

## Images aren't sharp?

- Handholding Shutter speed rule.  $75\text{mm} \times 1.6 = 120$ , so 1/125th or up.  $300\text{mm} \times 1.6 = 480$ , so 1/500th or up.
- Try to never go below 1/60th for children, even when posed.
- When using flash for main light, the flash acts like the shutter speed.
- Focus is off. Make sure center point only, then focus recompose.

## Exposure

- Pure white should be close to the right edge of the histogram.
- M, Aperture Priority, Shutter Priority only. I like Shutter Priority(Tv, T).

## DPI:

- Most labs need 240dpi. Inkjet prints like to have 300dpi??
- 6pm file = 3072x2048 pixels = 12.8x8.5" @ 240dpi, 10.2x6.8" @ 300dpi.
- 8mp file = 3504x2336 pixels = 14.6x9.7" @ 240dpi, 11.7x7.8" @ 300dpi.

## Studio Lighting:

- Quality of Light.
  - Diffused and directional.
  - None or at least very little blown out skintones.
  - Main light need to hit both eyes fully.
- Main, Fill.
- Softbox vs. Umbrella.
- Lighting Ratios.
- The strategy of setting up your lights.

## Posing

- Turn slightly to the side, bend front leg, or "Drink in your hand".
- Make Triangles.
- Why use a tripod?
- How to keep children in one place.
- Camera height effects the look. Always be thinking, what if I was higher/lower/tilted, etc.

## RAW vs. JPEG

- White Balance main advantage.
- Ease of manipulation.

## On Camera Flash Techniques: Bounce, Bounce, then .....Bounce!

## Colour Space: sRGB vs. adobe1998(RGB).