

Adam Margolin, PhD, Recruited to Lead Genetics Department and Icahn Institute for Genomics and Multiscale Biology

Broadcast Notifications

TO: All Faculty, Students, Trainees, and Staff

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RE: Adam Margolin, PhD, Recruited to Lead Genetics Department and Icahn Institute for Genomics and Multiscale Biology

We are delighted to announce our recruitment of Adam Margolin, PhD, to be Chair and Professor of the Department of Genetics and Genomic Sciences, Director of the Icahn Institute for Genomics and Multiscale Biology, and Senior Associate Dean for Precision Medicine at the Icahn School of Medicine at Mount Sinai (ISMMS). Dr. Margolin, an internationally renowned computational biologist, will assume these positions on April 1, 2018.



Dr. Margolin is a recognized leader in developing machine learning algorithms to analyze large-scale molecular datasets, to predict therapies specific for an individual patient, and to infer the key cellular processes that underlie cancer drug susceptibility and other clinically relevant phenotypes. He is a passionate advocate of highly collaborative team-based research, and has developed software systems to enable collaborative analysis for several of the largest national and international projects in cancer genomics, cancer immunotherapy, stem cell research, and pediatric diseases.

As Chair of the Department of Genetics and Genomic Sciences, Dr. Margolin will oversee a vibrant enterprise that is ranked fourth nationally among medical schools in National Institutes of Health funding for genetics research. The Department's research encompasses the basic mechanisms of genetic regulation, translational genomics research, and genomic medicine. Additionally, the Department operates a state-of-the-art genetic testing laboratory and medical genetics clinic, and trains clinical fellows. As Director of the Icahn Institute for Genomics and Multiscale Biology, Dr. Margolin will lead a world-class computational genomics Institute

focused on integrating the digital universe of biomedical data to advance discovery and delivery of revolutionary treatments. In both roles, he will build on the accomplishments of his predecessor, Eric Schadt, PhD, now Dean for Precision Medicine, Icahn School of Medicine at Mount Sinai, who led both entities with distinction for six years.

In his role as Senior Associate Dean for Precision Medicine, Dr. Margolin will work closely with other senior leaders—including Dr. Schadt; Judy H. Cho, MD, Director, Institute for Personalized Medicine; and Joel Dudley, PhD, Director, Institute for Next Generation Healthcare—to accelerate Mount Sinai’s commanding Precision Medicine program. Precision medicine, a major component of the ISMMS Strategic Plan, presents an opportunity to revolutionize the delivery of health care by customizing disease diagnosis, treatment, and prevention to individual patient needs.

Dr. Margolin will join Mount Sinai from Oregon Health & Science University, where he is Director of Computational Biology and Professor of Biomedical Engineering, and has led the University’s computational research and informatics software development programs. Previously, Dr. Margolin was the Director of Computational Biology at Sage Bionetworks in Seattle. He also worked at the Broad Institute of Harvard and the Massachusetts Institute of Technology, leading an effort to leverage large-scale cancer genomics datasets to infer genotype-specific therapeutics in human tumors.

Dr. Margolin earned his MS in Computer Science from the School of Engineering at the University of Pennsylvania, and his PhD in Biomedical Informatics from Columbia University.

We greatly look forward to having Dr. Margolin join the faculty and leadership at Mount Sinai in April.