



Garvan Institute of Medical Research

## Leaders in Science & Society



# Prof Greg Gibson

Professor of Integrative Genomics  
Georgia Institute of Technology

## “Transcriptomics for Personalised Medicine”

**Thursday 9 February 2017 1PM, AUDITORIUM**

**Host: Prof Chris Goodnow**

Greg Gibson is Professor of Biology and Director of the Center for Integrative Genomics at Georgia Tech. His group conducts systems genomics research, for the past 10 years focusing on human genomics, but also building on 15 years of quantitative genetic research in *Drosophila*. Our primary interests are in the interaction between genotype and environment, the joint influences of these sources of variation on disease susceptibility, and the development of personalized disease risk profiles based on integration of genomic and clinical data. Prof Gibson is part of an NIH Program Project on “Statistical and Quantitative Genetics” directed by Bruce Weir at UW, for which his role is development of new approaches to quantifying the contributions of rare and common variants to transcriptional regulation. Prof Gibson’s laboratory combines wet lab assays (sequencing, Fluidigm, genome editing) with statistical genetic and bioinformatics research. He has served as section editor for natural variation at PLOS Genetics for 10 years, is an elected member of the AAAS, and has authored two text books.