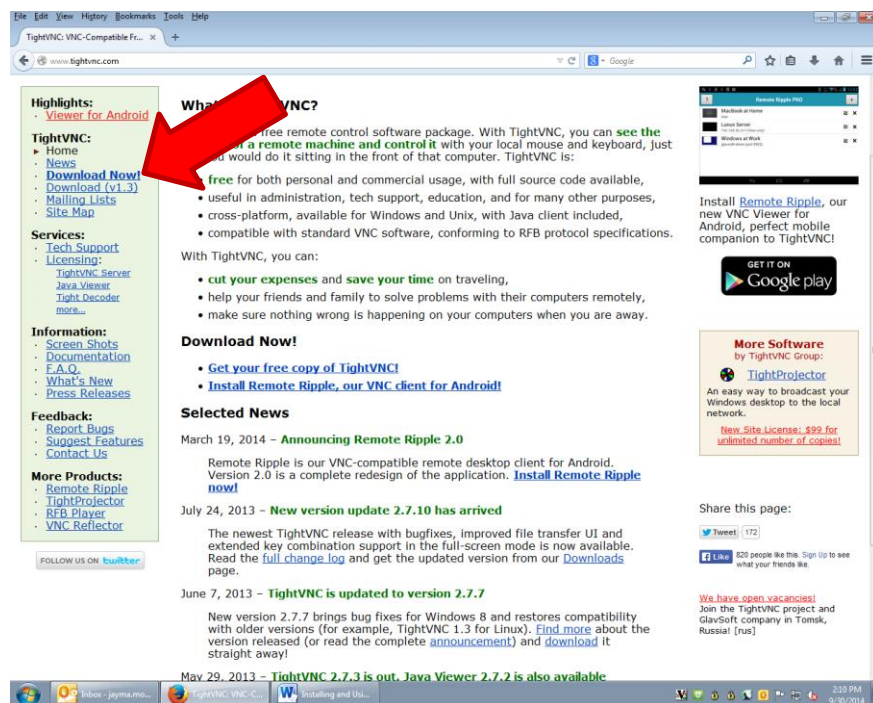


Installing and Using TightVNC to Access the Scanning Electron Microscope at NDSU

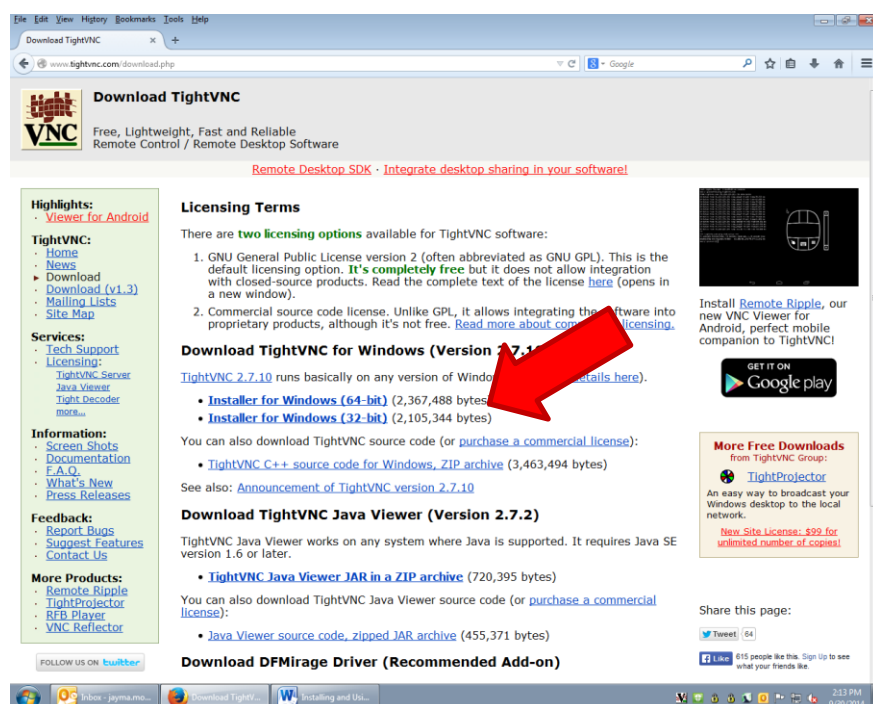
TightVNC is free remote-control software used to connect with NDSU's scanning electron microscope (SEM). Please **check with your IT support people ahead of time** to be sure you have permission to install this software.

