

# Graduate School Special Seminar

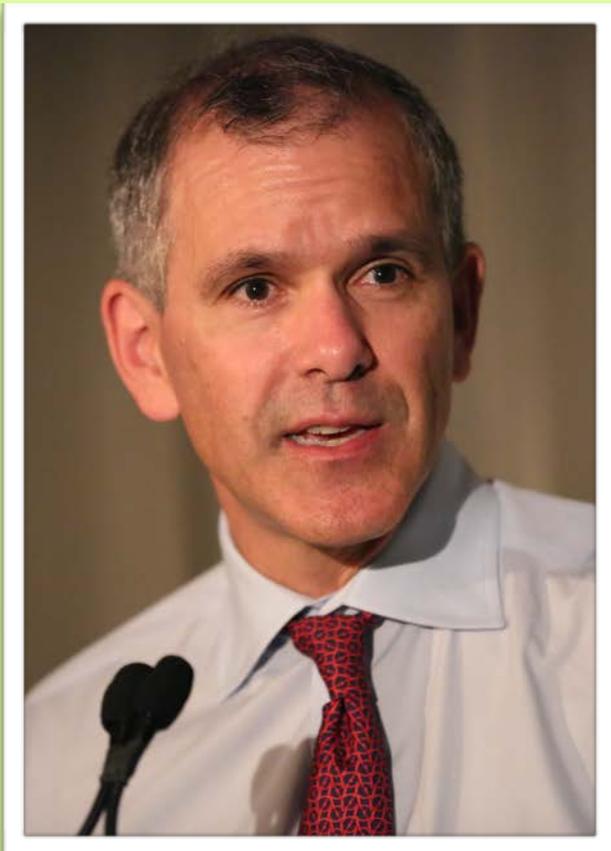


## Quantifying potential future trajectories of health

### Professor Christopher Murray

Institute Director, Institute for Health Metrics and Evaluation (IHME);  
Professor and Chair of Health Metrics Sciences,  
University of Washington

The Global Burden of Diseases, Injuries, and Risk Factors Study (GBD) is the largest and most comprehensive effort to date to measure epidemiological levels and trends worldwide. This project draws upon the efforts of a multitude of people, including more than 3,585 experts from 143 countries and 2 territories. This presentation will focus on IHME's developments in disease demography forecasting through 2100, leveraging results from the GBD 2017 study. This will include an overview of the methods used to generate long-term projections, including plausible better and worse scenarios and a comparison of the methods and results from other agencies such as the United Nations Population Division and the Wittgenstein Centre.



Professor Murray's career has focused on improving health for everyone worldwide by improving health evidence. A physician and health economist, his work has led to the development of a range of new methods and empirical studies to strengthen health measurement, analyze the performance of public health and medical care systems, and assess the cost-effectiveness of health technologies. IHME provides rigorous and comparable measurement of the world's most important health problems and evaluates the strategies used to address them.

Before founding IHME, Murray served as Executive Director, Evidence and Information for Policy Cluster at the World Health Organization; Director, Harvard Initiative for Global Health and Harvard Center for Population and Development Studies; and Richard Saltonstall Professor of Public Policy at the Harvard School of Public Health. He is an elected member of the National Academy of Medicine (NAM) and 2018 co-recipient of the John Dirks Canada Gairdner Global Health Award.

**Monday 15 April 2019**

3:00-4:00 pm, Lecture Theatre I

Level B1, 207 Bouverie Street, Carlton

**ALL WELCOME**