

## CONNECTION TIPS (cont'd)

- **MAC OS 10** – Use the “Airport Setup Assistant” program to join existing Airport network, signal should be detected for “CSL”, and follow the steps to conclusion.
- **MAC OS 9** - Use the “Airport Setup Assistant” program to configure an existing wireless network and “CSL” should be detected. Click “Go Ahead” and then “Connect Now.” Settings can be adjusted through “Apple Menu>>Control Panels>>TCP/IP”.

## TROUBLESHOOTING

Applications that require an active Internet connection will fail if opened before the connection is completed. Wait until **after** your browser is open and you have accepted the Wireless Internet Use Policy before launching other Internet applications. If an application fails, close it and relaunch after the connection is active.

- **Windows VISTA**

Type "cmd" in the Search Box under the Vista Start Menu and press Ctrl + Shift + Enter in order to launch the command prompt administrative privileges.

Type the following in the command prompt window:

- Ipconfig /all - Displays the full configuration information
- Ipconfig /release - Releases the IP address
- Ipconfig /renew - Renews the IP

## TROUBLESHOOTING (cont'd)

- **Windows XP, 2000**

Go to Start, Run and type: CMD. Click OK. A command prompt window will appear.

Type the following in the command prompt window:

- Ipconfig /all - Displays the full configuration information
- Ipconfig /release - Releases the IP address
- Ipconfig /renew - Renews the IP address

### Apple Powerbooks & iBooks

- ◆ Your laptop must have the MacTCP Control Panel installed. This control panel comes with recent versions of the system software and should be pre-installed.
- ◆ If you have other MacTCP configurations that you would like to save, the MacTCP Switcher is a useful utility for storing several set-ups.
- ◆ To configure your MacTCP, choose To Connect via Ethernet. Configure using DHCP server, AirPort Preferred Network: **CSL**

## NEED EXTRA HELP?

Check the wireless card manufacturer's Web support page. To find links to product support sites, visit

[http://certifications.wifi.org/wbcs\\_certified\\_products.php](http://certifications.wifi.org/wbcs_certified_products.php) and follow the Wi-Fi Certified Products link.

- OR -

Search the Help Features of your operating system for “wireless” or “wi-fi.”

# California State Library

## WIRELESS HOTSPOT



## Guide for Wireless Users

California State Library (CSL) is pleased to offer wireless access to the Internet in selected public rooms.

We regret that CSL staff cannot provide assistance for helping you reconfigure personal equipment, but we've designed this simple guide to help you get connected.

## USING WIRELESS AT CSL

CSL's wireless network is open to all visitors and does not require any login, password, or encryption.

- ◆ You'll need a laptop or other portable device with a built-in Wi-Fi or installed adapter card.
- ◆ Your laptop or other portable device should have Microsoft Internet Explorer, Netscape Navigator, Firefox, or other web browser installed.
- ◆ Most Wi-Fi or 802.11 (b)(g) compatible units or Apple Airport should work.

## INTERNET USE POLICY

In order to use the CSL wireless network you will need to agree to the CSL Wireless Internet Use Policy. Please read it carefully before proceeding.

## SECURITY HINTS

- ◆ CSL's Wi-Fi network is *not* secure:
- ◆ Do not enable file sharing or print sharing when connecting to **CSL's** wireless network because others could gain access to your hard drive and files.
- ◆ Always use firewall and antivirus software, keep your Operating System (OS) updated, and encrypt your sensitive files.
- ◆ **CSL** is not responsible for changes you make to your computer's settings and cannot be held liable for the safety of personal equipment, laptop configurations, security, or data files created while using its network.

## SECURITY HINTS CONTINUED

- ◆ **CSL's** wireless network is *not* secure and there is no guarantee your hardware will work with its wireless connection. Data and files transmitted to and from your laptop within the signal's range can be captured by any wireless device with the appropriate software.

## WIRELESS SETTINGS

Before changing any settings, try using the wireless network. It may already work. Wireless settings used at home can conflict with settings needed at CSL. Make certain that original settings can be restored before making any changes.

The California State Library wireless service uses the following settings:

- ◆ **SSID or Network Name** = CSL (broadcast so your card should find this automatically)
- ◆ **WEP, WPA, WPA2, or Encryption** = none or disabled
- ◆ **Mode or Network Type** = Infrastructure or Access Point
- ◆ **Authentication** = Open or None
- ◆ **TCP/IP Settings** = Use "DHCP" or "Obtain IP Address Automatically"
- ◆ **Turn Wireless ON** = Many laptops with built-in wireless (and some external cards) have switches, buttons, or software that can be used to turn wireless off to save battery life. Make sure that it is turned on.

*You may need to reboot after you change settings.*

## WIRELESS CONNECTION TIPS

- **Windows VISTA** – Windows Vista has a built-in configuration tool. Click on the icon in the system tray (bottom right corner) to see a list of available networks. CSL should be on the list. Select it and click "Connect". Alternately, settings can be found through the Network Connections in the Control Panel. Select "Network and Internet" then "Network and Sharing Center" and then "Manage network connections".

Right-click the CSL wireless connection that you want to change, and then click Properties and check that the properties match those in the "Wireless Settings" section of this document.

- **Windows XP** - Windows XP has a built-in configuration tool. Click on the icon in the system tray (bottom right corner) to see a list of available networks. CSL should be on the list. Select it and click "Connect" or "Configure" and compare settings to those listed in this document. Also click "Advanced" and check "Connect to Unsecured."

Settings are found through the Network Connections in the Control Panel. Select "Properties of Wireless Network Connection" and check "Internet Protocol (TCP/IP)" settings.

- **Windows 2000** - Settings are found through Network and Dial Up Connections in the Control Panel. Check properties of the Local Area Network associated with the wireless adapter and check properties of TCP/IP.

(MAC OS cont'd on next panel)