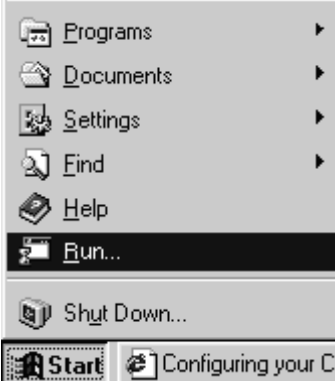
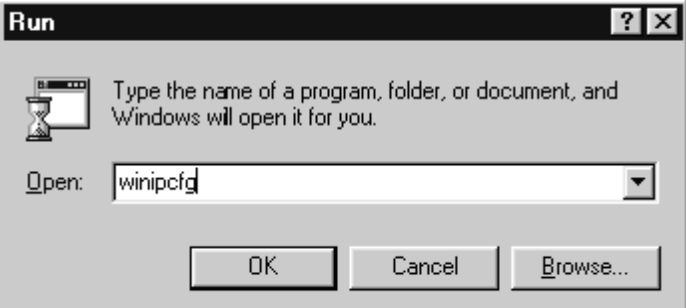
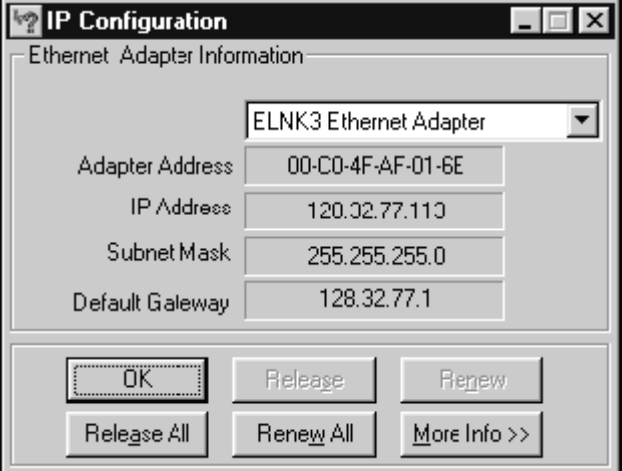


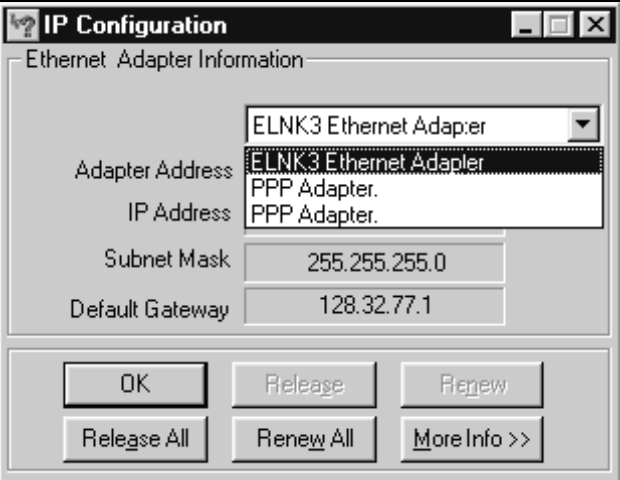
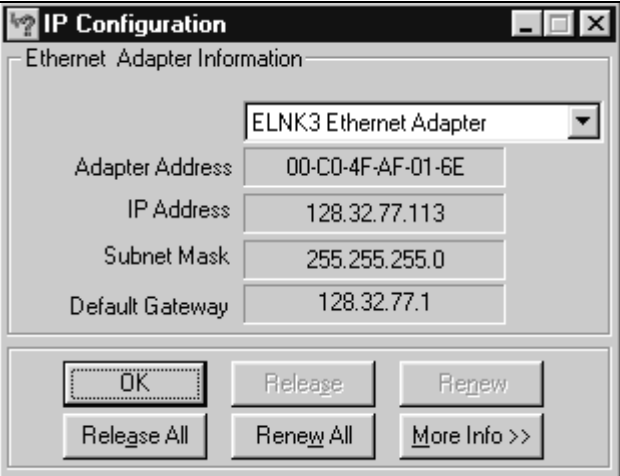
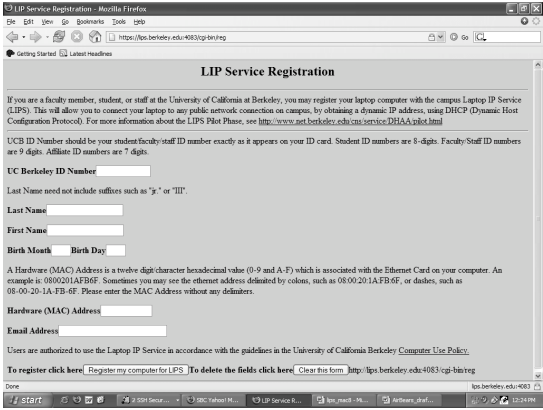
# Laptop IP Service (LIPS)

