

# Langerhans Lab Protocols

NC STATE UNIVERSITY

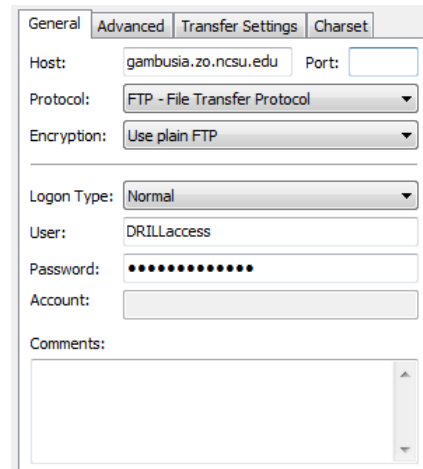
## FTP Server: Backing Up Your Data

The lab maintains an ftp server on our lab server. It is recommended to create your own folder, and backup lots of your data on this 1.5 terabyte external hard drive designated for this purpose. You can use this to backup any information you wish, and this allows you and other lab members to access the data from anywhere with an internet connection (especially useful for collaborative projects and for sharing large files).

It is recommended to use a FTP client software program like Filezilla (this is installed on all lab computers), as this is the easiest way to transfer files to and from the server. However, you can also access it through most browsers.

### Lab FTP Account Info:

- Host: gambusia.zo.ncsu.edu
- Username: DRILLaccess
- Password:
- You can create a FTP site in Filezilla as shown here:
- In Filezilla, the FTP server's folder structure will be shown on the right, while the user's computer will be shown on the left. You can just drag and drop files between the two computers.

A screenshot of the FileZilla 'General' settings tab. The 'Host' field contains 'gambusia.zo.ncsu.edu' and the 'Port' field is empty. The 'Protocol' dropdown is set to 'FTP - File Transfer Protocol'. The 'Encryption' dropdown is set to 'Use plain FTP'. The 'Logon Type' dropdown is set to 'Normal'. The 'User' field contains 'DRILLaccess' and the 'Password' field is filled with dots. The 'Account' field is empty. There is a 'Comments' text area at the bottom.

### To Use FileZilla to Transfer Data:

1. open FileZilla (use the shortcut on the desktop)
2. click File → Site Manager; the info above should appear, pre-set
3. click Connect
  - a. the left side window is the computer you're working on, and the right side window is the FTP server
4. copy and paste (or click and drag) your data from left side (your computer) to right side (server), into a folder with your name (you might need to create this the first time)