

## Clinical Drug Development with Statistics: A Personal Perspective

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Eli Lilly and Company



**Date:** 21 March 2017 (Tuesday)  
**Time:** 9.30am – 10.30am  
**Venue:** MAS Executive Classroom 2, MAS-03-07  
School of Physical and Mathematical Sciences

### Abstract

In this talk, I want to give the audience an idea of what the work of a statistician in a pharmaceutical company might look like using my own experiences. I will give an overview of the drug development; an examples of applied statistics during early phase drug development; and discuss the desirable skill sets that help statisticians in the industry to succeed. I will conclude with some general comments that might be helpful for young statisticians considering to work in the pharmaceutical industry.

### Speaker Biography

Dr. Yeo received his Doctorate in Statistics from Cornell University in 1992. He was a Lecturer in the Department of Mathematics and Department of Statistics and Applied Probability, NUS, before joining Eli Lilly and Company as a Medical Statistician in 2000. He is now a Principal Research Scientist with Lilly. He is a scientific leader in early phase statistics and has made significant contribution to the development of several early stage compounds in many therapeutic areas, including Diabetes and Endocrine. He has been a key member in biomarker development and application of new statistical methods in clinical study design and analysis. He is a Group Leader for the Singapore Group and has initiated a series of activities to help the growth of Statisticians in Singapore.

**Host: Division of Mathematical Sciences, School of Physical and Mathematical Sciences**