# **Getting Started:**

## **For everyone:**

### Survey:

* Please fill out this survey by the end of February: <https://forms.gle/nRftDLyVjskeRmRKA>

### Cluster Prerequisites:

* Make sure that you have administrator access to your computer. In particular, make sure that you are able to install software on your computer.
* Using the cluster requires access to the Emory VPN. Please visit <https://it.emory.edu/security/vpn.html> and follow the instructions for your operating system.
* Using the RSPH cluster also requires an account specifically for the cluster—it is separate from your Emory account. Students must have their accounts sponsored by an active RSPH faculty. If you do not already have a cluster account and would like to follow along in this workshop, please speak to your research advisor about getting access (try to do this by the end of February).

### Software:

* **FileZilla:** FileZilla is a program that transfers files between your computer and the cluster. It’s not strictly necessary but it gives you a click-and-drag interface to transfer files. Download here: <https://filezilla-project.org/>. Select “Download FileZilla Client” under “Quick download links” on the homepage, then select your operating system from the list, download the file, and install the program.



## **For Windows users (before Windows 11)**

### Software:

**You may not need to install anything**. Before you install any of this software, first check to see whether you already have ssh on your Windows computer:

1. Open up Powershell (search for ‘Powershell’ in the search tool next to the start menu)
2. Type ssh and hit enter
3. If you see an error like “The term ‘ssh’ is not recognized as the name of a cmdlet, function, script file…”, then you can install either of the following pieces of software to access the cluster.

If your computer doesn’t already have ssh, you have two options which will allow you to connect to the cluster. I think the Windows Subsystem for Linux is better but if you have difficulty setting it up, either will work.

* **Windows Subsystem for Linux:** This installs a small version of the Linux operating system on your computer. Follow directions here to install: <https://learn.microsoft.com/en-us/windows/wsl/install> . The default operating system installed is Ubuntu and you don’t have to change that.
* **PuTTY:** This will also allow you to connect to the cluster. Download here: <https://www.chiark.greenend.org.uk/~sgtatham/putty/>