David G. Robinson

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Education

Period	**September 2010 — Present**
Degree	**PhD in Quantitative and Computational Biology**
University	**Princeton University** Princeton, NJ

Period	**September 2006 — May 2010**
Major	**Bioinformatics and Computational Biology Track in Statistics**
GPA	**3.65/4**
University	**Harvard College** Cambridge, MA

Publications

- Robinson, D.G. and Storey, J.D. (2014) subSeq: Determining appropriate sequencing depth through efficient read subsampling. Bioinformatics; doi: 10.1093/bioinformatics/btu552.

- Robinson, D.G., Chen, W., Storey, J.D., and Gresham, D. (2014) Design and Analysis of Bar-seq Experiments. G3: Genes/Genomes/Genetics, 4(1), 11?18

- Robinson, D.G., Lee, M.C. and Marx, C.J. (2012) OASIS: an automated program for global investigation of bacterial and archaeal insertion sequences. Nucleic Acids Research, 10.1093/nar/gks778.

- Vuilleumier, S., Chistoserdova, L., Lee, M.C.... Robinson, D.G.... (2009) Methylobacterium genome sequences: a reference blueprint to investigate microbial metabolism of C1 compounds from natural and industrial sources. PloS one, 4, e5584.

Teaching Experience

Princeton University

Course	**Data Analysis and Visualization Using R**
Term	**Wintersession 2014**
Position	**Instructor**

Course	**Introduction to Genomics and Computational Molecular Biology**
Term	**Fall 2013**
Position	**Assistant in Instruction**
Instructors	**Professor Mona Singh and Dr. Anastasia Baryshnikova**

COURSE	**Introduction to Genomics and Computational Molecular Biology**
TERM	**Fall 2012**
POSITION	**Assistant in Instruction**
INSTRUCTORS	**Professors Mona Singh and Coleen Murphy**

Harvard University

COURSE	**Computer Science 50: Introduction to Programming I**
TERM	**Fall 2009**
POSITION	**Teaching Fellow**
INSTRUCTOR	**Dr. David Malan**

COURSE	**Computer Science 1: Great Ideas in Computer Science**
TERM	**Spring 2009**
POSITION	**Teaching Fellow**
INSTRUCTOR	**Dr. Henry Leitner**

SKILLS

Programming Languages	Python, R, C#, C++, C, Perl, Java, JavaScript
Web	HTML, CSS, MySQL
Tools	SVN, Git, LaTeX, UNIX