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**The O'Brien Institute for Public Health &**
**the Department of Community Health Sciences present:**

# A Viable Option When Modelling Health Outcomes
## Gurbakhshash Singh, Tyler Williamson, Misha Eliasziw & Gordon Hilton Fick

## Presented by: Gordon Hilton Fick

**Friday, March 22, 2019 - 12:00 to 12:50 p.m.**
**G500 - Health Sciences Centre, 3330 Hospital Dr NW**

Modelling with the log link is now possible with recent advances in algorithms implemented in statistical software. Now there is no need to use imperfect approximations that have questionable results. In particular, dichotomous outcomes and ordinal outcomes can now be directly modelled. Recent results developed by the authors will be discussed with illustrations. Remaining challenges and issues will also be presented.

Dr. Fick completed his BSc, MSc and PhD at the University of Toronto. He joined the Faculty of Medicine, University of Calgary in 1987. He is currently a Professor of biostatistics in the Department of Community Health Sciences.

Specializing in biostatistical methods and their applications to health research, Dr. Fick's research has been supported by the Natural Sciences and Engineering Research Council (NSERC), the Canadian Institutes of Health Research (CIHR) and the Alberta Heritage Foundation for Medical Research (AHFMR). He has been involved in grant review for the Medical Research Council of Canada, the CIHR and the NSERC.

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