**eSlide Manager User Guide**

*eSlide Manager is the new digital pathology information management system developed for advanced visualization of digital slides and workflow management. eSlide Manager replaces Spectrum.* *Please email* *histoimage@purdue.edu* *with additional questions.*

<https://aperio.vet.purdue.edu/Login.php>

Logging in to eSlide Manager

* Please only use Firefox or Internet Explorer web browsers for optimal application of eSlide Manager. The eSlide manager program has some known incompatibilities with Chrome and Edge.
* Your log in is your Purdue Career Account User ID and password, for both on and off campus.
* Please choose a role. Your role will determine what permissions you have for viewing slides. Your role is defined by the System Administrator (Dr. Durkes) and may be changed upon request.
	+ Education roles
		- Course Leader = Professor of record
		- Course Instructor = Instructor
		- Student = Student in a course
	+ Research roles
		- Research Group Leader = Principal investigator
		- Researcher = Lab members other than PI
	+ Along the top of the page you will see a drop-down box that reminds you what role you are currently using.

eSlide Manager Data Organization

* Data hierarchy for RESEARH
	+ **Data Groups**: categorize data by user and are usually named by PI
		- Data groups classify similar data into categories so users can be given access to a particular category of data.
		- Access to data groups is determined by the role and permissions of an Aperio user
	+ **Projects**: typically are one study within a lab
	+ **Specimens**: varies with the researcher, but may be a particular animal, treatment group, collection day, stain, etc.
	+ **eSlides**: individual digital slides
* Data hierarchy for EDUCATION
	+ **Data Groups**: categorize educational materials by user and are named by course number (e.g. CPB 851)
		- Access to courses/data groups is determined by the role and permissions of an Aperio user
	+ **Course**: can be divided by semester and year
	+ **Lessons**: Multiple lessons within a course
	+ **Specimens**: but may be a particular animal, organ, stain, etc.
	+ **eSlides**: individual digital slides

Navigating the main page

RESEARCH

Logo

Data icon

Menu bar

EDUCATION



Logo

Menu bar

Data icon

* *Logo* – use eSlide Manager logo to return to the main page at any time
* *Menu bar* – helps you use special eSlide Manager features and access data in different ways
* *Data icons* – used to access the information and images stored in eSlide Manager
* As you open *Data icons* at different levels of the hierarchy, the data table for that particular icon will expand vertically down. You can scroll down to see all the data that is open.
	+ To minimize data in a Data Icon list, simply click on the red **arrow** beside the icon
	+ Not expanded vs. Expanded

NOTE: this example is for RESEARCH data but is also applicable to EDUCATION data.

* Under eSlide Details at the bottom of the expanded page you can check a specific slide and then click on **Open Data** under the eSlide Details.
* This will open a separate tab of eSlide Details for that particular eSlide image.

Separate tab

Viewing Images

* Click on the data icon **Projects/Courses**
* Click the folder to the left of the **Specimen/Lesson** of interest to expand the details OR click the eye icon to open all eSlides of that specimen/lesson in the eSlide web viewer.
* Alternatively, you can access images from the **Specimens** data icon
	+ Click the brain icon to the left of the specimen of interest
	+ Click a thumbnail to open the image in Image Scope OR hold the **W** key while clicking the image thumbnail and the image will open in the new web viewer.

Review eSlide images with the Web Viewer

* + To open images in the Web Viewer, click the **Eye** icon or hold **W** key while clicking on the image.
	+ The virtual slide tray is on the left and the slide image and annotation tools are on the right. The eSlide tray simulates an actual slide tray.
		- The eSlide you’re currently viewing has a dark border around it.
		- When you navigate around the slide, the Web Viewer flips the slide in the tray so the label is on the right.
			* Label on the left = **Unread**
			* Label on the right = **Read**
		- To change an eSlide from *Read* to *Unread*, right click the eSlide and select **Toggle Read/Unread.** The slide in the tray return to Unread status.