

*President*  
*Donna Colville*

*Program Chairperson*  
*Charlie Anderson*

*Secretary*  
*Russell Dohrmann*

*Treasurer*  
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## November 12, 2009 Program

The person who was supposed to present the program in November has been rescheduled for February 2010. Several ideas for programs are in process. As soon as the program for November is known an email will be sent announcing the program.

The newsletter is distributed now to give notice about the upcoming Flatirons Photo club Print Exhibition and Reception to be held at the North Boulder Recreation Center. The exhibit runs from Nov. 1-30, 2009. The reception will be held on Nov. 8, 2009 which is before our next club meeting. Details are included in the newsletter.

## New Members Exhibition

New members are invited to bring images to the meeting for exhibition. Up to 5 images per new member. They may be brought to the meeting on compact flash drive, or as prints. There will be no judging or critiquing of

the presented images. But, if one so chooses they can ask for feedback on their presented images. This month we welcome Silvia Gentile, Aaron Janowski, Ning Mosberger, and Joyce Wycoff.

## Digital Entry Sizing

What is the maximum height for portrait format entries? The maximum vertical dimension of a digital submittal is 768 pixels. The maximum horizontal dimension is 1024 pixels. 1024 x 768 is a 4:3 aspect ratio. Images taken in 3:2, 19:6, 1:1 or panoramas may be 1024 pixels wide but will not be 768 pixels tall. Similarly a vertical (portrait) image can be 768 pixels tall, but will probably only be around 512 pixels wide.

But, how many pixels per inch? Most monitors produce around 100 pixels per inch. It is best to use between 72 and 100 pixels per inch.

Why is there a 350 KB limit for image size? This is the JPEG compressed size. With so many images being submitted each month we have chosen a compressed size that will

give good resolution when decompressed, yet will not overload our email server and still transmit in a reasonable amount of time over dial-up. However, some people have reported that they cannot get a 1024 x 768 image at 90 ppi to compress to this small of size. Beginning now the new maximum compressed size is 450 KB.

I don't use Photoshop and I can't control image sizing to these exact dimensions, what should I do? Do the best you can. If you use iPhoto or Picasa, for example, you can specify the image to be small, medium, large, or original. Pick one and see how large the image is when attached to your email. Select another size if necessary. Sometimes you can control this in your email program.

## Monthly Competition Results - October

*In Oct. there were 42 digital entries and 6 print entries. The judge was Charlie Anderson.*

*The monthly topic was 'chiaroscuro'.*

*Note that the awards from each month are now on the club's web site. The most recent members competitions awards can be viewed at:*

[Flatirons Photo Club Award Gallery](#)

### Open Category Print

There were no entries in the Open Print category.

### Open Category Digitally Projected

Award - Ginger Zukowski, "Alley Guy"  
HM - Bill Rich, "Potty with a View"  
HM - Cathy Cook, "Ape Face"

### Special Effects Print

Award - Gail Dohrmann, "Oregon Beach Sunset"

### Special Effects Digitally Projected

Award - Fee Chin, "All That Jazz"  
Award - Gail Dohrmann, "Curvy Kodolith"

### Monthly Topic Print

Award - Gail Dohrmann, "Reading by Candlelight"

### Monthly Topic Digitally Projected

Award - Jim Downs, "Pulpit 2"  
HM - Cathy Cook, "Altar of Death"  
HM - Jim Downs, "Vaulted Dome"

## Monthly Competitions

*For information on how to submit images to the monthly competitions see the club web site.*

Members may enter up to 4 images in the monthly competition as prints and/or digitally projected images. Two of these may be in Special Topic. The categories are:

**Open** - the style of an entry into the open category is that of a photograph even if extensive editing and multiple images were used in its creation. B&W presentation of images in this style are in this category.

**Special Effects** - the style of images in this category exhibit creative/artistic characteristics - images that look to be highly creative and artistically presented through creative capture, editing, and/or manipulation. Images which are painted, collages,

montages, multiple exposures for creative effect, images using overlays, etc. fall into this category. Even images created in camera can fall into this category.

**Special Topic** - a topic of the month is assigned. Images in this category are judged for how well the image depicts the topic as well as for photographic, artistic, and technical aspects. Special effects are allowed in the Special Topic category.

The monthly topic for November 2009 is:

### Soft

Note that you must have paid your dues for 2009 in order to enter the Monthly Competitions.

## Monthly On-line Image Gallery

Each month members may submit two images to the club's on-line image gallery. The purpose of the gallery is to provide a venue for members to show their images. This is an excellent way to show images and get feedback in a non-judgmental environment. Each person submitting images is

requested to post a comment about their own images once the gallery is available for viewing. Viewers are encouraged to make comments. The galleries can be viewed at:

[Flatirons Photo Club Member Gallery](#)

## Competition Categories for the Year End Competition

December is the club's Year-End (Best of the Year) Competition. There are five categories.

