Using Lab Computers to Control Agilent DSO3201A Oscilloscopes and Take Screenshots in the Pierce Laboratory (Min Kao 331)

1. Ensure that the oscilloscope is plugged in to the back of the computer via USB cable. All oscilloscopes should already be connected.
2. From the desktop, double-click DSO3000.
3. When prompted for security credentials, click “Use another account”.
   a. Username: xpmuser
   b. Password: DSO3000
4. A virtual Windows XP desktop should launch with the DSO3000 oscilloscope software already running.
5. From the virtual window, in the blue bar at the top center of the screen, click “USB”, and from the drop down menu select “DSO3000USB” in order to attach the oscilloscope to the virtual window. Attach “GPIB-USB-HS” in the same way. Both must be attached to ensure functionality.
6. In the DSO3000 software, click the “Tools” drop down menu, and select “Connect to Oscilloscope.”
7. Once successfully connected, you will have full control over the Oscilloscope through the software, and you will lose functionality via the physical oscilloscope buttons until you disconnect it in the software.
8. By clicking the “Refresh” button in the “waveform” window, you can capture the waveform seen on your oscilloscope in the software, and from there you can take screen shots or export image files to use in project reports.