Ghost Portraits

- Students will practice basic portrait photography and use a slow shutter speed to create a ghostly portrait

- Students must use manual focus, slow shutter speed, camera shake, motion blur, or other in camera tricks to create a portrait

- Students should turn down the shutter speed, plant their camera on a tripod, then move when a portrait is taken to get a ghost effect

- If students have a few ghost images, they may try changing the focus, changing the ISO settings, changing the position of the camera with a slow shutter speed to get different effects

- The portraits do not have to be perfectly in focus, or well exposed. There should be the outline of a person in the image.

- Students without access to a DSLR or great cell phone camera can experiment with other ghost portrait conventions.

Students must hand in 5 successful ghost portraits.

Video:
https://youtu.be/D-vbZ60eg0o
https://youtu.be/0G42udTNa-E

Ghost by Joelle Chmiel

How to take a Ghost Portrait with a DSLR

1. Find a ghost, jk, a partner. Have your partner stand in a shady or dimly lit area.

2. Mount your camera on the tripod or stable surface

3. Switch to Tv mode, set the ISO to 100, set the shutter speed to 3-5 seconds

4. Focus the camera on the model by depressing the shutter button halfway, then flip the focus switch to MF to lock it at the distance you need it

5. You can turn on the self timer to 3 seconds to reduce camera shake or use the remote shutter to release the shutter

6. Press the shutter button and tell your model to move around

7. Check your shot. You should see some motion blur. If the exposure is too bright, switch to Manual Mode and control the Aperture setting as well as Shutter Speed and ISO to get the correct exposure.

8. Still stuck, watch this: https://youtu.be/D-vbZ60eg0o

How to take ghost portraits with your cell phone

The following slides are an overview of several key points of taking long exposure photographs on a cell phone. We will cover:

1. Making a DIY phone tripod

2. Purchasing/using a Phone Tripod

3. Converting iPhone live photos to long exposure photos

4. Using the iPhone Slow shutter cam app ($1.99)

5. Using the default Samsung phone app to take long exposures, and a few app recommendations

6. What to do if your phone can't do any of this.

Keep in mind, that depending on the smartphone model you own, it may be incapable of taking long exposures. Even with an app, the long exposure shots are "simulated" and are accomplished better on a DSLR

Making a "do-it-yourself" phone tripod

- I've found that the best cheap DIY tripod is a cup. Only drawback is it needs a stable surface.

- There are other DIY tripods, you can make whichever one you prefer

- You need a tripod because long exposures look better without camera shake

- You should not touch your phone to take the photos, so that it is free from camera shake

https://youtu.be/TTtJovKtujo
More Videos:
https://youtu.be/NCF-uPQ4zzo
https://youtu.be/0EjGUXVyTzY

Purchasing and using a Phone Tripod

- Cell phone mounts for tripods are cheap, this one is $15

- You can make one from a paper clamp and a screw, but its involved

- Honestly, investing in your own tripod isn't that costly either, the cheapest ones are $20-$25 and are the exact ones we use in class

- Stabilizing your phone is an absolute must for long exposure photography, so if you enjoy this invest in a tripod.

Converting iPhone live photos to long exposure photos

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1. Open the Camera app

2. Turn on Live Photos (an icon with concentric circles at the top of the screen)

3. Set the self-timer (a clock-shaped icon to the right of Live Photos) for 3-10 seconds. Using the self-timer for long exposure shots reduces camera shake.

4. Position your iPhone on a tripod and frame your shot.

5. Tap the shutter button to take a Live Photo, (I recommend you connect headphones and use the volume button to activate the shutter so there's no camera shake)

6. Open the Photos app and find the photo.

7. Swipe up on it to reveal Effects

8. Swipe left until you see the Long Exposure effect. Tap on it to create your long exposure photo.

9. If for some reason you aren't happy with the results, you can easily revert back to the original Live Photo by tapping Live in the Effects menu.

