You'll then need a directory on your mac that will serve as the mount point. So make a new folder through Finder, or use the command line:

mkdir ~/clusterhome

From your mac, you can use ssh to create a tunnel from your local machine directly to the host we prefer you mount your home directories from. This is actually spudling88, but we have an alias set up, so you can use the hostname: homemount.

First, from your mac, you set up the tunnel. Be sure to replace '**username**' with your actual username on the cluster:

ssh pps-gateway.uchicago.edu -l **surbut** -Nf -L 20427:spudhead:22

Here 20400 is just some random high port. Pick any number over 9000. If you don't kill your tunnels, they'll stay open and the port will be unavailable, so check with 'ps' whether you have unused tunnels still open.

You can now mount your cluster home directory on your mac as follows:

sshfs -o UserKnownHostsFile=/dev/null -o StrictHostKeyChecking=no -p 20427 **surbut**@localhost: ~/clusterhome/

And now you should see your cluster home directory.

**Note:** my experience is that the computer will not go to sleep while the cluster home directory is mounted. -Peter