Wireless Connectivity Overview
The following documentation will provide instructions for configuring the Microsoft Windows wireless client. There are wireless adapters that have 3rd party wireless client configuration software preinstalled. If so, use the information from the provider to configure a new SSID.

Before connecting to wireless you must be registered. If you haven’t already done so, please visit: http://istreg.rbhs.rutgers.edu

Follow the on-screen instructions for registering for wireless access. You will need your RBHS account information. Read the wireless communications policy and agree to the terms & conditions.

Step by Step Installation Instructions
The screen shots that follow demonstrate how to both remove the legacy, UMD-WIFI-R, network and configure the current, RUHealthSciences, network. Some images may be slightly different on each system.
Windows Based Wireless Connectivity Details & Instructions

To start the wireless configuration process, close all applications and windows. Click on the windows icon on the bottom left hand screen. (Figure 1)

In the “Search programs and files” field, Type “Manage wireless networks” in the field. Click on “Manage wireless network” as shown in Figure 2.
Figure 3 shows the wireless network profiles currently configured. If you were already configured for the legacy UMD-WIFI-R, it will appear. You may remove that network by right-clicking and selecting “Remove Network”.

To add RUHealthSciences, click Add as shown on Figure 3. Click “Manually create a network profile” as shown on Figure 4.
Figures 5 through 11 are screen shots of what settings need to be configured for proper addition of the **RUHealthSciences** profile.

Figure 5 displays the network association information and should be configured with the following setting:

**Network Name/SSID:** RUHealthSciences (case sensitive)

**Security Type:** WPA2-Enterprise

**Encryption Type:** AES

Check the following:

- Start this connection automatically
- Connect even if the network is not broadcasting
Figure 6 displays what the screen should look like when finished. Click Next to proceed.

Figure 6

Figure 7 shows Connection properties for RUHealthSciences profile.

Figure 7
Click “Security” tab then Click “Settings” tab. (Figure 8)

Figure 8

Figure 9 shows the default settings for Protected EAP Properties. Verify these settings are enabled.

Check “Validate server certificate”
Select Authentication Method:

- **Secured password (EAP-MSCHAP v2)**

Check “Enable Fast Reconnect”

Click “Configure” (Figure 9)
Figure 9

Figure 10 is fairly important for all users. This screen is populated by clicking the Configure button in the Select Authentication Method in Figure 10. The box should not be checked. The reason for this is as follows, if the device is part of a domain or requires the user to supply credentials for access, then the credentials that were provided at time of login would be the same credentials passed along to the network for authentication. Since the credentials would be from their local windows account or their companies domain account, the authentication would fail. Also by not selecting the check box, each time a new connection is established to the RBHSwireless network the user would be prompted to enter their RBHS Core account credentials.

Click **OK** to continue (Figure 10)
Figure 11 displays the **RUHealthSciences** profile has been created and ready to connect. Close the following window by clicking the top right hand X.

Click on the bottom right hand corner where the wireless symbol is located.

Click on **RUHealthSciences** and then “Connect” (Figure 13)
Windows Based Wireless Connectivity Details & Instructions

Click on pop-up window “Additional information is needed to connect to RUHealthSciences” (Figure 14)

Figure 14

Click “Enter/select additional logon information” (Figure 15)

Figure 15

Enter your “Core” credentials & Click OK when done. (Figure 16)
After entering “Core” credentials in Figure 16 this screen will pop-up (Figure 17). Windows 7 has built-in security to verify you are connecting to the proper wireless connection.

Click “Connect” to continue

You should be connected to the secure RUHealthSciences wireless network. If you are unable to connect after following this document either contact your local PC support group or IST Service Center at (732) 743-3200 / 3-3200.