

Configuring for Dial-Up: Windows 98 and ME

System Requirements

Any computer with Windows 98/ME and at least 128 MB of RAM can be used for connecting to the Columbia network. If you have an older computer, you should check out the system requirements at

<http://www.columbia.edu/acis/support>

You can connect at any speed from 14.4 to 56K (v.90 or k56flex).

Setting Up Your Dial-up Connection

Step 1. Install Your Modem

Install your modem according to the manufacturer's instructions.

Step 2. Create the Dial-Up Networking Folder

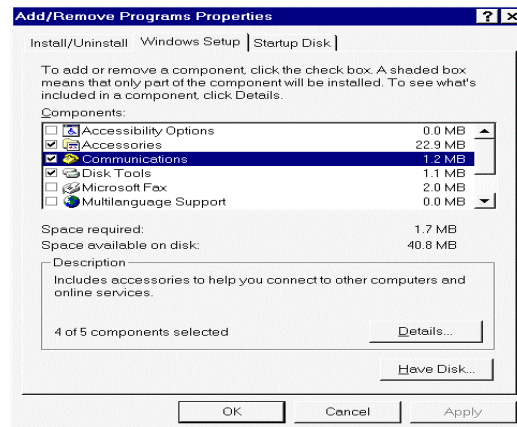
If you are using a Windows 98 system, click **Start**, point to **Programs -> Accessories** to check if your **Dial Up Networking** is installed.

If you are using a Windows ME system, click **Start**, point to **Programs -> Accessories -> Communications** to check if your **Dial Up Networking** is installed.

If you do see **Dial Up Networking**, skip ahead to **Step 3**.

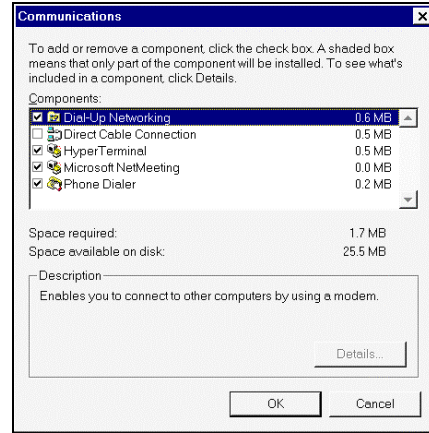
Double-click on **My Computer** and **Control Panel**. Double-click the **Add/Remove Programs** icon.

Click the **Windows Setup** tab and then double-click **Communications**.

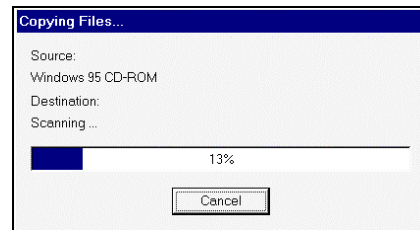


Select **Dial-Up Networking**, so that a check mark appears in the box.

Click **OK** to close the Communications options, and click **OK** again to close the Windows Setup options.



Windows may request that you insert your Windows CD or Windows installation diskettes. The CD or diskettes are needed to install the Dial-Up Networking option you selected.



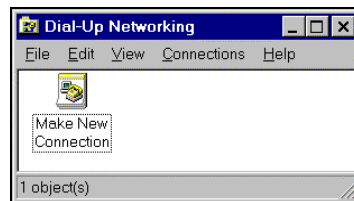
If you get warnings about version conflicts, you should choose to keep more recent versions of files by clicking **Yes**. Click **OK** and then **Yes** to let Windows restart your computer.

Step 3. Create an Icon for Columbia Dial-Up

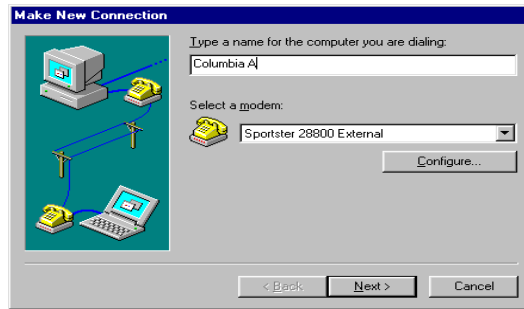
If you are using a Win 98 system, click **Start**, point to **Programs -> Accessories** and then click on **Dial Up Networking**.

If you are using a Win ME system, click **Start**, point to **Programs -> Accessories -> Communications** and then click on **Dial Up Networking**.

Double-click on **Make New Connection**.



Enter **Columbia A** for the name of the computer. If a modem is not already selected, choose your modem from the drop-down menu. Click **Next**.



Enter the phone number you wish to dial.

Use the main AcIS dial-up number , including area code **212 854 3100** to access the AcIS modem pool at any speed from 14.4 to 56k or **212 854 2477** to use the Express Modem pool.