Go to www.tightvnc.com

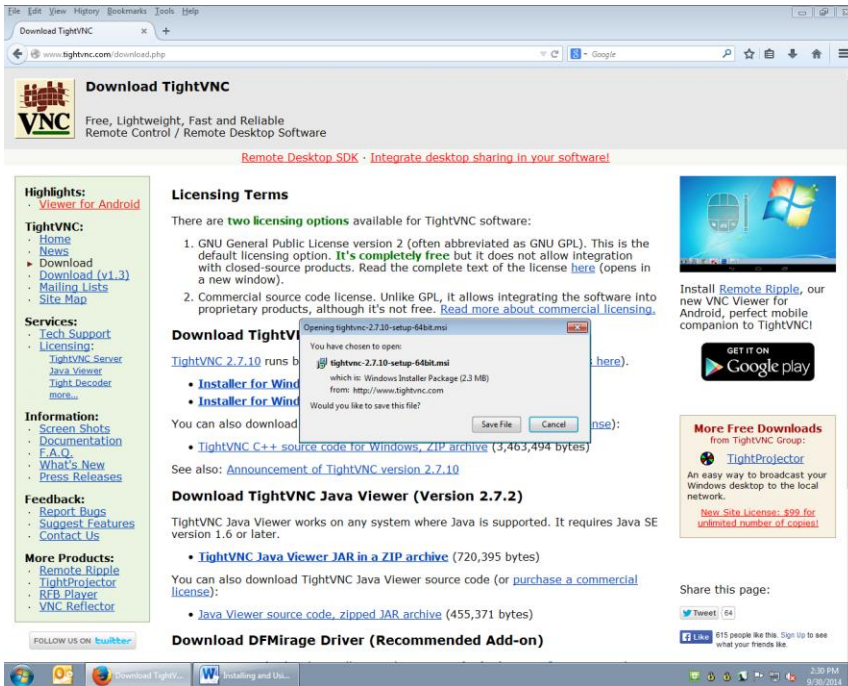
Click on the **Download Now!** link in the column at left.



That takes you to the following screen. Click 'Installer for Windows' choosing either **(64-bit)** or **(32-bit)** based on the operating system of the computer YOU are using.



In the pop-up box, click 'Save File'.



The screenshot shows the TightVNC website with a pop-up window open. The pop-up window is titled 'Opening tightvnc-2.7.10-setup-64bit.msi' and contains the following text:

You have chosen to open:

