

CPSP 218G Earth, Life & Time Semester III

A Quick and Dirty Guide to capturing images with Adobe Photoshop.

September 21, 2009

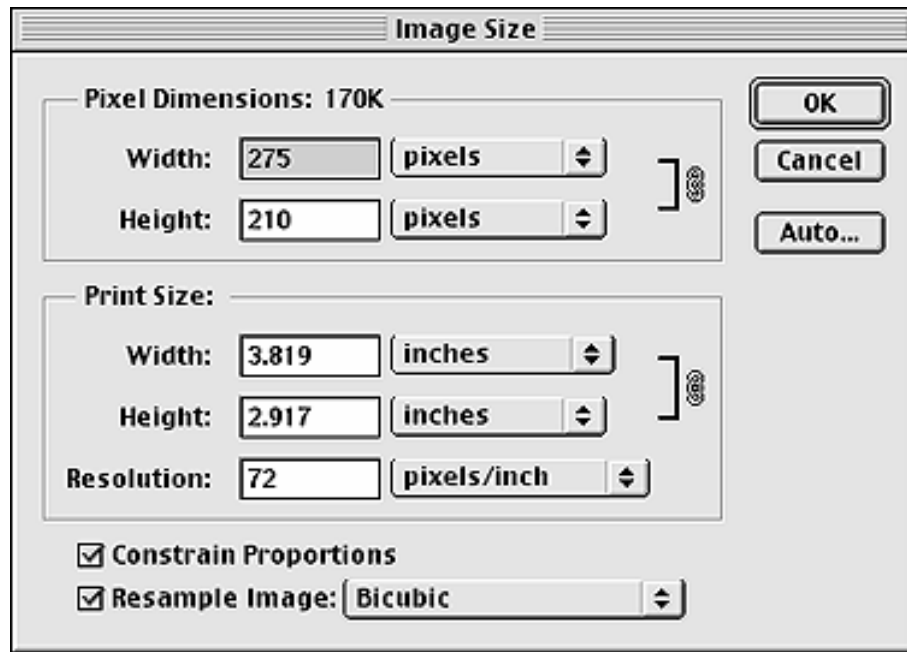
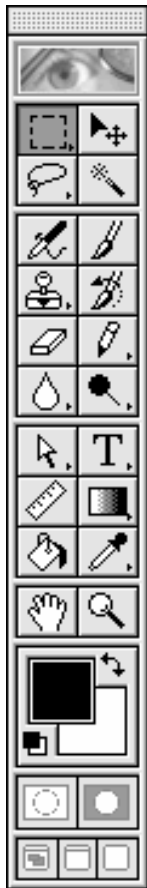
CAPTURING IMAGES:

• **Digitize your photos:** If you have taken your photos with a digital camera, this step is superfluous. If you have slides or prints, you will need digitally to capture their images. There are a number of slide scanners and flatbed scanners available on campus towards this end.

MASSAGING YOUR IMAGES:

You may need to correct minor problems with your photos. Here are some common procedures: You can use any version of Adobe Photoshop for this. (NOTE: the particular menu configurations shown here may not match those on the version you use.)

- **Sizing:** To adjust the size of the image, select the “image size” command from the “Image” menu. This dialog box appears:

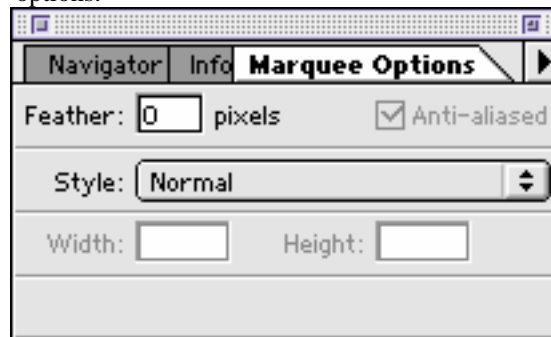


First, set the resolution to what you want to use. Typically in printing you want at least 300 dpi (but for our graphics exercise it is only 72 dpi). Then input the desired width and height in the “print size” fields.

- **Rotating:** Often, you find that the scanned image is not quite level. To correct this, go to the Rotate Image submenu of the Image menu and choose the Free Rotate command. A dialog box will appear in which you input the number of degrees to rotate the image. **Note:** Do this before you crop!

- **Cropping:** To crop, use the Marquis tool to draw a box around the part of the image you want to save. Then select the “crop” command from the “Image” menu. The image is cropped.

Note: If you want to constrain your image to certain dimensions, you can use the marquis tool. Just double click on it in the tool box. A window will appear in which you can select “normal,” “constrained aspect ratio,” or “fixed size” options.



If you want a fixed size image, you can input the dimensions and click on the image with the cursor. The resulting box will be of the desired dimensions. Now just move it to the right spot and crop. Remember to set the marquis back to “normal” when you're done.

IMPORTANT NOTE: Some people have made the mistake of using the “Image size” window to resize their images to new dimensions that don't retain the original proportions. To do this, crop your images: DON'T resize them. Resizing yields a distorted version of the original. You might as well place a “moron” sign on your forehead or walk around with your trousers around your ankles as present one of these publicly.

– **Sharpening:** If your image is **slightly** blurry, you can sharpen it with the sharpen filter. Select the “sharpen” submenu from the “filter” menu, and then select the “sharpen” command. You can experiment with the other sharpen options, but my experience is that it's easy to overdo this, **especially if the photo came from a digital camera.**

Your images are now ready to be imported into Adobe Illustrator or Microsoft PowerPoint.