Connecting to Discovery Cluster using ssh with X11 forwarding from Windows Clients

Assuming you have Putty and Xming installed follow the steps shown below:

1) Start Xming:

2) If you see any message from your firewall or antivirus select allow and the Xming icon will appear on the task bar. If you hover your mouse over it you see: “Xming Server:0.0”.

3) Start Putty:
4) For Host Name enter discovery.neu.edu and the word Discovery in the Saved Session test box as shown in 3) above.

5) Next select SSH and X11 from the Category pane. This is shown below and make sure Enable X11 forwarding is checked.

6) Go back to the Session in Category pane and select Save so that the profile is saved. You will see Discovery added to the Saved Sessions below Default Setting.
7) Now exit Putty and restart it. Select Discovery and click Load. Then click Open. You will get the login shell as shown below. Accept any certificate that is sent. Then login in with your user name and password. You will be logged into one of Discovery login nodes on a round-robin basis.

8) Test X11 forwarding works by starting a GUI like gedit for example as shown below:

9) You may launch as many instances of Putty. Each one will give you one terminal session.
10) When done logout from the Discovery login and your connection will exit.
11) Finally shut Xming down by right clicking on the Xming icon on the task bar on your Windows client and selecting Exit. You will be asked to confirm exit.