

Please join the Center for Integration of Research  
in Genetics and Ethics as  
**Dr. Eric Turkheimer of the University of Virginia**  
presents:

# **The Gloomy Prospect Wins: Statistical Significance and Population Stratification in Genome Wide Association Studies**

**Monday Sept 8th, 4-5PM**  
**Munzer Auditorium, Beckman Center**

The contemporary era has seen a convergence of genomic technology and traditional social scientific concerns with complex human individual differences. A recent report of an extensive genome wide association study of human height demonstrates the profound difficulties of explaining uncontrolled human variation at a genomic level. The motivation for the statistical methods in genomics is the same as it is in traditional social science: An attempt to discern linear causation in complex systems when experimental control is not possible.