## **GIMP** for Photo Editing

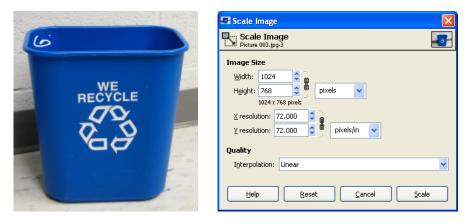
Download GIMP from http://www.gimp.org/

Install the software. GIMP stands for GNU Image Manipulation Program. It is open source software.

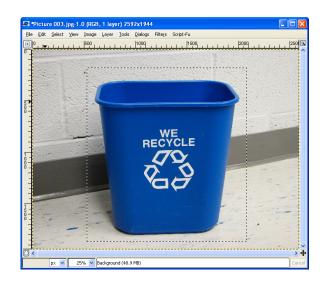
**Getting Started**. Click Start > Programs > GIMP. Pull down the File menu, select Open. Browse for a graphic file in Documents > My Pictures. Click Open.

**Resizing a Photo**. Pull down the Image menu and select Scale Image. Resize large photos to 1024x768 or 800x600 for printing. Resize photos to 150-250 pixels height for web publishing. Set the resolution to 72 pixels (dpi). Click Scale.

The photo below is 200 pixels high.



**Cropping a Photo**. Choose the Selection Tool from the Pull down the Tools panel. Select the area you wish to keep. Pull down the Image menu and select Crop Image.



Adjusting Image Color. Pull down the Layer menu, select Colors. Notice the choices in this area. First, choose Color Balance. Use the slide bars to make minor adjustments in color. If you don't like it, choose Reset. Within Layer>Colors, choose Brightness/Contrast and use the slide bars to make adjustments.

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Adjust Color Balance Background-2 (Picture 003.jpg)			is			
Select Range to Modify						
○ Shadows						
<ul> <li>Midtones</li> </ul>						
O Highlights						
Modify Selected Range's Color Levels						
Cyan	Red	0	-			
Magenta	Green	0	-			
Yellow	Blue	0	\$			
	Re	set ran	ge			
Preserve luminosity						
Preview						
Help Reset Cancel		<u>о</u> к				

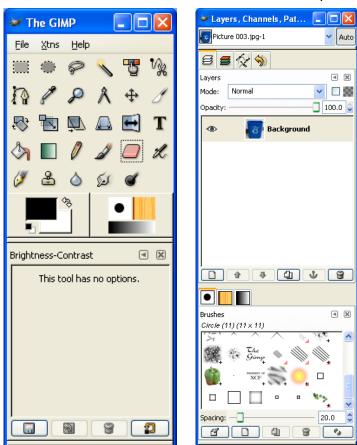
🛩 Brightne	ss-Contrast	X
Adjust     Backgrour	t Brightness and Contrast nd-2 (Picture 003.jpg)	6
Brightness:		O 🗘
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Preview		
Help	<u>R</u> eset <u>C</u> ancel	<u>o</u> k

Adding Lines, Shapes, and Graphics. Select tools from the tool panel and apply them to your visual. Notice that you can change the color and brush strokes. Ideas: Take a photograph containing a "shapes in our world." Add line s or ovals to show the shapes.

Copying a photo. If you want to copy your photo to another software package, pull down the Edit menu, select Copy to Clipboard.

Saving a photo. Pull down the File menu and select Save As. Notice the options for saving as different file types such as png.

🛩 Save Image	X
Name: recycle.jpg	
Save in folder: 🗁 Picture	~
Select File Type (By Extension)	
File Type	Extensions 🖄
PGM image	pgm
Photoshop image	psd
PNG image	png
PostScript document	ps
PPM image	ppm
Silicon Graphics IRIS image	sgi,rgb,bw
SUN Rasterfile image	im1,im8,im:
TarCA image	tas 🕑
<	>
Help Cance	Save



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