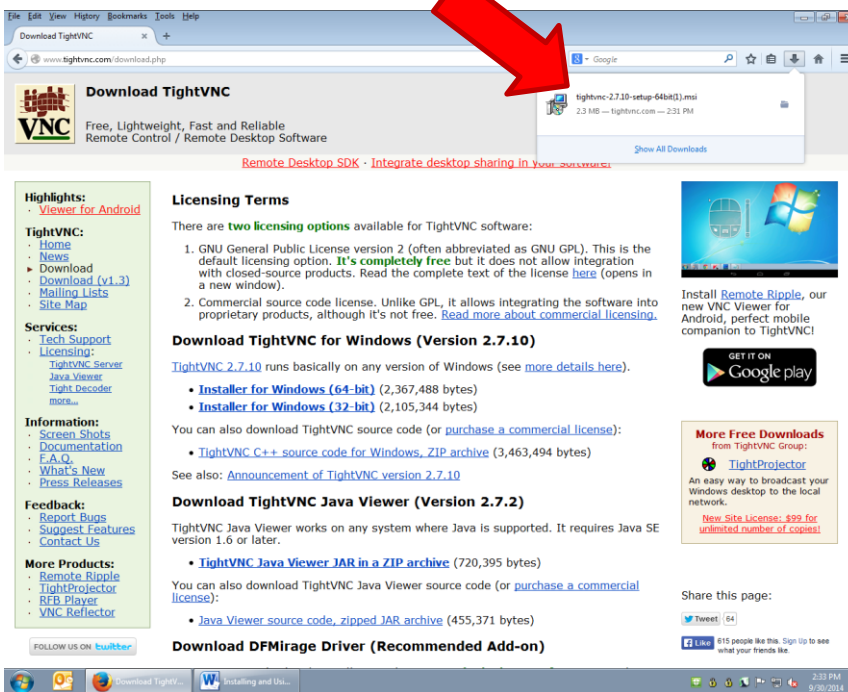
- tightvnc-2.7.10-setup-64bit.msi
- which is: Windows Installer Package (2.3 MB)
- from: http://www.tightvnc.com

Would you like to save this file?

Buttons: Save File, Cancel

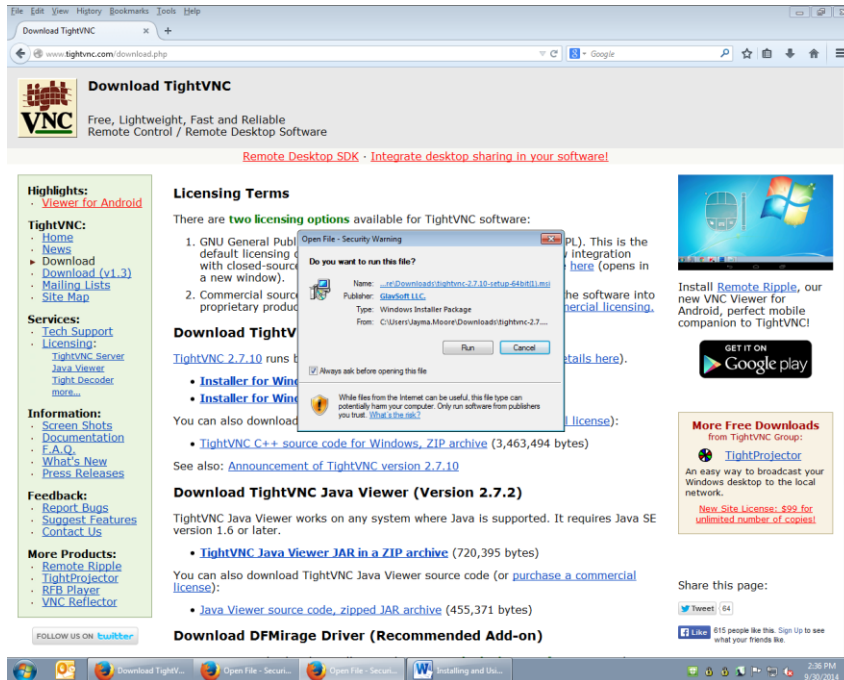
The background website shows the 'Download TightVNC' section with various links and information.

Click the Downloads arrow and then click the TightVNC download file.



