



Genome Sciences Seminar

Wednesday, 3.28.18 | 3:30 | Foege Auditorium



Dr. Daniel MacArthur

Assistant Professor, Harvard Medical School
Analytic & Translational Genetics Unit, Massachusetts General Hospital
Co-Director of Medical and Population Genetics
Co-Director of the Center for Mendelian Genomics
Broad Institute of MIT and Harvard

“Leveraging massive-scale genomic data to interpret human genetic variation”

MacArthur Lab | <https://macarthurlab.org/>

Dr. MacArthur is an assistant professor at Harvard Medical School and Massachusetts General Hospital, and the co-director of Medical and Population Genetics at the Broad Institute of MIT and Harvard.

His research focuses on the use of large-scale genomic technologies and resources to improve the diagnosis of rare diseases. As part of this effort, he and his colleagues developed the Exome Aggregation Consortium resource and its successor, the Genome Aggregation Database, which make data from over 135,000 sequenced exomes and genomes publicly available. These resources are used widely in the genetics community and have contributed to many collaborative gene discovery projects.

He is also heavily involved in the application of genomic technologies to rare disease diagnosis and gene discovery, and co-directs the Broad Institute's Center for Mendelian Genomics as well as a large direct-to-patient rare disease study, the Rare Genomes Project. These projects involve the sequencing and analysis of more than 1,000 rare disease families each year.

Refreshments served outside the Auditorium at 3:20pm

Questions? Contact Brian Giebel at bgiebel@uw.edu or visit the Seminar website at <http://www.gs.washington.edu/news/seminars.htm>

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