

## ADVANCED MOLECULAR BIOLOGY TECHNIQUES

**#Techniques****#WetLab**

Students conduct research projects that probe the molecular mechanisms of gene and protein activities

## TOPICS

- Analysis of gene function by site-directed mutagenesis or mutagenesis screens
- Determination of protein localization by fluorescent protein fusions and bimolecular fluorescence complementation
- Identification of protein interactions by co-precipitation of protein complexes
- Screens for genetic and physical interactions by yeast two-hybrid screens and high-copy suppression

## INSTRUCTORS



Christopher Beh ~  
Lab coach

