



Genome Sciences Seminar

Wednesday, 4.12.17 | 3:30 | Foege Auditorium



Dr. Ting Wu

Professor of Genetics, Harvard Medical School

<http://transvection.org/>

“Imaging the genome & a 300 million year old mystery”

Wu Lab:

Our laboratory studies how chromosome behavior and positioning influence genome function and evolution, with implications for gene regulation, genome stability, and diseases such as cancer and neurodevelopmental disorders. Using mammals, *Drosophila*, and nematodes and genetic, molecular biological, and computational tools, we approach these topics from a variety of angles. We also develop technologies for visualizing chromosomes, including Oligopaints, a strategy for fluorescent in situ hybridization (FISH) that has enabled homolog-specific FISH and in situ super-resolution microscopy of chromosomal DNA at a resolution of ≤ 20 nm. Most recently, we have begun developing projects addressing biomedical issues in space. Our laboratory is also the home for the Personal Genetics Education Project (pgEd.org), which accelerates public awareness of personal genetics.

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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