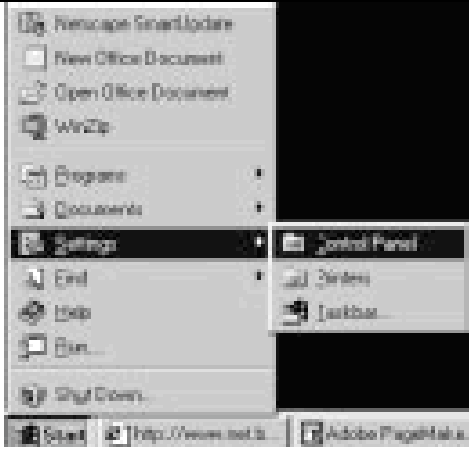

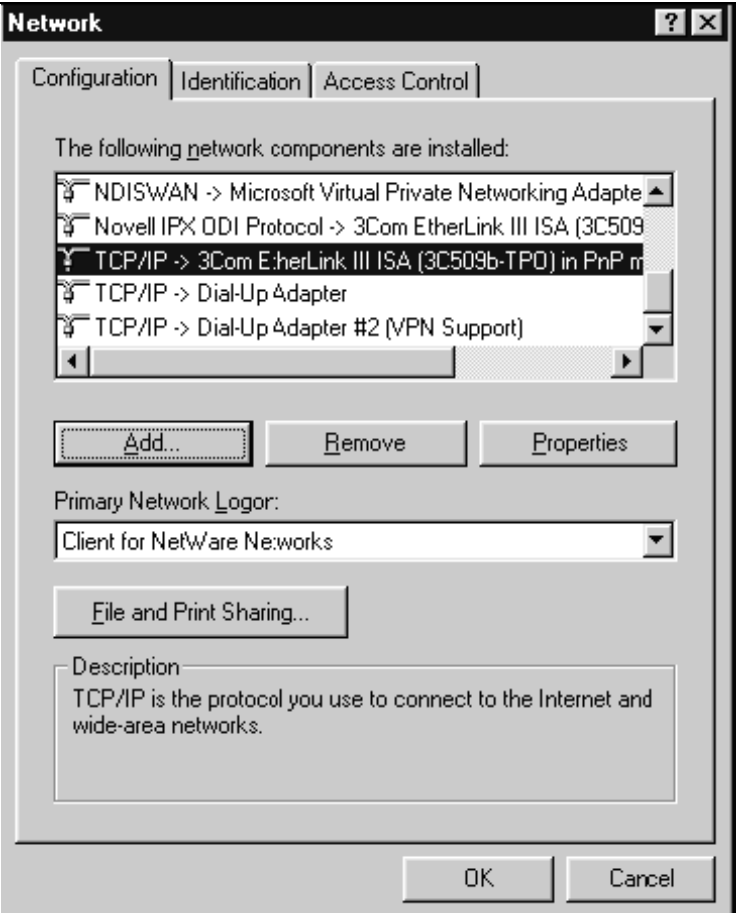
## For Windows 95/98

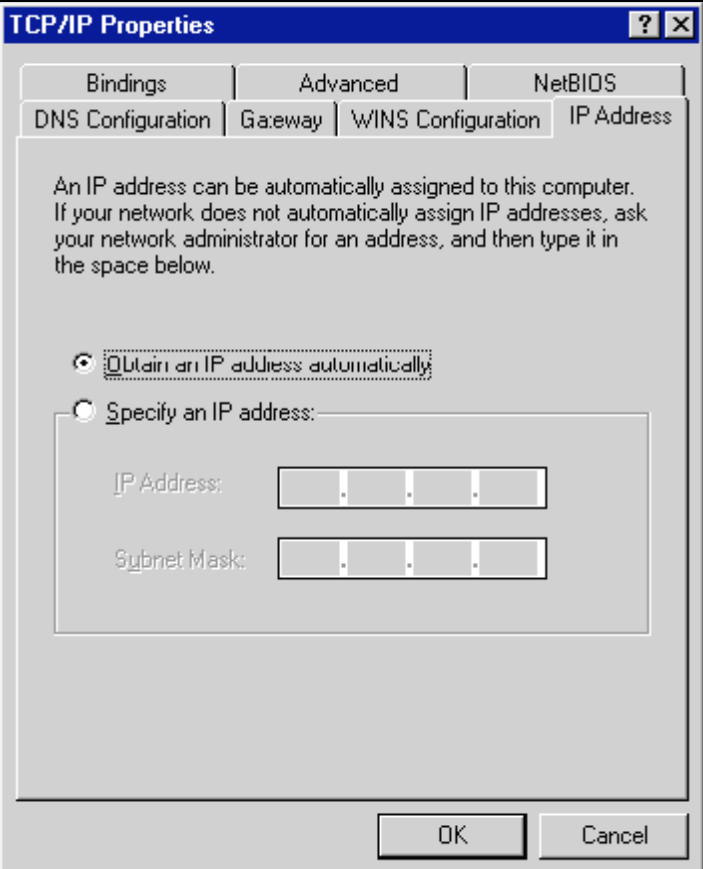
- This document will walk you through the setup for LIPS for Windows 95/98
- For further information about the LIPS service please consult the LIPS website: <http://lips.berkeley.edu>
- For additional handouts, please refer to our website: <http://cafe.berkeley.edu/~sccc/docs>

