Wireless service is available in all Residence Halls and in the common areas in most Fraternity houses. The Wireless system used within the residence hall is separate from the campus wireless and requires a separate configuration. The following instructions are

Windows XP

A. Configuration Instructions

- 1. Click Start
- 2. Click **Settings** (or select **Connect To**)

for use with the residence hall wireless network only.

- 3. Click Network Connections (Or select Show all Connections)
- 4. Right click the Wireless Connection
- 5. Select Properties
- 6. Select the Wireless Network Tab
- 7. Click Add
- 8. Enter **PerunaNet** as the Network Name (SSID)(This is case sensitive) (Figure 1)
- 9. Select WPA for Network authentication
- 10. Select TKIP for Data Encryption
- 11. Select the Authentication tab (Figure 2)
- 12. Check the box next to "Enable IEEE 802.1x authentication for this network."
- 13. Select Protected EAP (PEAP) for the EAP Type
- 14. Uncheck Authenticate as computer when computer information is available
- 15. Uncheck Authenticate as guest when user or computer information is unavailable
- 16. Click Properties
- 17. Uncheck "Enable Fast Reconnect" (Figure 1)
- 18. Click Configure
- 19. Uncheck the box to "Automatically use my Windows logon name and password (and domain if any.)"
- 20. Click **OK (4 times)**
- 21. Click OK
- 22. In the Wireless Network Connection Properties window, you should now see the wireless profile. Remove any other preferred network that appears in the list. Do not remove the PerunaNet profile.
- 23. Click the Advanced Button
- 24. Select Access Points Infrastructure Networks Only
- 25. Uncheck Automatically Connect to Non Preferred Networks
- 26. Click Close
- 27. Click the Advanced tab
- 28. Under Internet Connection Sharing, uncheck Allow other network users to connect using this computer's internet connection.

Wireless network properties	Protected EAP Properties	Wireless Network Connection Properties
Association Authentication Connection Select this option to provide authenticated network access for wireless Ethemet networks.	When connecting: Validate server certificate Connect to these servers: s3trad.systems.smu.edu	General Wireless Networks Advanced Use Windows to configure my wireless network settings Available networks:
Enable IEEE 802.1x authentication for this network EAP type: Protected EAP (PEAP) Properties Authenticate as computer when computer information is available	Trusted Root Certification Authorities: Thawte Personal Freemal CA Thawte Personal Premium CA Thawte Peremium Server CA Thawte Server CA Thawte Test CA Root Thawte Timestamping CA UTN - DATACorp SGC	To connect to, disconnect trom, or find out more information about wireless networks in range, click the button below. View Wireless Networks Preferred networks: Automatically connect to available networks in the order listed below: PerunaNet (Automatic) More up
Authenticate as guest when user or computer information is unavailable OK Cancel	Do not prompt user to authorize new servers or trusted certification authorities. Select Authentication Method: Secured password (EAP-MSCHAP v2) Configure Enable Fast Reconnect OK Cancel	Add Remove Properties Learn about setting up wireless network Advanced OK Cancel

(Figure 2)

(Figure 3)

(Figure 4)

Wireless netw	ork propertie	s	? 🛛
Association AL	thentication Co	nnection	
Network name	(SSID): Pe	runaNet	
- Wireless net	work key		
This network	requires a key fo	r the following:	
Network Aut	hentication:	WPA	~
Data encryp	tion:	ТКІР	~
Network key	r 🗌		
Confirm netw	vork key:		
Key index (a	dvanced): 1 s provided for me	automatically	
This is a co access poir	mputer-to-comput nts are not used	er (ad hoc) network; wireles	5
		ОК	Cancel

B. Registering your computer

1. Click the popup window that appears on the task bar. (Figure 5)

X

- Another popup will appear on the task bar indicating that Windows is ready to process your logon credentials. Click on that popup window.
- 3. Enter your SMU ID number and your account password. (Figure 7)
- 4. Leave the logon domain blank
- 5. Click OK
- Another window will appear requesting that you accept the security certificate. Click OK. (Figure 6)

((9) Wireless Network Connection

connection to the network PerunaNet





(Figure 5)

Click here to select a certificate or other credentials for

(Figure 7)

(Figure 6)

Anytime you restart your computer and attempt to access the wireless network, you will be prompted to register in order to obtain your wireless connection

C. Disabling and Enabling your Wireless Connection

Many laptops with built- in wireless cards have an easy on/off button. If your laptop has this feature, you simply need to turn the wireless connection off when attempting to use the wired network. To connect to the wireless network, disconnect your computer from the wired network (unplug the network cable) and then turn on your wireless connection.

If your laptop does not have an on/off button, you will need to do the following:

Adding the Wireless Icon to the System Tray (one time setup)

- 1. Click Start
- 2. Click Settings
- 3. Click Network Connections
- 4. Right click the Wireless Connection
- 5. Select **Properties**
- 6. Verify that the "show icon in notification area when connected" is checked (Figure 8)
- 7. Click OK

To disable your wireless connection:

- 1. Right click on the Wireless connection icon in the system tray (Figure 9)
- 2. Select Disable

To enable your wireless connection:

- 1. Right click on the Wireless Connection icon in the system tray
- 2. Select Enable

D. Connecting to the Campus Wireless Network

The Residence Hall Wireless network and campus wireless network are completely separate. Once you leave the residence halls, your computer should automatically detect the campus wireless network. To switch from PerunaNet (Residence Hall System) to SMU1911 (Campus Wireless network), do the following:

- 1. Double click the Wireless Connection Icon in the system tray
- 2. Click on the SMU1911 wireless network (Figure 10)
- 3. Click Connect
- 4. Open Internet Explorer
- 5. Complete the registration for the campus wireless system.





(Figure 9)

(0))	PerunaNet	Connected 🗲
1	😚 Security-enabled wireless network (WPA)	
(n)	SMU1911	Manual 🚽
	Unsecured wireless network	