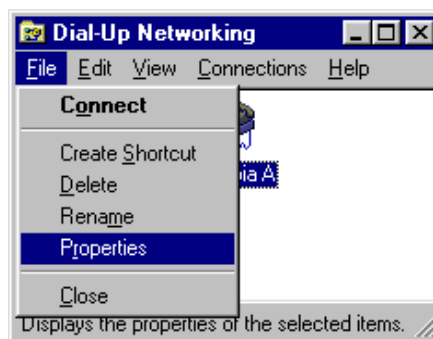


Click **Next** and then **Finish**.

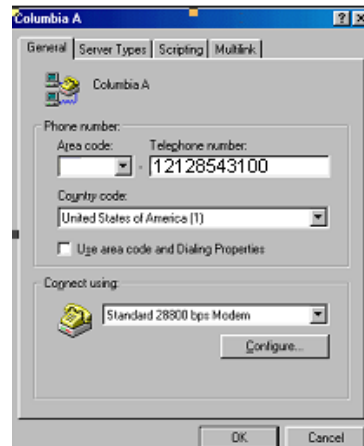
You should now see a new icon for **Columbia A**.



Highlight (single-click) the **Columbia A** icon and select **Properties** from the **File** menu.



Select the **General** tab and ensure that **12128543100** is entered in the **Telephone Number** field. Click **OK**.



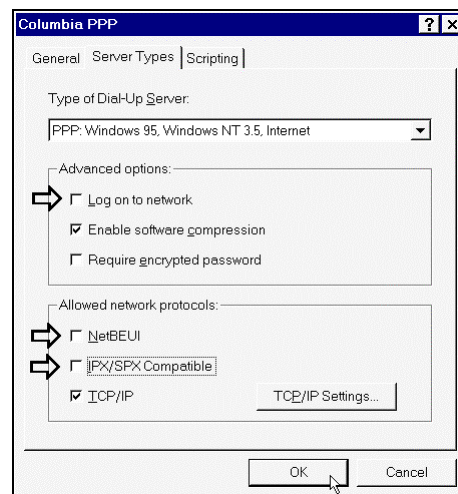
Select the **Server Types** tab, or the **Server Type** button.

You can uncheck the following items

- Log on to Network
- NetBEUI
- IPX/SPX Compatible
- Require encrypted password

If you are using Windows 98/ME, you can also uncheck:

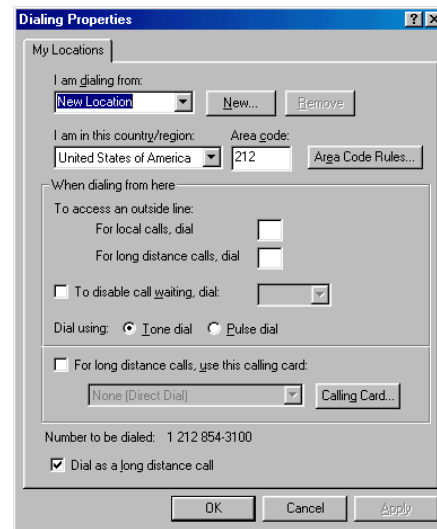
- Require data encryption
- Record a log file for this connection



Double-click on the Columbia icon and click on the **Dial Properties** button.

Find the **Area Code** field. This field should contain the area code from which you are dialing -- **YOUR** area code.

Check the **Dial as a long distance call** box and click **OK**.



Step 4. Test Your Connection

If you are using a Win 98 system, click **Start**, point to **Programs -> Accessories** and then click on **Dial Up Networking** .

If you are using a Win ME system, click **Start**, point to **Programs -> Accessories -> Communications** and then click on **Dial Up Networking** .

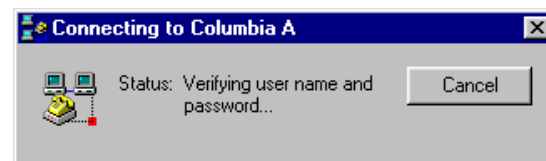
Double-Click on the **Columbia A** icon.

Enter your AcIS account ID (do not include **@columbia.edu**) and password.

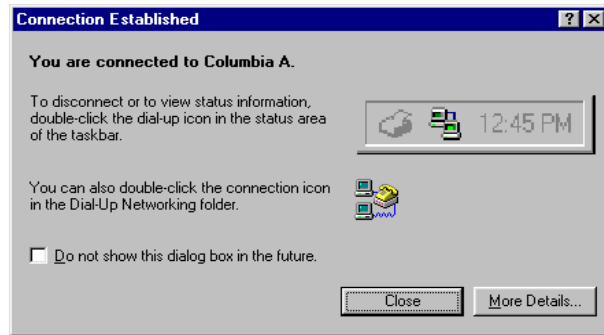
Click **Connect**.



Depending on the configuration and capabilities of your modem, you may hear the sounds of a phone call being placed. When the Columbia computer answers, this message will appear.



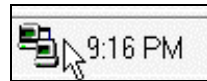
You will see a *Connection Established* message when you have successfully connected.



