Accessing the Colby-Sawyer College Wireless Network with Windows XP

For network-certified computers only.

An Ethernet connection is needed for step 3 of Method One.
Note: certification cannot be done wirelessly.

Method One - Using Auto-configuration Utility

1. Turn on or enable your wireless card. Usually there is a button, switch, or function key-combination on or around your keyboard. Look for icons like these: Often there is a light that indicates wireless is actively receiving signals. When wireless is active you should see a wireless icon similar to this in the lower right corner of your screen:

2. Double-click on the wireless icon. You will see a list of available wireless network connections like Figure 1 below. Included in this list will be 'Campus-Wireless'. Highlight 'Campus-Wireless' network and click the Connect button at the bottom right corner. Do not be concerned that this connection does not succeed. Continue to step 3.

3. The College has provided a utility to automatically configure your wireless settings. Click here to download and click Run or Open on the security warning popup messages.

4. Next, reboot your computer. After rebooting you should be connected to the Campus Wireless network.

Method Two - Manual Settings

Double-click on the wireless icon in the lower right corner of the screen to open the Wireless Network Connection window.

Figure 1. Click on 'Change advanced settings' - in the yellow oval above, and then follow the screens below.
Click the **Wireless Networks** tab. Make sure that **Use Windows to configure my wireless network settings** is checked. Click to select **Campus-Wireless** in Preferred networks section then click the **Properties** button.

Click the **Association** tab. **WPA2** or **WPA** and **AES** should be selected. Click **OK**.

Click the **Authentication** tab. Make sure that the **EAP type** is set to **Smart Card or other Certificate**. Click the **Properties** button.

Ensure that your settings match those above, then click **OK**.
Click the **Connection** tab. Ensure that the 'Connect when the network is in range' is checked. Click **OK**

You should now be able to select Campus-Wireless network, then click the Connect button as shown in *Figure 1* above and successfully connect. It may take a minute for your computer to authenticate and acquire a network address. As always, try restarting your computer if it doesn't work the first time.

Please remember that the nature of wireless signals, like that of cell phones, is inherently more vulnerable to fluctuations and interference. The wired connection is always preferable for stability and speed. Part of the cost of the convenience of a roaming wireless connection is the risk of signal loss. Keep this in mind when copying critical files across wireless connections.

Please call Information Resources for further information on using the wireless network.

Macintosh users can connect their laptops to the wireless network too. Please call David Levine at extension 3779.