Found Here: https://macpaw.com/how-to/long-exposure-iphone

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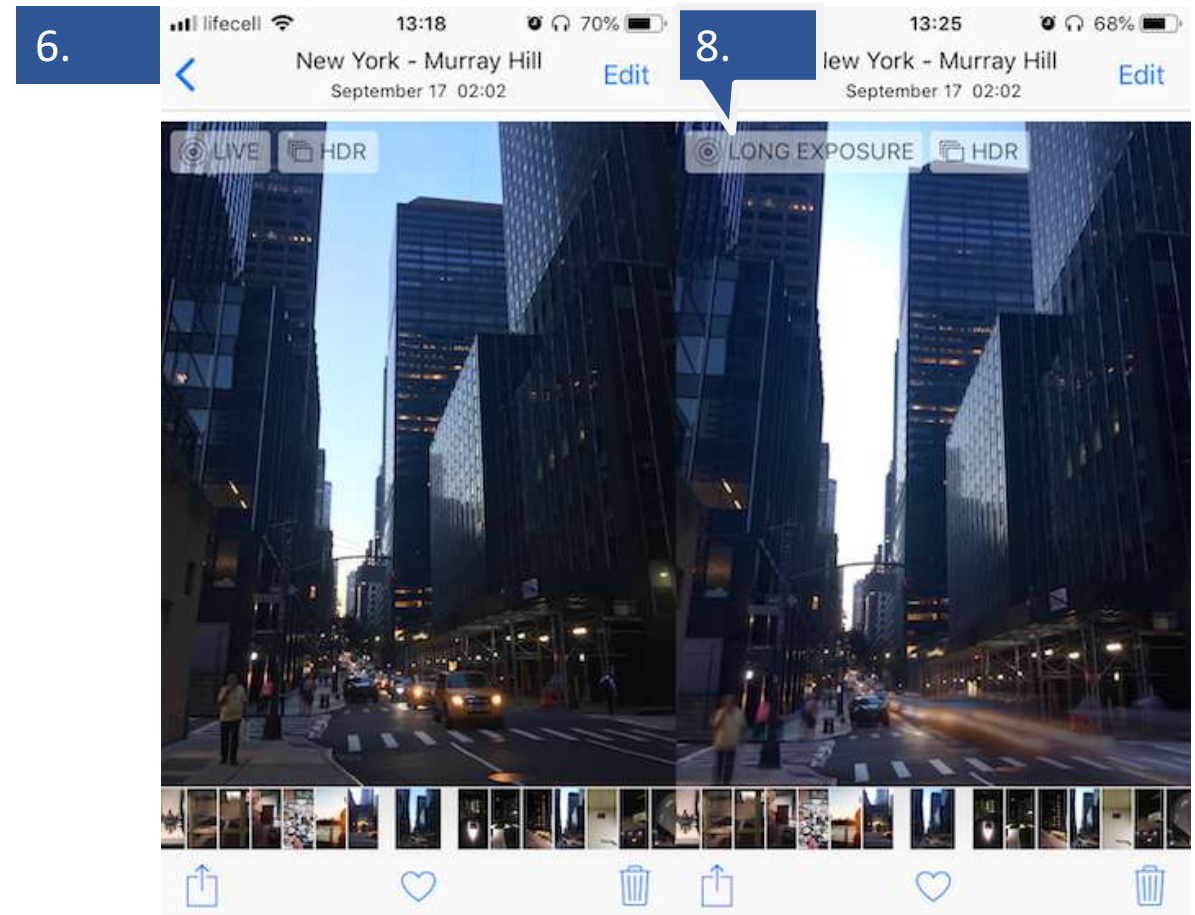
Converting iPhone live photos to long exposure photos

