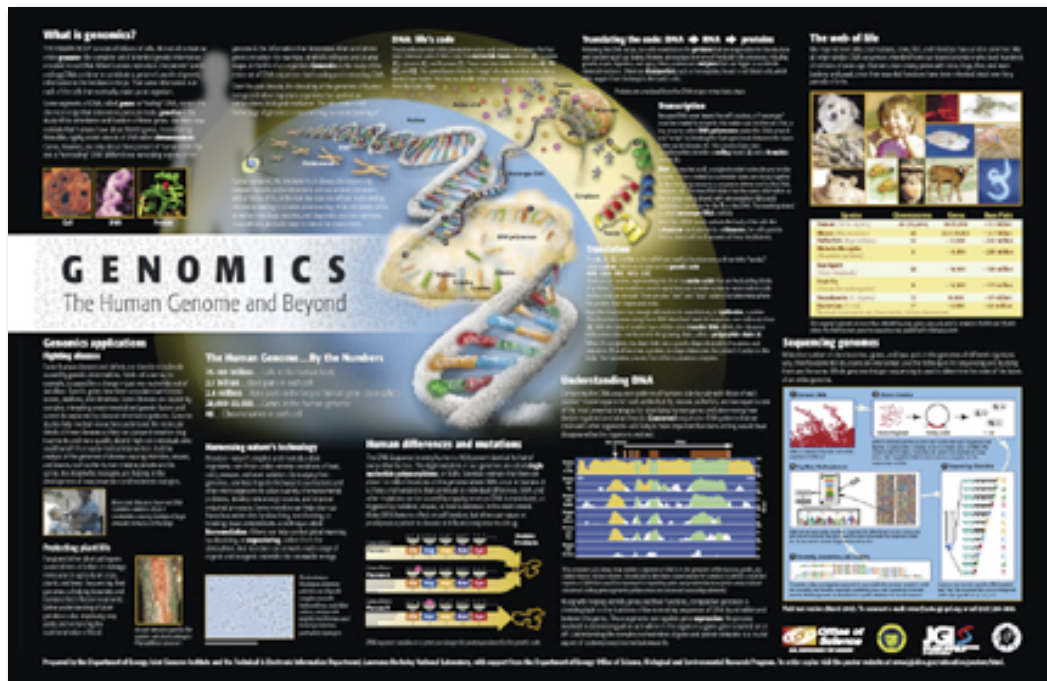


Genomics and Functional Proteomics (Bio 404-13)

- 1 credit lab -



What is genomics? This field, broadly defined as the study of genes and their function, strives to characterize the complete genetic makeup of a wide array of organisms, and has applications in fields ranging from basic cell and molecular biology, to evolutionary biology, structural biology, pharmacology, human genetics and even forensics. **This one credit laboratory course is designed to help students gain a better understanding of this broad field and its applications.**

As part of this lab, students will walk through the basic process of genome sequencing as well as work with a national consortium of undergraduates annotating portions of the *Drosophila* genome (The genomics education partnership: <http://gep.wustl.edu/>). Students who complete their annotation project will be co-authors on a manuscript produced by this consortium. In other words, you will be involved in an ongoing research project being conducted as part of this teaching lab!!!

Who: Dr Wawersik (mjwawe@wm.edu)
When/where: Wednesdays 1:00-3:50 pm
Prerequisites: Molecular Genetics (Bio442) or Instructor permission