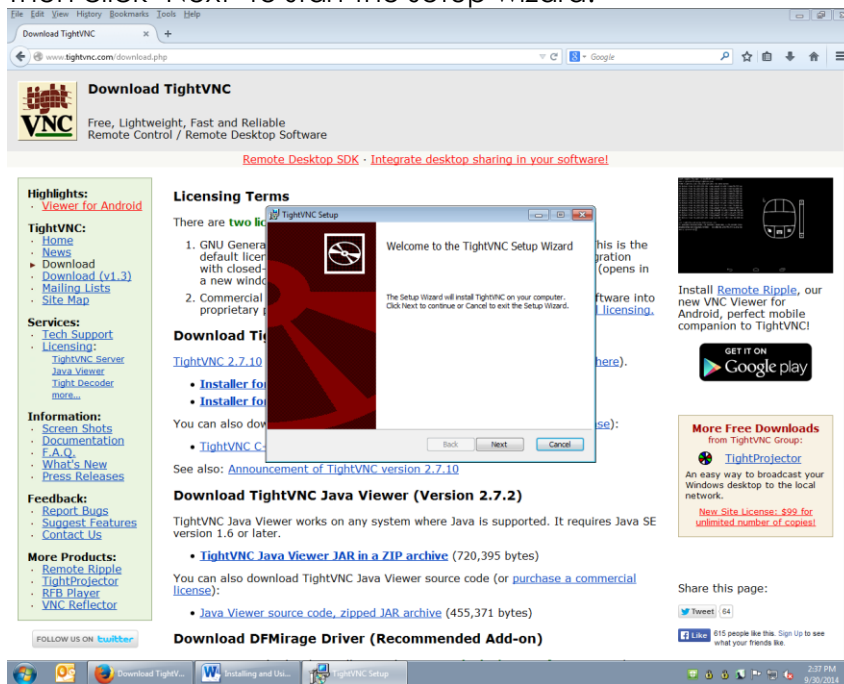
The screenshot shows the TightVNC website with a red arrow pointing to the 'Downloads' arrow in the top navigation bar. The website content is the same as the previous screenshot, but the pop-up window is not present.

In the next popup box, click 'Run'.



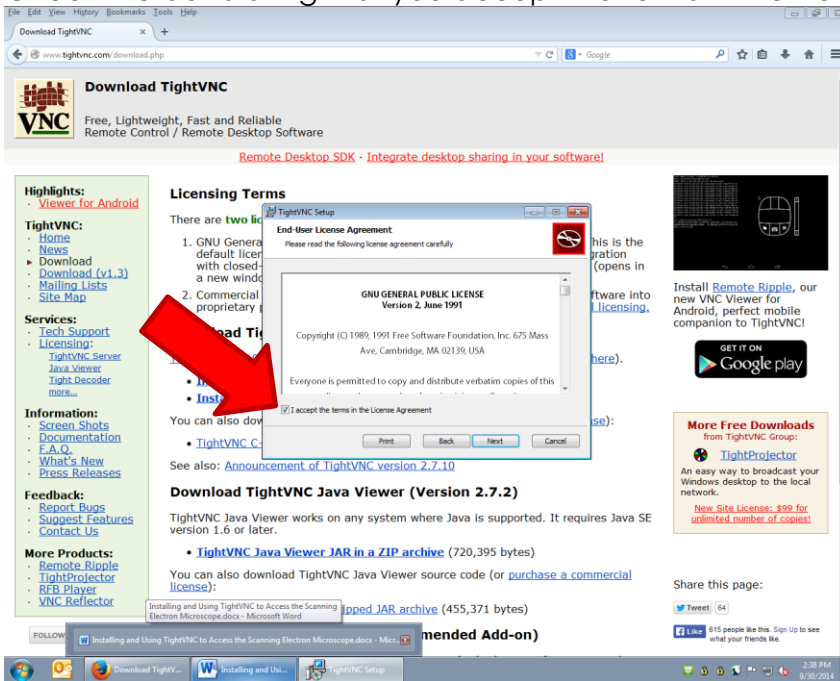
The screenshot shows the TightVNC download page in a web browser. A security warning dialog box is open, asking "Do you want to run this file?" for the file "TightVNC-2.7.10-setup-64bit.msi". The dialog box has "Run" and "Cancel" buttons. The background page includes a sidebar with links like "Home", "News", "Download", "Mailing Lists", "Site Map", "Services", "Information", "Feedback", and "More Products". The main content area is titled "Download TightVNC" and lists licensing terms, download links for various versions, and a section for "Download TightVNC Java Viewer (Version 2.7.2)".

