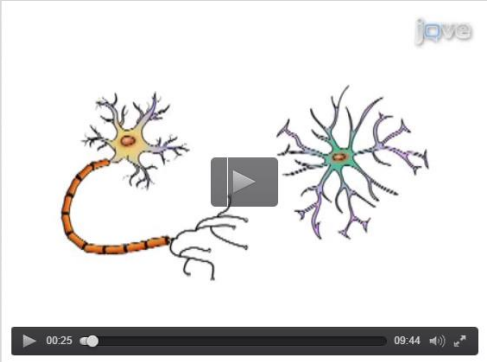
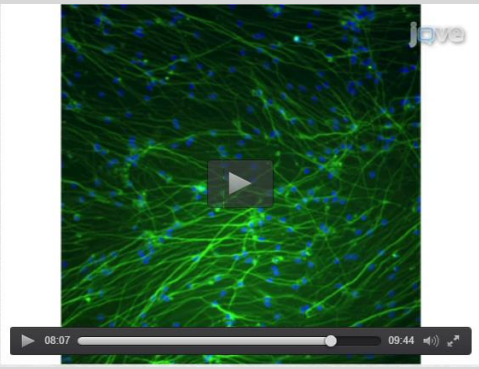
JoVE Saves 6 Months of Trial & Error for Lab at University of Alaska





Challenge: The Drew Lab at the University of Alaska Fairbanks was suffering from high student turnover rates. Says Jeanette Moore, a researcher and lab manager in the Drew Lab, “Since the people who do these experiments are students, they will pick up a project and graduate. A few years later, someone wants to do that experiment again, but the instructor is gone.”

Solution: To help preserve knowledge within the lab, Moore and the students in the Drew Lab began watching and learning from JoVE videos. By having a single consistent reference point through many rotations of students, the lab was able to successfully replicate projects from years past.

“Instead of trying to learn a technique from the literature for 6 months, new researchers can master the method in a few days. As such, everything is streamlined with JoVE.”

-Jeanette Moore, University of Alaska- Fairbanks

Results/Benefits:

- By using JoVE, the Drew Lab used fewer antibodies in their research and saved thousands of dollars on expensive lab reagents such as cFos, GAD67 and tyrosine hydroxylase.
- Because the learning process was cut down from 6 months to just a few days, the lab required fewer animal demonstrations for training when onboarding new researchers in the lab.
- The Drew Lab has received 3 new grants based on the research they were able to achieve with JoVE.