



iJOBS Career Panel: Data Science

Monday September 16, 2019

4:30-6pm

Deans Conference Room, RWJMS

Piscataway, NJ



Ariella Sasson, PhD
Senior Research Investigator
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Ariella Sasson is a Senior Research investigator at Bristol-Myers Squibb. Ariella earned her undergraduate degree in mathematics and her doctorate in Computational Biology and Molecular Biophysics from Rutgers University. Quickly, her work began to focus around both technical and analytical aspects of Next Generation Sequencing. From her work in trying to identify genetic causes of pediatric diseases to working as part of the teams analyzing somatic data for the next biomarkers for treatment at BMS, she has played a leadership role in developing processing pipelines and storage solutions for genomic, transcriptomic, and proteomic from preclinical and clinical samples. Through her work, she has had the opportunity to work with large datasets allowing her to develop expertise in how to process, manipulate, and prepare data for analyses in a high throughput fashion.



Yodit Seifu, PhD
Senior Principal Scientist
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Yodit Seifu is currently a Senior Principal Scientist, providing statistical support to the Safety and Risk Management group at Merck. She has 19 years' experience working in pharmaceutical industry providing support to Phase I-IV clinical trials, registries and other Real World Data analysis. Prior to entering the industry, she was in academics. She has a PhD in Statistics from University of Toronto, Canada.



Matthew Koh, PhD
Machine Learning Engineer
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Matthew completed his undergraduate studies in UC Berkeley in Neuroscience and Applied Math and earned his Ph.D. in neuroscience from Cold Spring Harbor Laboratory. He participated in the Insight Data Science program in 2017 and since then has been working at Bloomberg in their AI group.



Alexander Izaguirre, PH.D., M.B.A.
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Alex is currently a senior AVP and the Chief Data Officer at New York City Health and Hospital. He also serves as a board member for the NYCIG health information exchange (HIE) and is president of the GSBS Alumni Association. Before joining NYC H+H, Alex served as an Executive Partner for Gartner Research where he functioned as an advisor to more than 30 health care and life sciences CIOs across the United States. In 2013, Alex founded a digital startup, Aprenda Systems, focused on universally solving the master provider data challenge between payers, providers and hospitals. Prior to his entrepreneurial role, he served as Vice President and CIO for the Baylor College of Medicine as well as Executive Director – Office of Information Technology for the Robert Wood Johnson Medical School at Rutgers University. Alex also held IT leadership positions at New Jersey Medical School, serving as director of research technology for the Office of the Senior Associate Dean of Research as well as the director of research technology for the international center for public health. Alex was also an accomplished researcher in the areas of Viral Immunology. Alex held faculty appointments as an Assistant Professor at the Baylor University Medical School Department of Medicine and an Assistant Professor for the Department of Biochemistry and Molecular Biology at Robert Wood Johnson Medical School where he taught immunology to medical students. Alex has received numerous awards and grants for technology & innovation including a grant from the National Science Foundation for CC*DNI Networking Infrastructure: Enabling Frictionless Scientific Data Transfers in the Texas Medical Center and an honorable mention in the NetApp 2014 Innovation Awards. Alex has spoken at the Columbia Business School Healthcare Innovation Panel, HIMSS 2016 on Developing Higher Performing Teams, the IHT2 Institute for Health Technology Transformation and NetApp Insight 2015. He holds a PhD, an MBA and a Bachelor's Degree from Rutgers University.