



**BIOINFORMATICS 2014 FALL SEMINAR SERIES**

Hosted by: Department of Computer and Information Sciences,  
Department of Electrical and Computer Engineering &  
Center for Bioinformatics and Computational Biology  
<http://bioinformatics.udel.edu/seminars>

**MONDAY, November 24, 2014**

**3:30pm**

**DBI Room 102**

**How results from large scale genetic analysis  
inform on disease**

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<http://www.broadinstitute.org/scientific-community/science/programs/psychiatric-disease/stanley-center-psychiatric-research/benjam>

**ABSTRACT:** The staggering increase in the size of genome-wide association and next generation sequencing studies has yielded thousands of robust associations. In this talk, I will present methods for leveraging the results of genetic studies to understand a range of outcomes including: the impact of intermediate phenotypes such as lipid levels on coronary artery disease; how genome-wide patterns of association can be leveraged to learn about what functional elements and cell types are relevant to phenotypic outcomes.