

231 HITE projects

HITE Projects: Many of your projects are very sophisticated. Consider an extension of any of these labs a good platform to explore a HITE project. Consider the following ideas:

- CD rom showing a tutorial or explanation of a hard to visualize process (i.e. effect of Ca Cl₂ effects on transformation.)
- Make some models showing a dynamic process (i.e. proton pumping and ATP generation in mitochondria.)
- Participate in a biotechnology outreach training workshop and help local faculty implement these resources at their local high school or junior high.
- Create a tutorial showing the use of genetic information to answer evolutionary questions (i.e. BLAST search for phylogenetic trees.)
- And many others... so lets talk.
- Using DNA and EN, create a series of reference ladders (with MW information) to act as reference ladder for the Kodak gel imaging system.
- Develop and refine you independent project in a manner that will make the technology accessible to students in 230 and other less sophisticated courses.

Please note: These are very sophisticated HITE projects, and in addition to getting you priority registration, you can add these to your resume or even perhaps use them in interview as demonstration of your ability to create/investigate very sophisticated biological phenomena.