



## CHALLENGE

The Drew Lab at the University of Alaska Fairbanks faced challenges due to high student turnover. Jeanette Moore, a researcher and lab manager, explained: "Since the people conducting these experiments are students, they take on a project and then graduate. A few years later, someone wants to repeat the experiment, but the instructor who knew how to do it is gone."

## SOLUTION

To preserve knowledge within the lab, Moore and the students in the Drew Lab turned to JoVE videos. By providing a consistent reference point through multiple student rotations, the lab was able to successfully replicate projects from previous years.



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

## BENEFITS/ RESULTS



By utilizing JoVE, the Drew Lab reduced their use of antibodies and saved thousands of dollars on costly lab reagents like cFos, GAD67, and tyrosine hydroxylase.



With the learning process reduced from six months to just a few days, the lab needed fewer animal demonstrations for training during the onboarding of new researchers.



The Drew Lab secured three new grants thanks to the research advancements they achieved with JoVE.