

Connecting your Macbook Pro to the LCD Projector

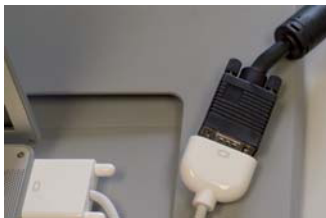


Turn on projector first, then connect the computer and turn it on.

Your Macbook Pro came with a **VGA adapter**. If you do not have one contact the OIT Helpdesk at x4500. (Your students may have one.)

- Connect the **VGA adapter** to the side of the **Macbook Pro**.
- Connect the **other end** of the VGA adapter to a VGA cable that is attached to an **LCD projector**.
- **Turn on the LCD projector**
- **Turn on the Macbook Pro**

Note: In most cases your computer will recognize that it is connected to an LCD projector and will begin projecting your image. If this does not happen you then need to turn "**Display Mirroring**" on so that an **image will be sent to the projector from the Macbook Pro**.



Display Mirroring

- **Top Menu bar**
- Click **Display Icon**

Note: If the **Display Icon** is not on the top **Menu bar** then go to the **Apple Icon** on the top **Menu bar**, and select **System Preferences** from the drop down menu. Select the **Displays** icon from the **Hardware** options. Select the "Show display in the menu bar" checkbox in the Color LCD window and then close the window.

The Macbook Pro is treating the LCD projector like an extension of the built-in Macbook Pro screen, so **you will not see your content projected yet**.

- To see your content
- **Top Toolbar**
- Click **Display Icon**
- Choose **Turn On Mirroring**

This should project your image on both the built-in Macbook Pro screen and the LCD projector.

You now need to choose your Display resolution.



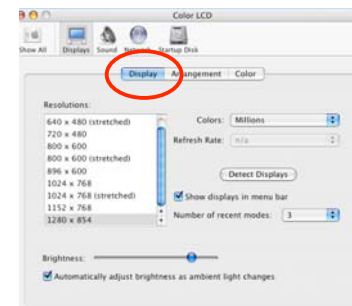
Display Mirroring (continued)



- **Top Toolbar**
- Click **Display Icon**
- Select **Displays Preferences**

Note: By opening this control panel you can access all of the control features for your display/screen including resolution size, monitor arrangement, Mirroring, and colors.

- Color LCD/**control panel window** opens
- Select the **Display tab**
- Choose a **Resolution** (The native monitor resolution for your Mac Macbook Pro is 1280 by 854.)



Note: Because most of the LCD projectors on campus have a native projection resolution of 1024 by 768 it is recommended that you set your computer's resolution to 1024x768.

Your built-in screen height to width ratio will look different when it is changed to 1024x768. This is normal.

Some of the newer LCD projectors have the ability to project higher resolutions than 1024x768. Experimentation and personal taste will dictate what resolutions you use for your Macbook Pro when connecting to a newer LCD projector on campus