

## CED Computing Center –

# Wireless FAQ: setup, finding mac addresses, etc.

Fall 2005

### I'm new to this computer thing. How do I get on the CEDPROXIM wireless network with my laptop/desktop?

Wireless access is given to all CED students with a valid Fall 2005 computing account (Arch, L.Arch, DCRP). However, we need your Mac address. Instructions on how to find your Mac address can be found below. Once you have your Mac address, please give your information (Name, SID no., Mac address, Windows/Macintosh computer, and Department) to the Wurster 477 office, or send an email to [ced\\_computing\\_help@lists.berkeley.edu](mailto:ced_computing_help@lists.berkeley.edu) with subject heading: Fall 2005 Wireless Access. Your wireless access will be enabled within 24 hours.

### What's a "Mac address"?

A Mac address is a 12-digit number (also called a "physical address") unique to the wireless card in your computer. It's what the CED Computing Staff needs in order to give you wireless access to our CEDPROXIM network in Wurster Hall.

### How do I find my Mac address?

For Windows PC users:

- 1) Go to your start menu and hit "Run". In the window that pops up, type: "cmd" and then enter.
- 2) Type "ipconfig /all", enter, at the command prompt.
- 3) In the text that shows up, look for the paragraph titled something similar to "Ethernet adapter Wireless".
- 4) The 12-digit *Physical Address* is the Mac address of your wireless card that you want to give to the CED computing staff.

For Macintosh OS X users:

- 1) Open up your System Preferences (found by dragging down the blue apple in the top left corner)
- 2) Go to Network
- 3) At the top drag down menu for "Show", select AirPort.
- 4) The 12-digit AirPort ID is the Mac address of your wireless card you want to give to the CED computing staff.

### The Computing Staff tells me that my computer has been added to the wireless list and that I should be able to get onto CEDPROXIM. But how do I do that? Are there programs or buttons I need to press?

For Windows PC users:

- 1) Open up your "Network and Dial-up Connections" folder. You can do this from either the desktop, the start menu, or in the control panel.
- 2) Right-click on the Connection that is labeled "Wireless" (check the right column). Make sure that it is "Enabled." If you'd like, you can disable it, wait 10-seconds, and re-enable it.
- 3) After your wireless card has been enabled, it will automatically search and connect to CEDPROXIM, the CED wireless network. But just in case, go to the Windows task bar in the right hand bottom corner of the screen. Right click on the wireless icon and click on "View Available Wireless Networks". A window should come up and CEDPROXIM should be one of the available wireless networks detected by your wireless card. Click on CEDPROXIM, and then press "Connect".

For Macintosh OS X users: In the menu bar at the top of the screen, near the right corner, look for the ¼ pie slice and click on it. This lets you turn on your AirPort card. Once it's turned on, your AirPort should be able to "see" the wireless networks around you. Just click on CEDPROXIM.

### I can see the wireless network CEDPROXIM, but my computer tells me I have "limited connectivity" or "unable to acquire IP address". What do I do in order to get onto CEDPROXIM, and onto the internet?

For Windows PC users: Right-click on your wireless icon in the Windows tray in the bottom right-hand corner. Click on "Repair". If you still receive the same message, then it is likely that your wireless card's Mac address is not in our CED servers. You can come to the 477 Cardkey office, or send an email to [ced\\_computing\\_help@lists.berkeley.edu](mailto:ced_computing_help@lists.berkeley.edu), and give the following information: 1) Your wireless card's Mac address (instructions above), 2) Your first and last name, 3) Your SID no., and 4) whether or not you have a valid CED computing account for the Fall semester.

### I followed the instructions to find my Mac address, but there's nothin' there! What's going on?

1. You need to make sure your wireless card is on. You can check to see if there is a switch on your computer, or check your Control Panel → Network Connections → Wireless, and "enable" the wireless adapter.
2. If you have a network bridge, this will sometimes inhibit your wireless card from properly turning on. Unless the network bridge is needed, we suggest removing it.

\* If you experience any problems, please see the Computing Assistants office at Wurster Rm. 477. Or, you can email us at [ced\\_computing\\_help@lists.berkeley.edu](mailto:ced_computing_help@lists.berkeley.edu).