- In order to use the Laptop IP Service (LIPS) ports, you will need the following:
  1. A laptop computer
  2. 10-Base-T-Cable
  3. Ethernet Adapter

<p>1. <i>The first step in registering your labtop is to determine your Hardware Ethernet Address (MAC Address).</i></p> <p>From the desktop, click on the <b>Start</b> button at the lower left hand corner of your screen. At the ensuing menu, select <b>Run</b>.</p>	
<p>2. When prompted for a program to run, type in "<b>winipcfg</b>" and press "OK".</p>	
<p>3. The following screen will pop up:</p>	

<p>4.</p>	<p>Make sure that your ethernet adapter is listed in the window ("ELINK3 Ethernet Adapter" in the picture above). If you also use a dialup adapter, then "PPP Adapter" may be displayed instead. In this case, press the down arrow and highlight your ethernet adapter as shown below.</p>	
<p>5.</p>	<p>The number you are looking for should be in the box labeled <b>Adapter Address</b> (the series of numbers and letters that the arrow is pointing toward). Copy this address down from your screen.</p>	
<p>6.</p>	<p>Now you need to register your hardware ethernet address (<b>MAC Address</b>) with the LIPS system. This is done only through their website:</p> <p><a href="https://lips.berkeley.edu:4083/cgi-bin/reg">https://lips.berkeley.edu:4083/cgi-bin/reg</a>.</p> <p>You must be a current student, faculty, or staff in order to register. Registration takes 24 hours for your information to be added to the database.</p>	

<p>1.</p>	<h3>Configuring your Labtop</h3> <p>Click on the <b>Start</b> button, point to <b>Settings</b>, then select <b>Control Panel</b>.</p>	
<p>2.</p>	<p>From within the <b>Control Panel</b>, double-click on the <b>Network</b> icon.</p>	
<p>3.</p>	<p>Select the <b>TCP/IP</b> adapter representing your Ethernet card (make sure it is highlighted), and click on the <b>Properties</b> button:</p>	

<p>4.</p>	<p>If your laptop is already configured for a static ip address, write down the IP address, subnet mask, and default gateway information and save it. This is the IP address information associated with the network connection your computer currently uses, and the address which your computer will acquire whenever you connect to your current subnet.</p>	
<p>5.</p>	<p>In order to use LIPS, you need to set to <b>"Obtain an IP address automatically"</b> then click "OK".</p>	 <p>The screenshot shows the 'TCP/IP Properties' dialog box with the 'IP Address' tab selected. The text inside reads: 'An IP address can be automatically assigned to this computer. If your network does not automatically assign IP addresses, ask your network administrator for an address, and then type it in the space below.' There are two radio buttons: 'Obtain an IP address automatically' (which is selected) and 'Specify an IP address:'. Below the second radio button are two input fields: 'IP Address:' and 'Subnet Mask:', each with a four-part dotted box for digits.</p>
<p>6.</p>	<p>You'll be prompted that you need to restart your computer before new settings will take effect. This procedure only needs to be done once. After the initial settings are in place, all you need to do for future use is attach the Ethernet cable from the port to your PC, and turn your PC on.</p>	

NOTE: If you were unable to locate **TCP/IP** from the Network Panel, as described above in step #2, follow the steps below to install **TCP/IP** software:

- Click on the **Start** button, point to **Settings**, then select **Control Panel**. From within the **Control Panel**, double-click on the **Network** icon.

- Click the **Add** button.
- Double click **Protocol**.
- Click on **Microsoft** located under the Manufacturers heading.
- Double click on **TCP/IP** located under the Network Protocols heading.
- Click the **OK** button. You will be asked if you want to restart your computer. Click the **Yes** button

#### Troubleshooting Tips

- Be sure to plug into an Ethernet port with a GREEN sticker next to it. The green sticker indicates ports that have been tested and are active. Main Stacks labels active ports with a green sticker. The Bioscience Library provides patch cords to activated ports.
- Check the lights on your Network/Ethernet card. They should illuminate when plugged into an active port. If the lights do not turn on, try another port that has a green sticker. Also, make sure your card is plugged in and recognized by your operating system.
- Double check your LIPS registration by signing up again. If you made a typo while entering your hardware (MAC) address during your initial registration, you will need to register again with the correct MAC address. Reminder: It takes 24 hours for registration.

IF YOU STILL HAVE PROBLEMS, GO TO THE SCCS LOCATED IN THE 1ST FLOOR OF MOFFITT LIBRARY FOR ASSISTANCE. THE SCCS IS OPEN FROM 10AM-2PM M-F.