How To Convert Your iPhone Live Photos Into Long Exposure Photos
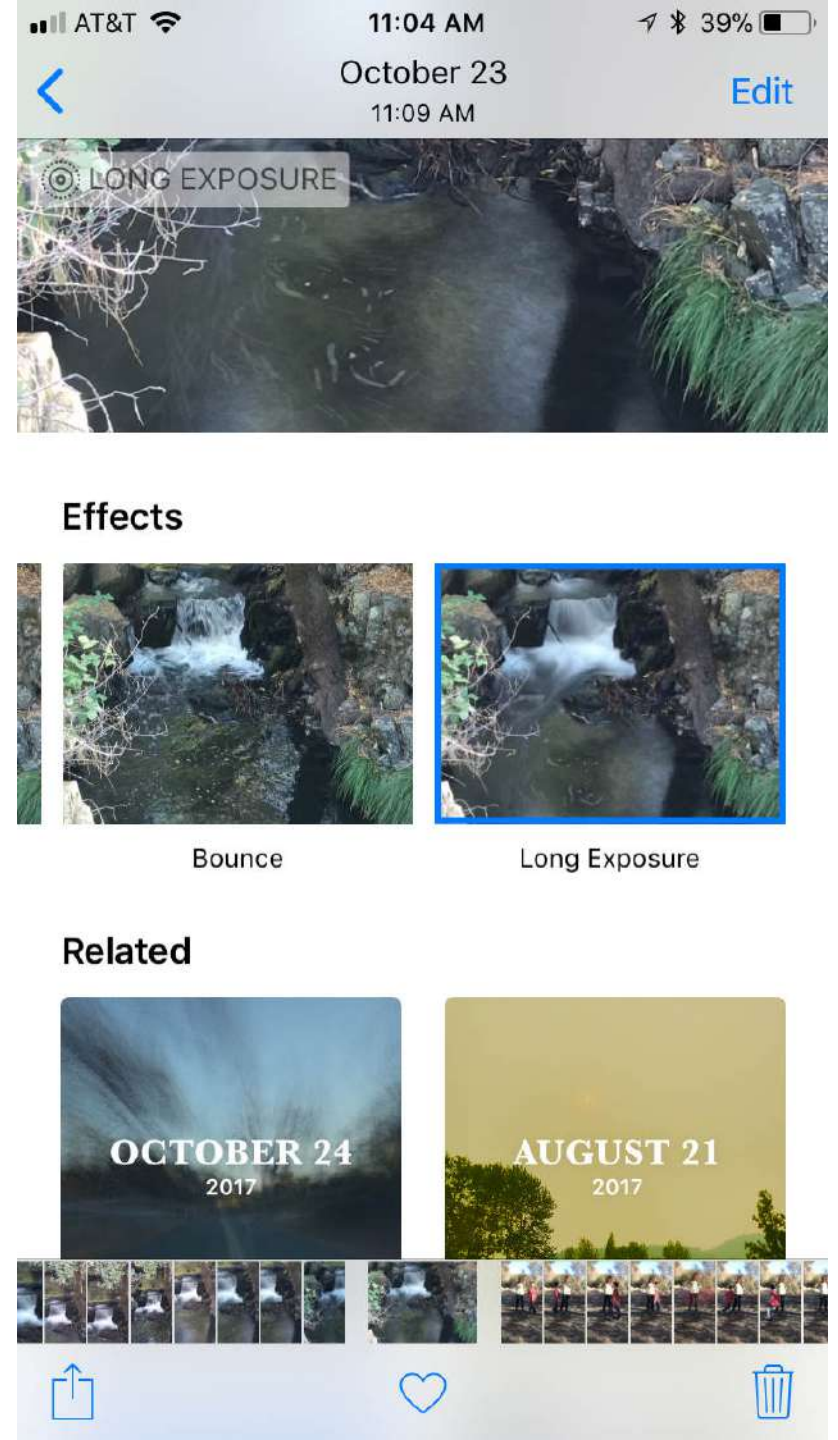
From: iPhone Photography School

This is the same process, but a different article and a video are linked below.

Video of Process: https://youtu.be/ywTRUsY0_L0

Found Here: https://iphonephotographyschool.com/live-photos-long-exposure/

Using the iPhone Slow shutter cam app ($1.99)

1. This app is by far the best way to take long exposure photos on an iPhone, its also two dollars, which is nothing if you skip buying soda for a day

2. Make sure you're using a tripod, and if you can use the volume keys on the headphones as a shutter release to reduce camera shake

3. The settings are relatively simple: under the exposure icon next to the shutter button. Once you tap there, the following dialog will appear.

4. I generally use medium or high blur strength and a capture duration between 4 and 30 seconds. Experiment with different combinations of these settings until you find the ones that work best for each particular photo.

5. For light trails you need to select Light Trail mode in the exposure settings, then experiment with the Light Sensitivity and Capture Duration Settings

