

In Summer 2002, I assisted biology instructors in creating classroom teaching resources of microscopic images. The Department of Biological Sciences had access to a microscope that they used in the classroom by connecting its video output to a television that could be seen by the class. This process was cumbersome in that it limited the instructor's ability to move between samples, and extra time was spent to find, point out, and describe examples.

Operating as technology liaison between IT and the College of Arts and Sciences, I met with the instructors and determined that the ideal course of action was to allow them to create a digital images to accomplish the same results as a live microscope demonstration, but in less time. As a technology specialist, I evaluated the output of the microscope and selected and coordinated the procurement of a computer peripheral that allowed the video to be played into the computer. I documented the steps to create a still image, and to label it to show and explain the phenomena being captured. I taught these steps to an instructor who proceeded to create a library of more than 60 images. I assisted the instructor in creating a simple web page to navigate the images.