

## Accessing the Peyton Lab Server

The Peyton Lab server is used to store data that may need to be accessed by current/future lab members or Shelly. The server is a convenient way to store large files and to transfer data from microscope or shared computers to personal computer without an external hard drive.

### Materials:

Ethernet connector (Some available in the lab. If none are available you have two options; pay for one yourself that you intend to keep or pay and get reimbursed if purchasing for the lab to use after you're gone)

Computer

Adapter compatible with your computer

### Method:

#### Requesting access to the server

1. Contact Engineering Computer Services (ECS) [help@ecs.umass.edu](mailto:help@ecs.umass.edu) or call the office at 413-545-1580 (<https://engineering.umass.edu/about-us/engineering-computer-services/ecs-main-office-staff>)
2. Request access to Peyton Lab server
  - a. If you are new, you request a new folder
  - b. Request editing access to the shared folder
  - c. Request viewing access to all other folders
  - d. Include your spire ID# with your email
  - e. If your desk has not been configured for server access, you may need to provide the following information to link the ethernet IP address with your computer system IP address
    - i. Location: N540C
    - ii. Building: LSL
    - iii. Port number: (located on the ethernet faceplate at your desk)
    - iv. Your computer system IP address (<https://www.avast.com/c-how-to-find-ip-address>)

#### Plugging into the server

1. Plug your computer into the ethernet hard wired connection at your desk (cannot use wireless because of firewall issues) using a blue ethernet cord.

From a mac:

2. Choose "Connect to server" from the "Go" menu. In the box for the server address, type "cifs://peytonlab.ecs.umass.edu"

From a PC:

3. Open up the file explorer and type '\\peytonlab.ecs.umass.edu' into the address bar at the top, you should see the available shared folders.
4. Your username is 'campus\<netid>' and the password is your Exchange password.

### Notes:

1. Each person should have a folder with a 2TB limit. Everyone in the group can look into the folders, but each person can only save and delete folders from their own folder.
2. The server is accessible from the Zeiss computers and the two computers in the common area.