Color - Open subject where the style is photographic. These must be color images.

Travel/Photo-Journalism – Traditionally created images that tell a story of a people, a place, a time, or event.

Special Effects – The style of these images is 'creative'. In camera techniques and post-processing image editing software

are used to create an image that is a 'departure from reality'.

Nature – nature subjects are of natural elements, but do not include domesticated plants/ animals and should minimize the 'hand of man'.

B&W Print – prints only, black & white, monochrome, sepia tone, duo-tone prints. Special effects may be used.

Prints and digitally projected entries into the categories are judged separately except that the B&W category is for prints only.

*The competition categories for the year end competition held in December are slightly different than those of the regular monthly competitions.*

*Images shown during the regular monthly competitions are perfect candidates for the year end competition.*

## Digital Study Group

The digital study group sponsored by the Flatirons Photo Club meets on the first Wednesday of each month (7 - 9 PM, in the same location as the regular club meeting). This is a self-study group, but there are suggested study topics.

Nov - emulate a split field neutral density filter.

Dec - emulate color or B&W infrared

Participants bring a before and after image to the meeting and describe the steps they went through to obtain the final result. Images are brought to the meeting on compact flash drives (thumb drives) and can be in any format with or without layers.

The study group is open to anyone interested in improving their digital image processing skills.

## News and Announcements

**Flatirons Photo Club Print Exhibition at the North Boulder Recreation Center.** Twelve (12) framed prints by members of Flatirons Photography Club have been selected to hang in Gallery A - the hallway to the left of the reception desk leading to the 'big gym.' Eleven (11) photo club members will have images on display in this exhibition. The exhibition is open from 1 November through 30 November, 2009 during NBRC normal operating hours.

A reception for the exhibitors will be held in the Bison Room (to the right of the reception desk and down a long hallway) on 8 November 2009, from 5 PM to 7 PM. The reception is open to anyone who wants to see the exhibition and meet the artists/photographers. Snacks and light refreshments will be served. No alcoholic beverages are allowed and none will be served. You can invite your family and friends and anyone who might be interested in seeing the work of Flatirons Photography Club members.

### **You say you want a resolution!**

Earlier in the newsletter it was pointed out that projected images should have a resolution of about 100 pixels per inch when submitting a 1024 x 768 pixel image for projection.

What about images for email or for the web? A resolution of 72 ppi is usually recommended.

But what is the best resolution for printing? Resolution for printing can range from 180 ppi to 360 ppi.

But my printer says that it prints at (720 dpi, 1440 dpi, 2440 dpi - pick one). This is the number of dots of ink put down in one inch by the inkjets of the printer. A pixel represents one color tone, but the printer might have to put down 3 or more dots of ink to achieve that tone. So Dots Per Inch and

Pixels Per Inch are related, but not equal. Some people recommend using a direct relationship between these two numbers when specifying the pixels per inch of an image to be printed. For example using 360 pixels per inch for images to be printed on an Epson printer at 1440 or 2880 dpi. But others have run tests to show that any number between 180 ppi and 360 ppi produces acceptable prints.

But, how big of a print can I make? First look at the native size of the image as it comes out of the camera - say 3000 pixels by 2000 pixels - divide each dimension by the resolution - this is the maximum print size.

But what if I want a bigger print? First, many cameras these days make images with larger pixel dimensions than 3000 x 2000. But even if they don't many image editing programs all for re-sizing. This uses a mathematical algorithm (rule/process) to look at each pixel, and adjacent pixels to make an image that looks as close as possible to the original but at a higher resolution with no artifacts or pixelization.

**Projected Color Image Differences** When projecting images in club competitions using the club's digital projector some members have noticed that the colors and tonal values are not as they remembered seeing them on their home computer monitor. The main reason for this is often that the home computer monitor is not calibrated, or, if calibrated, the monitor is too bright. To check monitor brightness, make and display an image that is all pure white. With a camera set at ISO200, 1/30 sec. take a light reading of the displayed image on the monitor from normal viewing distance - the light reading should say f5.6.

## Meeting Time and Location

The Flatirons Photo Club meets on the 2<sup>nd</sup> Thursday of each month except July and August. The meetings start at 7:00 PM. The meeting location is the 2<sup>nd</sup> floor cafeteria of the Mapleton Center, at 311 Mapleton, in Boulder, Colorado.

**Contact the Flatirons Photo Club by e-Mail:**  
[flatirons@flatironsphotoclub.com](mailto:flatirons@flatironsphotoclub.com)

**Visit the Club Web Site at:**

[www.flatironsphotoclub.com](http://www.flatironsphotoclub.com)

**The Flatirons Photo Club's On-Line Galleries may be viewed at**

<http://www.pbase.com/flatirons>

**Submit Images for competition by attaching them to an e-mail addressed to**

[digitalentries@flatironsphotoclub.com](mailto:digitalentries@flatironsphotoclub.com)