**Dennis Shasha**

**Title(s):**

Professor of Computer Science

Associate Director, NYU Wireless

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**Education**

Ph.D., Applied Mathematics, Harvard University, USA, 1984

M.Sc., Computer Science, Syracuse University, USA, 1980

B.S., Engineering Yale University, USA, 1977

**Research Interests**

I am interested in solving puzzles on large data. For the most part this has involved trying to understand genetic circuitry in plants, but it extends to trying to reconstruct images in magnetic resonance imagery. Though what I do day to day is design algorithms, I always start from a real-world problem.

**Selected Publications (3 maximum)**

``Negative Example Selection for Protein Function Prediction: The NoGO Database'

' Noah Youngs, Duncan Penfold-Brown, Richard Bonneau, Dennis Shasha

*PLOS Computational Biology*,

June 12, 2014DOI: 10.1371/journal.pcbi.1003644

<http://www.ploscompbiol.org/article/info:doi/10.1371/journal.pcbi.1003644>

``Gene regulatory networks in plants: learning causality from time

and perturbation'' Gabriel Krouk, Jesse Lingeman, Amy Marshall Colon, Gloria Coruzzi and Dennis Shasha *Genome Biology*, June 2013

``ReproZip: Packing Experiments for Sharing and Publication''

Fernando Chirigati, Dennis Shasha, and Juliana Freire

ACM SIGMOD 2013

**Research group webpage (if applicable)**

Name: NYU Wireless

Web address: http://nyuwireless.com/

**Google Scholar Page (if applicable)**

Web address: http://scholar.google.com/scholar?q=dennis+shasha&hl=en&as\_sdt=0,33