Integrative Genomics Exploration – a multinational effort that established a publicly accessible repository of cell lines and detailed omics datasets from 1,500 asthmatic and healthy subjects to facilitate integrative, systems-based approaches for the study of asthma. This has translated into over 125 highly cited manuscripts, and identification of number of novel molecular pathways, mechanisms and targets for severe airway diseases.

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