Then click 'Next' to start the setup wizard.

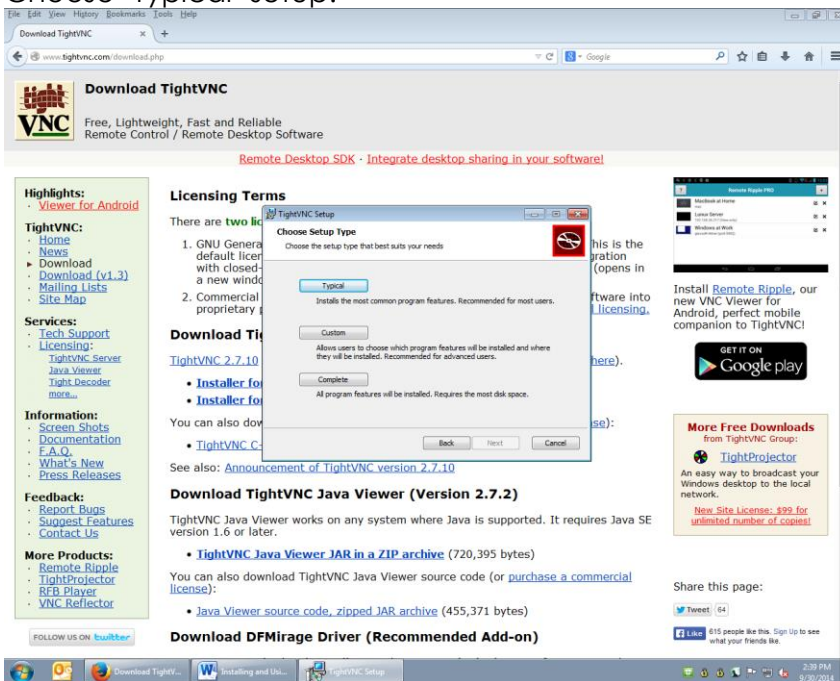


The screenshot shows the same TightVNC download page, but now the "TightVNC Setup" dialog box is open. The dialog box has a red "X" icon and says "Welcome to the TightVNC Setup Wizard". It includes instructions: "The Setup Wizard will install TightVNC on your computer. Click Next to continue or Cancel to exit the Setup Wizard." The dialog box has "Back", "Next", and "Cancel" buttons. The background page content remains the same as in the previous screenshot.

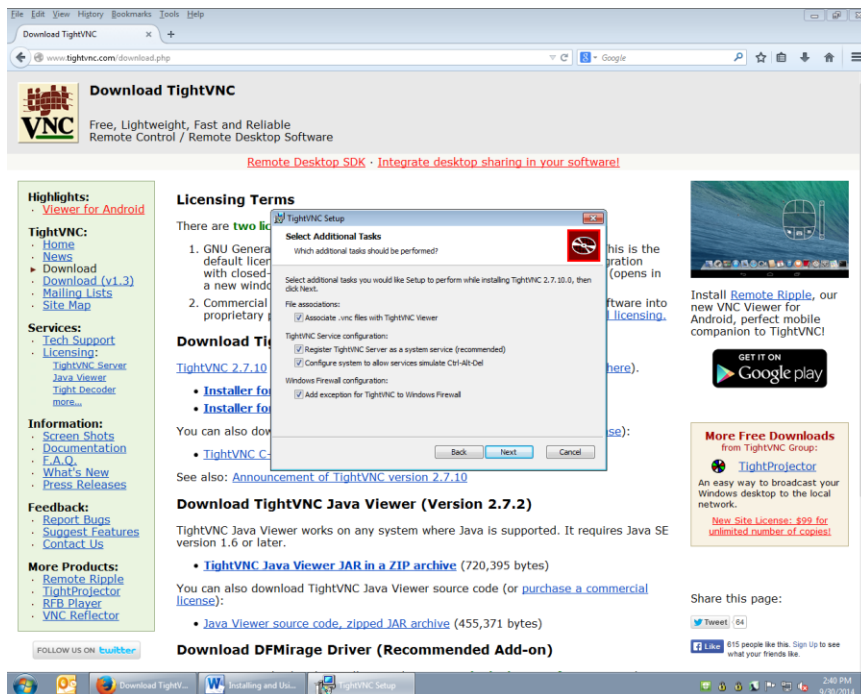
Check the box stating that you accept the terms in the License Agreement, then click 'Next'.



