

AP Statistics Experienced with Biology Integration

This course is designed for those with at least one year of AP Statistics. Unlike the standard sessions, a few topics and labs will be explored with the biology teachers to enrich the understanding of both groups. We will learn a bit of science and share our statistics expertise. This is a great opportunity to practice working with real world data and learning how to fit interdisciplinary lessons into the AP curriculum. Problems will be designed on site for the four basic content areas of statistics with suggestions on how to use your local environment to enrich your course. Collaboration and discussions will take place between teachers of the two disciplines. Fun, interesting, and applicable.

But that's not all! There will also be plenty of time to work with just AP Statistics teachers and learn a few tricks of the trade specific to our course. Although there is plenty planned, the session is flexible enough to focus on the content areas students and teachers struggle with most. Teaching strategies for difficult units, review suggestions, and new labs will be included.

The usual notebook of the basics will not be included in this special institute. Rather a selection of enrichment topics with room to add new labs, content explanations, and ideas.

Participants should bring a TI-84 or similar calculator, jump drive, and school calendar. A digital camera and laptop may be useful for those interested in creating new lessons incorporating the joint labs.