



Genome Sciences Seminar

Wednesday, 2.22.17 | 3:30 | Foege Auditorium



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“Big Data for Precision Medicine and the PMI All of Us SM Research Program”

Center for Precision Medicine, Vanderbilt University:

We are a team of investigators that seek to advance the basic informatics methods, and to apply advanced methods to "understand" unstructured, and sometimes inaccurate, biomedical text and electronic medical record data.

For basic science applications, we are primarily interested in natural language processing methods, terminology development, and integration of disparate data sources (such as coded and free text sources).

We have three major domains of application of advanced informatics techniques: educational informatics and clinical phenotyping (deriving phenotypes from EMR records). We pursue the latter to discover clinical knowledge, gene-disease relationships (genomics, GWAS, and PheWAS), and gene-drug-outcome relationships (pharmacogenomics).

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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