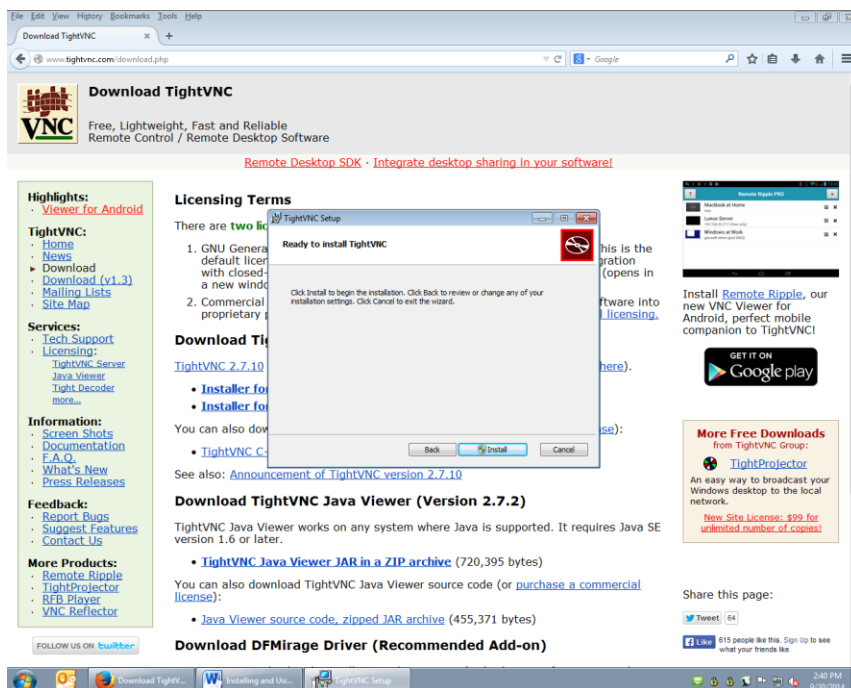
Choose 'Typical' setup.



Just leave all the boxes checked on the next popup screen and click 'Next'.



Click 'Install'. Your computer may ask for administrative permission to make changes (allowing the program to be installed). Ask your IT professional for help if you do not have administrative rights.

