<u>Week 5</u>

- Overview of questions so far
- Introducing bedtools: *a powerful toolset for genome arithmetic*
    https://bedtools.readthedocs.io/en/latest/
- Running bedtools on the ghpcc06 cluster for comparing .bed files of different experiments

- Introducing NGSplot: Quick mining and visualization of NGS data by integrating genomic databases
    https://github.com/shenlab-sinai/ngsplot
- Running NGSplot on the ghpcc06 cluster for making ChIP-Seq and RNA-Seq heatmaps and extracting tag density files

- Introducing HOMER: Software for motif discovery and next-gen sequencing analysis
    http://homer.ucsd.edu/homer/ngs/
- Running HOMER on the ghpcc06 cluster for annotating bed files and performing motif analysis