



**DEPARTMENT OF GENETICS
&
HUMAN GENETICS INSTITUTE OF NEW JERSEY**

RESEARCH SEMINAR

**“Charting and Interpreting Human Genetic
Variation”**



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The catalog of the full spectrum of genetic variation is essential for advancing the fields of human genetics, genome biology, and precision medicine. However, despite significant advances in whole-genome sequencing technology and bioinformatics tool development, many types of genetic variation, particularly large structural variants (SVs), can still not be identified accurately. In this seminar, I will present improved methods and resources for characterizing SVs, ascertaining functional relevance of SVs, and associations of SVs with specific phenotypic traits.

Noon, Monday, September 18, 2023
Life Sciences Building | Auditorium | 145 Bevier Road, Piscataway
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