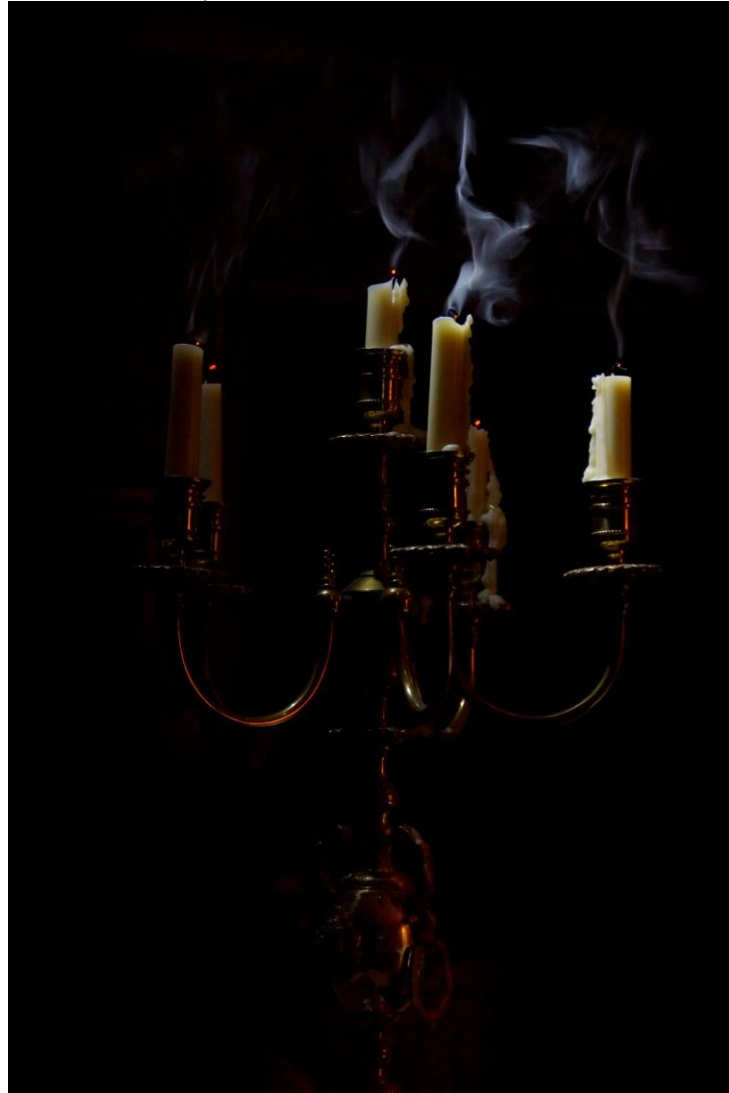


# Welcome to Ghost Photography

My Meeting/Julie Ackerman

f5.6 1/8 sec ISO 1600 70 mm



## IMAGINE

Right now  
At the age of  
25 by investing  
Just pennies a day  
You can be a  
Millionaire by the  
Time you are  
65 years old.

AI INVESTMENTS  
1-800 Mad Rich



What is Ghosting Photography - For our purposes it is including an image in the photo that looks as though it is has partially materialized. This can be used to create a marketing photo,

f/25 30sec ISO 100

# She's Lost Her Head

Or a creepy photo.

f/14 15 sec ISO100



# The celebration of matrimony



L.N. Gephart

or even a wedding photo.



The intent is only to provide you with another Key to creativity, or with a tool that you may add to your toolbox.  
f/22 .62sec ISO 100 30mm



- You may take ghost photos almost any time of the day, however the brighter the environment you are in, the more difficult the shot will be. Fading light and darkness are your friends in creating a great ghost shot. The challenge is to make sure your shot is not under or over exposed.

## • What Tools Do You Need besides your MANUAL

- Tripod
- Timer and/or Shutter Release
- Camera ...with the ability to change shutter speed, aperture and ISO. If you use a mirrorless camera you can see what the image will look like when you change settings.
- A Plan .. Scout out the area that you will be working in. Get a good understanding of the light and shadows that are most likely to be present during the time of day you will be shooting. Use a notebook to write down your ideas for the shoot.
- Costuming ....Depending on what you want to shoot you may want a costume for the model.
- Model.. Someone who is comfortable with you, the costume and taking direction.
- Stationary Item...Things like a teacup for some shots that do not include models.
- Lighting...If you plan on using more than natural light. You may need a flood light or several lights.

# Taking Ghost Photos During Daylight Hours

- You need to be able to shoot in Shutter Priority or in Manual.
- A Low ISO will take in less light making the day seem darker.
- A high Aperture will let in less light making the day darker as well.
- Adjustable Shutter Speed will set the amount of time the sensor has to be affected by light. A shorter shutter speed will make the photo darker. If the shutter speed is short enough, there will be no streaking or movement of the Ghost figure. There will be no blurring in the photo.

# Taking Ghost Photos During Dark Hours

f/5.6 1/25 sec ISO 1600 70mm





# Darkness

It is dark, even when the moon is out. You will need a good light source besides the moon. If the light source is directional, it is easier to work with. If your subject is dressed in white, they will show up better against a dark background. If they are dressed in dark clothing against a dark background, you will need to light the space between the two.

By Increasing your ISO, the sensor will become more sensitive so that you can take the image with less light. A higher ISO adds grain to your photo which may possibly make it look more aged. If you do not want the grain, you can reduce the that effect in post processing.

When you decrease the aperture, the lens lets in more light, and it creates a larger depth of field so you can have the subject in focus and the background blurry. If you focus with the lower aperture the field that is in sharp focus is very narrow. Therefore, you can possibly get some Bokeh in the background, if not a blurred background.

