



Genome Sciences Seminar

Wednesday, 3.29.23 | 3:30 | Foegen Auditorium

remote viewing option: <https://depts.washington.edu/gstrestrc/remote.htm>



Dr. Mona Singh

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<https://www.cs.princeton.edu/~mona/>

“Predicting the impact of protein mutations: from interaction specificity to cancer”

My group works broadly in computational molecular biology, as well as its interface with machine learning and algorithms. We leverage high-throughput biological datasets in order to develop data-driven algorithms for inferring protein interactions, specificity and networks; for predicting the impact of mutations and variation, especially in the context of disease; for uncovering protein functions via sequences and structures; and for analyzing biological networks in order to uncover cellular organization, functioning, and pathways. An appreciation of protein structure guides much of our research.

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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