Stanford

# Shruti Marwaha

Research Engineer, Medicine - Med/Cardiovascular Medicine

Curriculum Vitae available Online

## Bio

### BIO

Dr. Marwaha is a Research Engineer in the Department of Cardiovascular Medicine. She received her PhD in Systems Biology and Physiology from University of Cincinnati in 2015. She joined Stanford in 2016 as a Bioinformatician and focuses on rare disease diagnosis. She is an active member of two rare disease consortia – Undiagnosed Disease Network (UDN) and Genomics Research to Elucidate the Genetics of Rare diseases (GREGoR). She is also part of Molecular Transducers of Physical Activity Consortium (MoTrPAC) consortium that studies the impact of exercise on molecular markers.

Her primary role involves analysis and management of genomics and immunology data. She focuses on variant calling and prioritization, analysis of single cell immune data and analysis of multi-omics data. Along with applying bioinformatics and data science techniques to analyze large multi-omics data, she enjoys collaborating with different teams and leveraging existing tools and standards that can be applied across various projects and for data harmonization.

### ACADEMIC APPOINTMENTS

- Research Engineer, Medicine - Med/Cardiovascular Medicine