Increasing the shutter speed increases the time that the shutter is open. This means that it is possible for your subject to be blurry if there is any movement at all. It is strongly suggested that you use tripod. This will keep the background in focus and allow any movement to be blurred.

f/5.6 1/8 sec. OSI-6400

80mm focal length WHITE DINNER 106



f/5 1/8 sec ISO6400 70mm SPARKLERS AT WHITE DINNER



f/6.3 ¼ SEC ISO 6400 MM120 SPARKLERS AT WHITE DINNER





F/3.5 1/8 SEC EXPOSURE ISO 6400 FILTERS STYLISING 18 MM BW/SEPIA



F3.5 1/15 SEC. ISO 6400 18MM





F/25 30 SEC ISO100 130MM My favorite teacup



F29 30 SEC ISO 100 50MM The Birds

I moved the birds every 8 seconds Notice they do not do well against complicated back grounds.



F/25 30 SEC ISO 100 35MM

I moved the birds every 15 sec. Note that they do not show well where the background is white.





F/14 15 SEC ISO 100 22MM The Dance

I turned the mannequin during the shot, but you cannot see me.



F/7.1 1 SEC ISO 500 35MM  
Camera movement created Ghosting



F13 1/250 SEC ISO 100 18MM

Shadows were added to the building in PS to create Ghosting





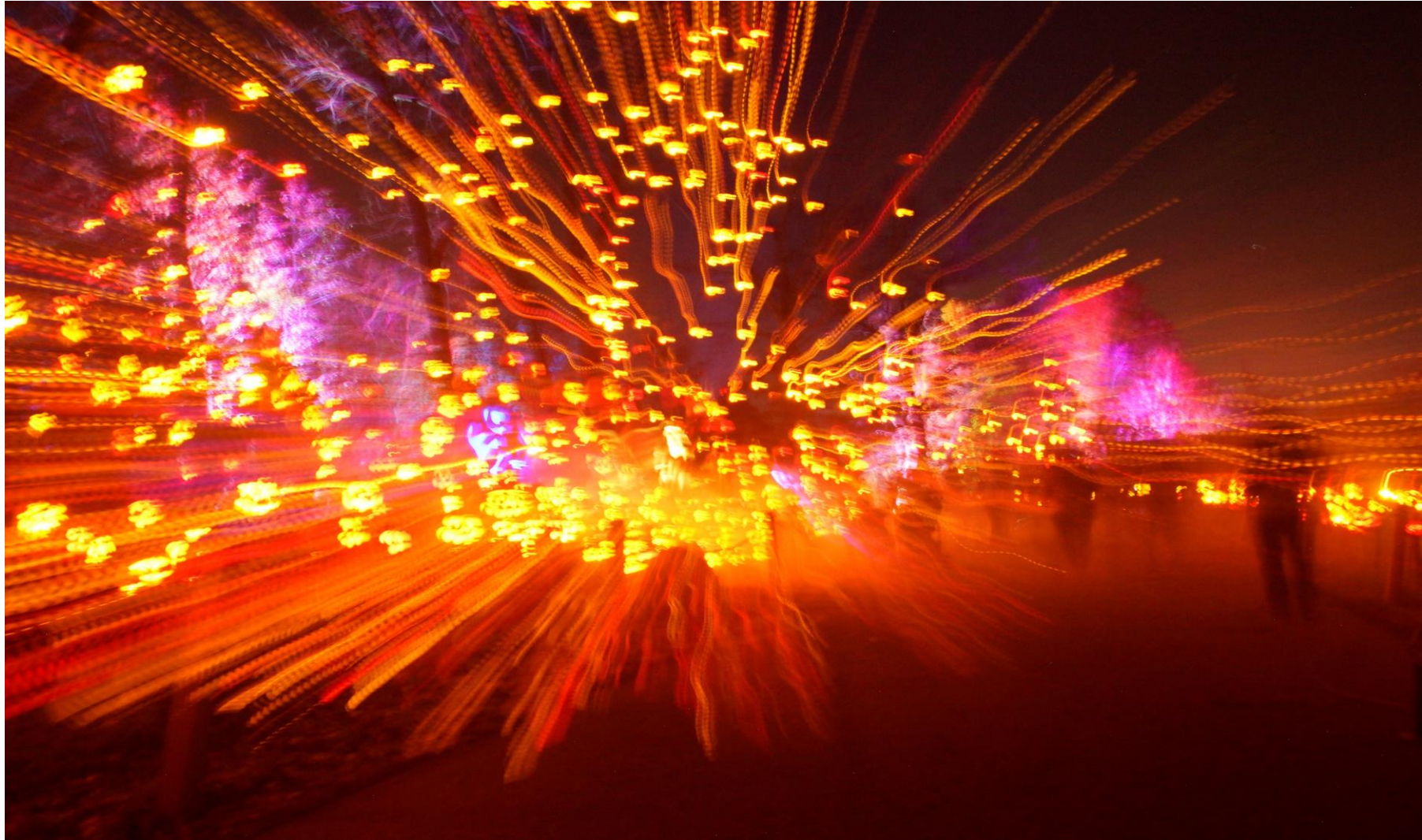
F16 1/60 SEC ISO 200 85 MM

Shadows were taken from this photo to embellish the previous photo.



F5 4 SEC ISO 1250 18MM

# Ghosting created by sliding lens





F/11 1.6 SEC ISO 30 28MM



# Notes

- Sutter speed priority. If the shutter speed is between 6 to 8 seconds have your model stand still for  $\frac{1}{2}$  of the time. Using a tripod, focus on your model. Change your setting to manual. The other  $\frac{1}{2}$  of the time the model is moving into place. A white outfit shows up best against a dark background. If the background is bright, it will blow out the ghost. By moving quickly, you will only see the model standing, however if she/he moves slowly there will be a streak.