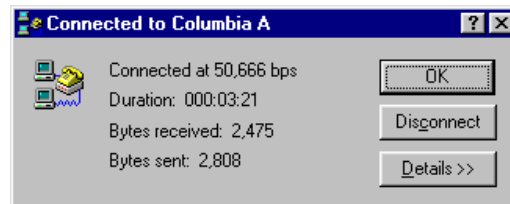
After you connect successfully, you can start other programs, such as Netscape or TeraTerm, which use your network connection.

To disconnect when you are finished: Exit from each of the network programs you started.

Double-click on the **connected computers** icon in the lower right hand corner of your screen.



Close your PPP connection by clicking **Disconnect**. If your external modem has status lights, the OH – off hook – light should go off.



If you have any doubts about whether this has happened, then turning your modem off, disconnecting the phone cable, or using an ordinary phone to check for a dial tone on the line will guarantee that you have hung up the phone.

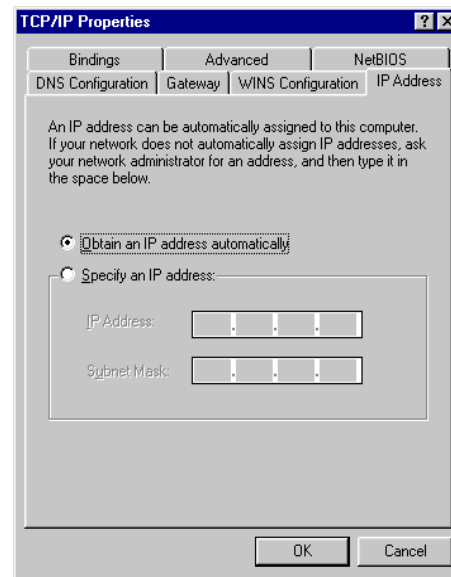
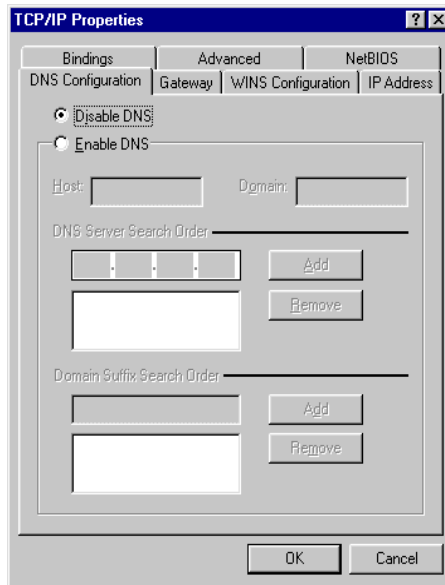
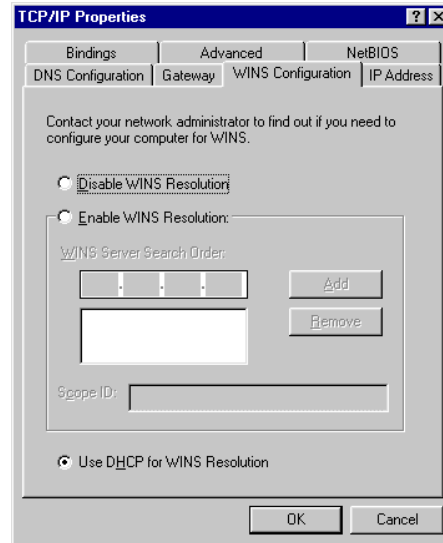
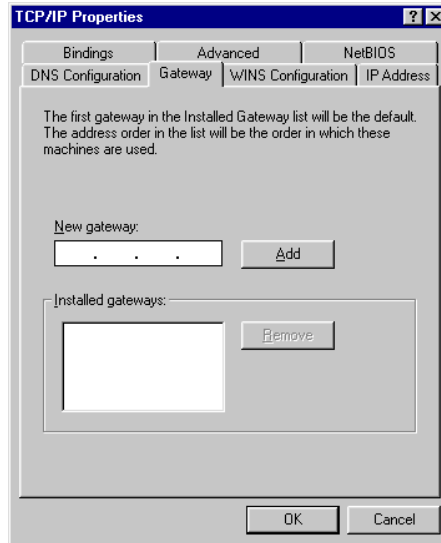
For More Help

- If you have a laptop computer, bring it along with your modem and all cables and manuals to the Computing Support Center, 102 Philosophy Hall, Monday through Thursday, 10am-5pm and Friday, 12 noon - 5pm. **This carry-in service is available for laptop computers only, and you must remain with the consultant while your problem is diagnosed.**
- For telephone support, call the Columbia Computing Helpdesk at 212-854-1919, Monday through Thursday, 8am-8pm and Friday, 8am-5pm.
- Send electronic mail to consultant@columbia.edu

Appendix A — Default TCP/IP Settings: Configure for DHCP

For dial-up networking connections, TCP/IP settings will be assigned to you by the Columbia network. The default settings that Windows uses (as shown below) are correct for this type of configuration.

To make sure that your computer is configured correctly, go to the **Start -> Settings -> Control Panel**, select **Network**, click the **TCP/IP** protocol and select **Properties**. Check that the following items are correct:



Revised: 07132003