

## Instructions for setting up and connecting to Odyssey on PCs

1. Go to, <http://downloads.fas.harvard.edu/download>
2. Download and install SecureCRT (telnet application) and SecureFX (file transfer application)

### Telnet (SecureCRT)

1. Click on the “New Session” icon in the top menu
2. Select SSH2 as the protocol; click next >
3. Hostname: odyssey.fas.harvard.edu  
Port: 22  
Firewall: none  
Username: <your username>  
Click next >
4. Chose a name for your session that you will identify; click Finish
5. Right click on the session you just created, and chose Properties
6. Go to the Connection-SSH2 category
7. Under authentication uncheck all boxes EXCEPT for “Keyboard Interactive”

Double click on the session name to connect. The password is the default password that was sent to your email. After clicking OK, type in the passcode from your RSA securID

Once you are connected to odyssey, type: module load hpc/gaussian-03

### File Transfer (SecureFX)

1. Click on the “New Session” icon in the top menu
2. Select SFTP as the protocol; click next >
3. Hostname: odyssey.fas.harvard.edu  
Port: 22  
Firewall: none  
Username: <your username>  
Click next >
4. Chose a name for your session that you will identify; click Finish
5. Right click on the session you just created, and chose Properties
6. Go to the Connection-SSH2 category
7. Under authentication uncheck all boxes EXCEPT for “Keyboard Interactive”

For all file transfers to and from your computer to the cluster, chose ASCII (text) as the transfer type.

## Connecting to Odyssey and transferring files with Mac OS X

### *Connecting to Odyssey via SSH*

1. Open Terminal.
2. Type `ssh username@odyssey.fas.harvard.edu` [return].
3. Follow the prompts for your password and passkey.

### *Transferring files to/from Odyssey via SFTP*

1. Download Fugu from the FAS Downloads page ([downloads.fas.harvard.edu](http://downloads.fas.harvard.edu)) and install it.
2. Open Fugu.
3. Type `odyssey.fas.harvard.edu` in the “Connect to...” box, your username in the corresponding box and click “Connect.”
4. Follow the prompts for your password and passkey. Do *not* save your password.
5. Fugu does not allow you to select between binary and text transfers. This is not ideal, but it works most of the time. If you have any trouble with this, you have two options:
  - a. You could rename your input file so it ends with “.txt” and try uploading and submitting again.
  - b. You could use a UNIX text editor to make the file manually. This will always work.
    - i. On your computer, open your input file in TextEdit, select all and copy to the clipboard.
    - ii. From the command line, in Odyssey, type `vi jobname.gjf`
    - iii. Type `i` to enter insert mode and then paste your file from the clipboard.
    - iv. Press “Escape” to exit insert mode, `:w` to save the file, then `:q` to exit vi.