

# Connecting from outside Pitt (or Pitt-Wireless)

If you are outside the BioSci complex (or on Pitt-Wireless), a program called *Network Connect* must be started before you can access the *CompBio* share. Instructions for running this program are below:

## Pre-flight checklist:

- If running Mac 10.5-10.7, Windows Vista, Windows 7, or Ubuntu see *Appendix* at end of this document

## From Windows:

1. Open **Internet Explorer (MUST USE EXPLORER!)** & go to: *sremote.pitt.edu*
2. Make sure drop-down is set to *Network Connect*, and login
3. (might take a bit – wait on it...) – then click on *Firewall-BIOSCI-Remote-Undergrad-NetworkConnect*
4. Hit the Start Button next to *Network Connect*
5. Once *Network Connect* says “Connected”, you’re set to access the share for the next 4 hours
6. Right click on My Computer & select "Map Network Drive"
7. Click on *Connect using a different user name*
8. Make sure to put prefix “pitt\” before username (ie: *pitt\ eig13*)
9. Enter your Pitt password & click OK
10. For Folder put: [\\trex.bio.pitt.edu\compbio11](http://\trex.bio.pitt.edu\compbio11)
11. Click Finish

## From Mac:

1. Open **Safari (MUST USE SAFARI!)** & go to: *sremote.pitt.edu*
2. Make sure drop-down is set to *Network Connect*, and login
3. (might take a bit – wait on it...) – then click on *Firewall-BIOSCI-Remote-Undergrad-NetworkConnect*
4. Hit the Start Button next to *Network Connect*
5. Once *Network Connect* says “Connected” you’re set to connect to the share for the next 4 hours
6. Click on desktop, then from menu up top: **Go → Connect to Server**
7. In Server Address box type: **afp://trex.bio.pitt.edu**
8. Choose *CompBio11*

Network Connect

Home Logs Diagnostics Sign Out

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**sremote.pitt.edu**

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Duration: 19 seconds  
Assigned IP: 10.195.43.180

Hide Details

Sent/Received: 9.8 KB / 100.3 KB (0.375 KB/s)  
Security: AES128/SHA1  
Compression: LZ0  
Transport Mode: ESP over Ethernet

# Appendix

## **If running Windows 7 (or Vista) Professional or Enterprise Editions:**

1. Control Panels ==> Admin Tools ==> Local Security Policy
2. Local Policies ==> Security Options
3. Double-click on *Network Security: LAN Manager Authentication Level*
  - o Change to *Send LM & NTLM – use NTLMv2 session if negotiated*
  - o Hit Apply & OK
4. Double-click on *Network Security: Minimum session security for NTLM SSP Based (including secure RPC) Clients*
  - o Uncheck *require 128 bit*
  - o Hit Apply & OK

## **If running Windows 7 (or Vista) Home Editions**

1. (This change a bit tricky – back up registry first!)
2. Go to registry branch: HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Control\Lsa
3. Under Lsa, create a DWORD key of
  - o Name: LmCompatibilityLevel
  - o Value: 1

## **If running Mac 10.5 (Leopard):**

1. If the Network Connect program refuses to run after hitting the start button, try the following...
2. Open Terminal (Under Applications → Utilities)
3. Type the following command (just one long single sentence - no return after "keystore", just a space):

```
sudo keytool -storepasswd -new changeit -keystore  
/System/Library/Frameworks/JavaVM.framework/Resources/Deploy.bundle/Content  
s/Home/lib/security/cacerts -storepass changeme
```

4. Hit return

## **If running Mac OS 10.6 (Snow Leopard):**

1. Login to software.pitt.edu
2. Download and install *Secure Remote Access Patch for Snow Leopard*

## **If running Mac 10.7 (Lion):**

1. Go to Applications → Utilities → Java Preferences
2. Let it install the Java runtime environment if it needs to
3. In Java Preferences, check the “enable applet plugin” near top

**If running Ubuntu:**

- Make sure you're using Sun's version of Java, not openJDK.