



*Invited Speaker*

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Introduction to Genetic Epidemiology  
in the GWAS Era

**Monday, March 7, 2016 • Science Building 376 • 4:00pm**

**Abstract**

Genetic epidemiology holds great potential for personalized medicine and improved biological knowledge of disease pathogenesis. In this talk, I will introduce some basic concepts needed to understand, analyze, and interpret Genome-wide Association Studies (GWAS) data with late-onset Alzheimers disease (LOAD) as an example. I will briefly talk about extending these results to gene-wide and network/pathway-based analysis, which are complementary to GWASs.