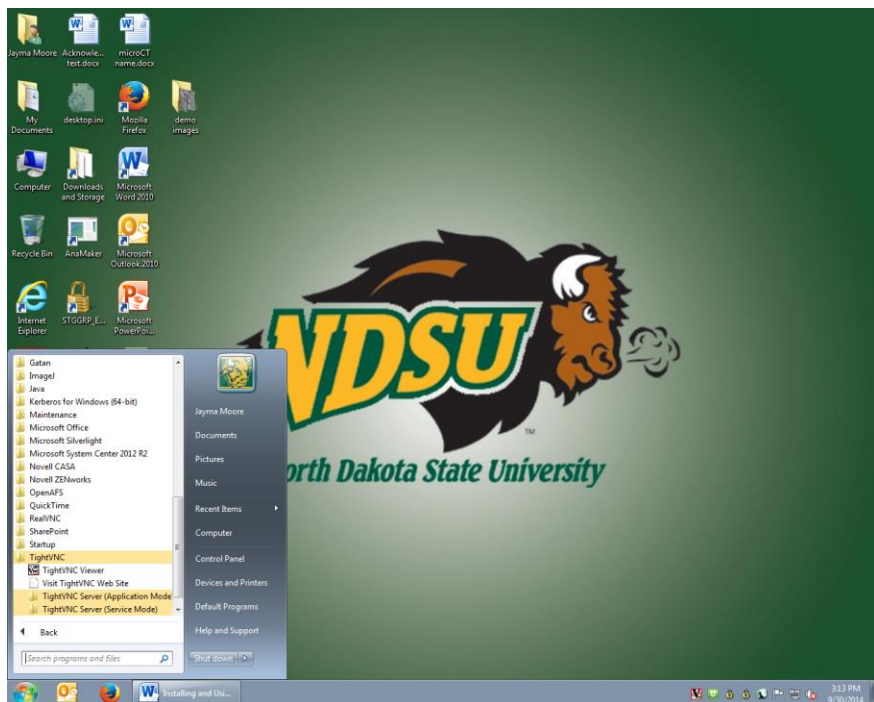


Passwords may be added here to help protect your computer. Make a note of them.

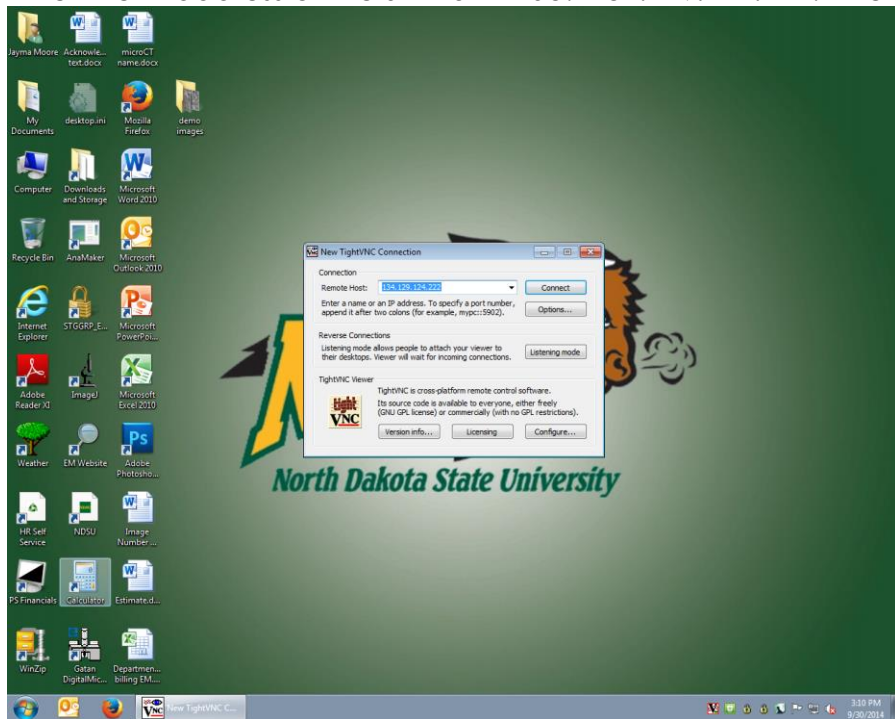
Then click 'Finish' to complete setup.

