



## ***Workshop in Experimental Precision Medicine***

Tuesday November 5, 2019

3 PM to 5 PM

DRUG Main Lobby

Purpose:

Over the last decade, there has been an exponentially growth in open access data and online analysis tools that can be used to study gene function and disease susceptibility. In this workshop, Rob Williams will provide a hands-on tour of how you can access and use enormous mouse, rat, and human genetic, genomic, and phenotype data sets to help answer questions in many areas of biomedical research. Bring your research questions or a set of favorite genes/protein/receptors to the course, along with a portable computer. We will focus on learning how to exploit the GeneNetwork web resource ([www.genenetwork.org](http://www.genenetwork.org)) to test ideas or to generate new hypotheses that link the genome to phenotype and disease.

We welcome anyone, including bench scientists, clinicians, programmers, and bioinformaticists. No background in genetics is required. Please see the attached documents for further background.

For more information and associated reading, please see [http://www.stat.purdue.edu/~minzhang/598\\_Fall2019/schedule.htm](http://www.stat.purdue.edu/~minzhang/598_Fall2019/schedule.htm).

Please contact Min Zhang at [minzhang@purdue.edu](mailto:minzhang@purdue.edu) if you would like to meet with the speaker.



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