

Mar 14, 2011

Spotlight on Sloan Research Fellows



Photo of Jennifer Cha

Cheresh

Jennifer Cha is a professor in the Department of NanoEngineering. Her laboratory is focused on using biological and chemical approaches to assemble nanoscale materials. Due to their unique electronic, optical, and mechanical properties, nanoscale materials have been heavily explored for applications that range from medicine to electronics to energy. [More...](#)



Photo of Joshua Figueroa

Myrl

Hendershott

Joshua Figueroa is a faculty member in the Department of Chemistry and Biochemistry. His research interests are in the areas of synthetic and structural chemistry as applied to alternative energy and small molecule activation. He is also the recipient of the National Science Foundation CAREER Award. [More...](#)



Photo of Takaki Komiyama

Marcos

Intaglietta

Takaki Komiyama is an assistant professor in the Department of Neurosciences, School of Medicine and Neurobiology section. His lab studies the activity of neuronal ensembles in behaving animals and how it changes with learning, as animals constantly modify their behavior through experience. [More...](#)



Photo of Gert Lanckriet

John

McGowan

Gert Lanckriet is an assistant professor in the Department of Electrical and Computer Engineering. His research interests are on the interplay between machine learning, applied statistics and convex optimization techniques, as well as in the field of computer audition. He leads the interdepartmental group on Computational Statistics and Machine Learning. [More...](#)



Photo of Dragos Oprea

Walter Munk

Dragos Oprea is an assistant professor in the Department of Mathematics. His research is in algebraic geometry and its interactions with mathematical physics. Oprea is the author of 10 published research articles, and his research has been supported by the National Science Foundation. He is also the recipient of MIT's Housman award for Excellence in Teaching. [More...](#)

Leor Weinberger

Leor Weinberger is a faculty member in the Department of Chemistry and Biochemistry. His research



**Photo of
Sheldon
Schultz**

interests include Systems Biology, Virology, Single-Cell Imaging and Computational Modeling. Specifically, his lab studies the regulatory 'master circuits' controlling the Human Immunodeficiency Virus (HIV) and human herpesviruses. More...



Photo of Gene Yeo

Harold Simon

Gene Yeo is an assistant professor in the Department of Cellular and Molecular Medicine. His research is focused on the roles of RNA binding proteins in human genetic and infectious diseases; microRNA pathways in the specification of pluripotency and fate choice; the systematic elucidation of RNA binding protein-RNA maps in cancer cells; and engineering approaches to stem cell fate choices. More...

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