When you are ready to begin your scheduled session on the NDSU SEM:

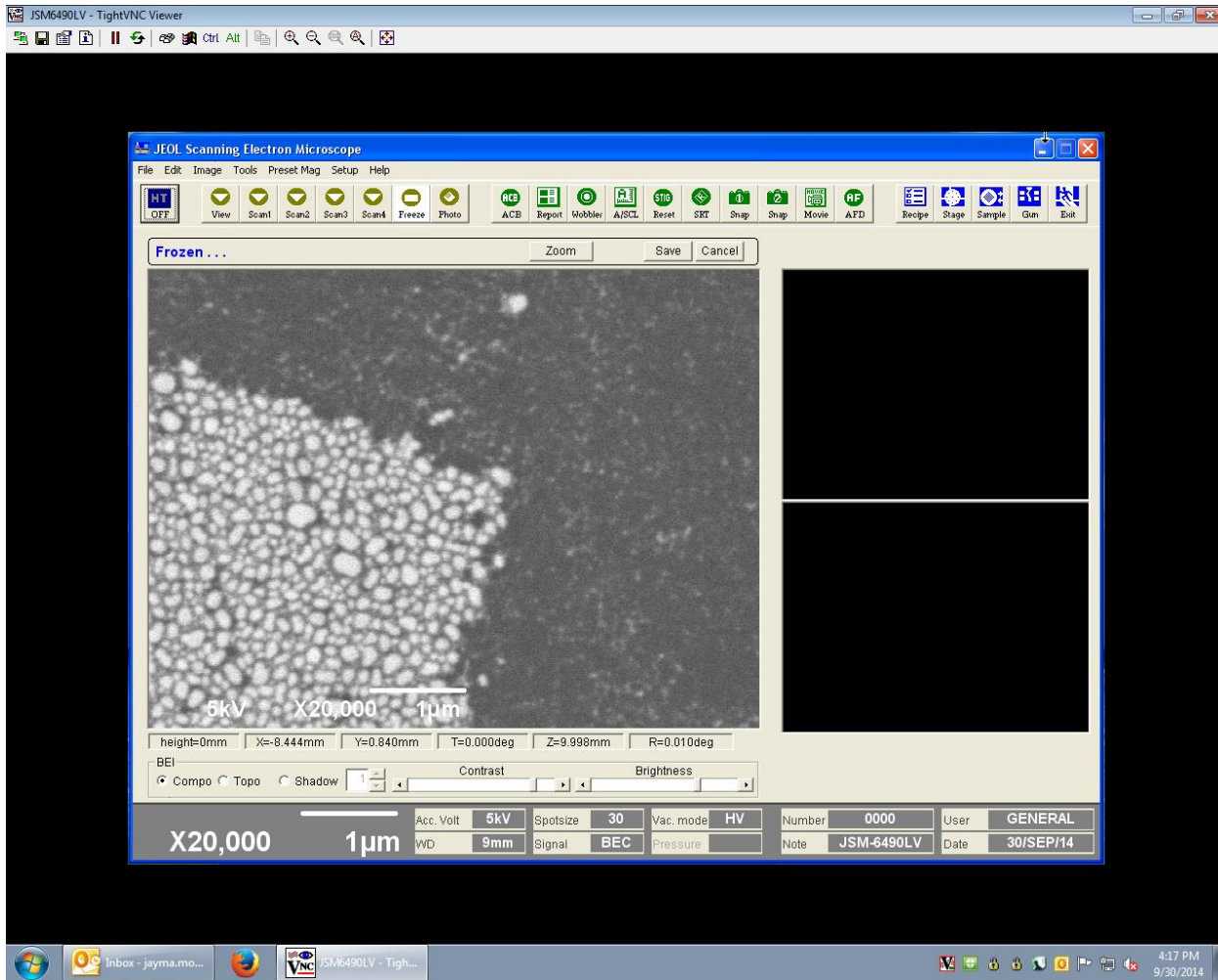
Click the Start button and select 'All Programs'. Click to open the TightVNC folder. Click 'TightVNC Viewer'.



Enter the IP address of the SEM at NDSU: **134.129.124.211**. Then click 'Connect'.



On the next screen, enter the **password provided to you by the Electron Microscopy Center staff** and click 'OK'. In a moment you will see the control panel screen of the SEM.



Your next move will be to **turn on the SEM** by clicking on the square button at top left, "HT OFF". It will turn green and toggle to "HT ON".

Have fun!