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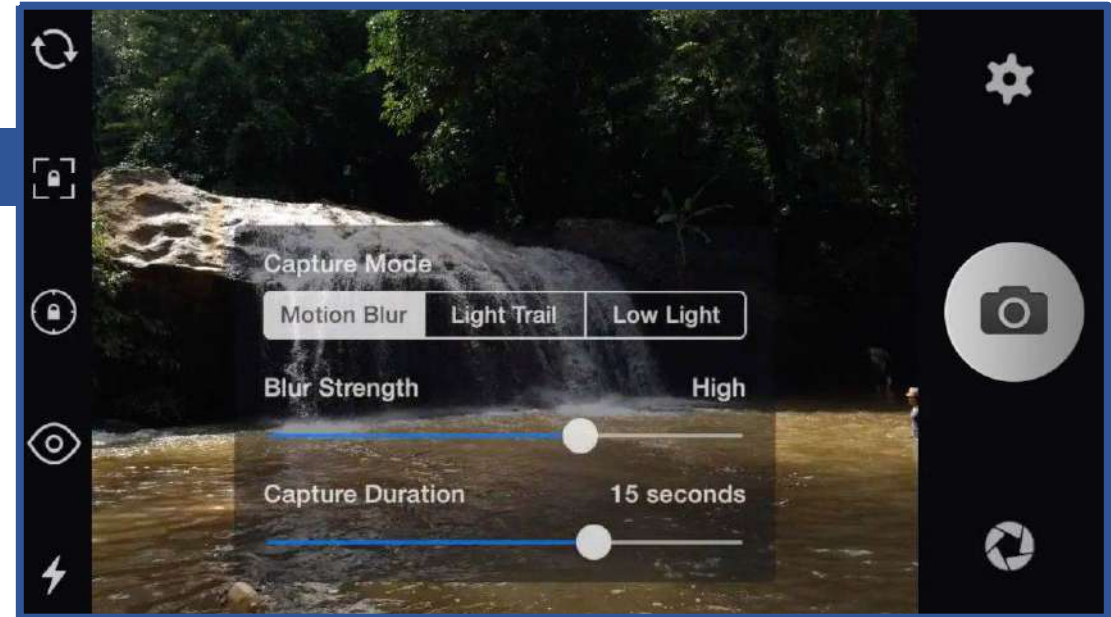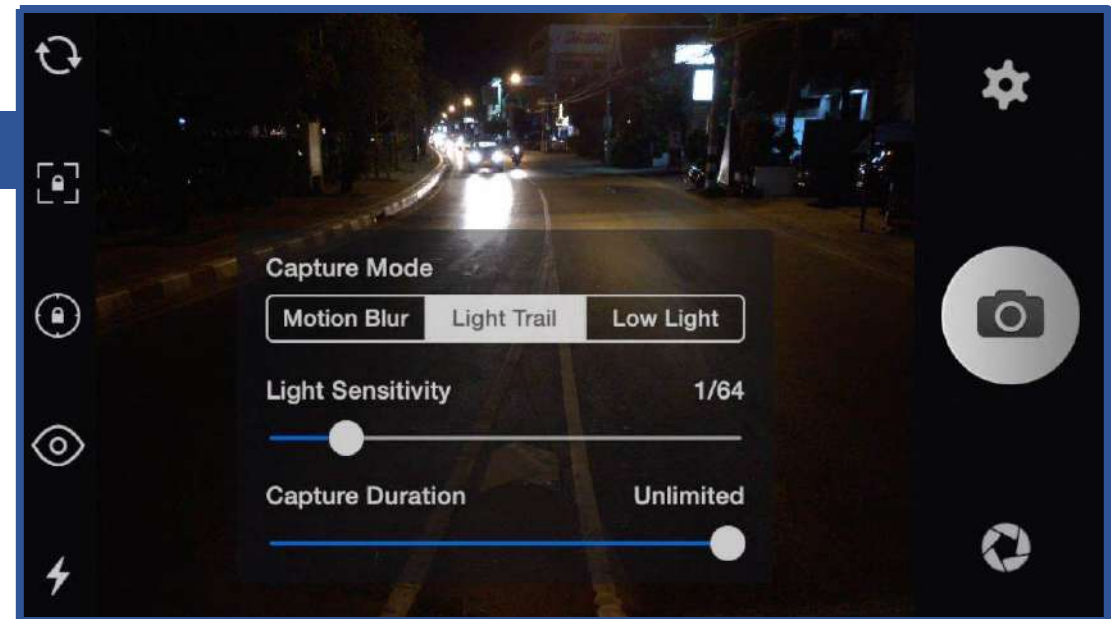
Using the default Samsung phone app to take long exposures, and a few app recommendations

1. Most android phones come with robust default camera apps that have "pro" camera features, like long exposure settings

2. Tap on your default phone app, tap or drag to change it to the "Pro" mode

3. Tap on the shutter speed setting and tap and drag to change it to 3-5 seconds

4. To activate the self-timer on a Samsung app, tap the three dots ... option menu and tap on the self timer icon to set the timer

5. Make sure you use a tripod, tap to take the photo and experiment with your settings

App that works for most android phones:

Long Exposure Camera 2 –its not great but it does the job

Apps for testing capabilities of Android phone:

Camera2 API Probe Download and run this to see specs

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What to do if your phone can't do Long Exposure?

So, to check your phones capabilities you can use this app Camera2 API Probe it'll show you the phones exposure capabilities. If the lowest exposure you can do is 1/6 of a second, try using that and seeing what kind of motion blur you get. If you're unsatisfied with the results, there's a couple of options for you to try:

1. One classroom I've seen used a lamp and some plastic sheeting for a ghostly effect, try this (plastic sheet would be $1 at the dollar store)

2. You can also use bedsheets and do literal ghost portraits, try turning your shutter speed way up to make the photo extremely dark. Have fun making spooky shots out of everyday scenes.

3. Also, another fun trick is nighttime flash photography. Find a bush, rickety fence, or otherwise abandoned place and turn on your camera flash, and turn your ISO really high. Take a photo of someone standing just far enough away that your flash illuminates them, but they still remain visible. Have fun making grainy scary shots!

Student Examples

This project is so common there's ample examples of teenagers making this kind of work. Learn from your peers, be creative.

Student examples from 's class
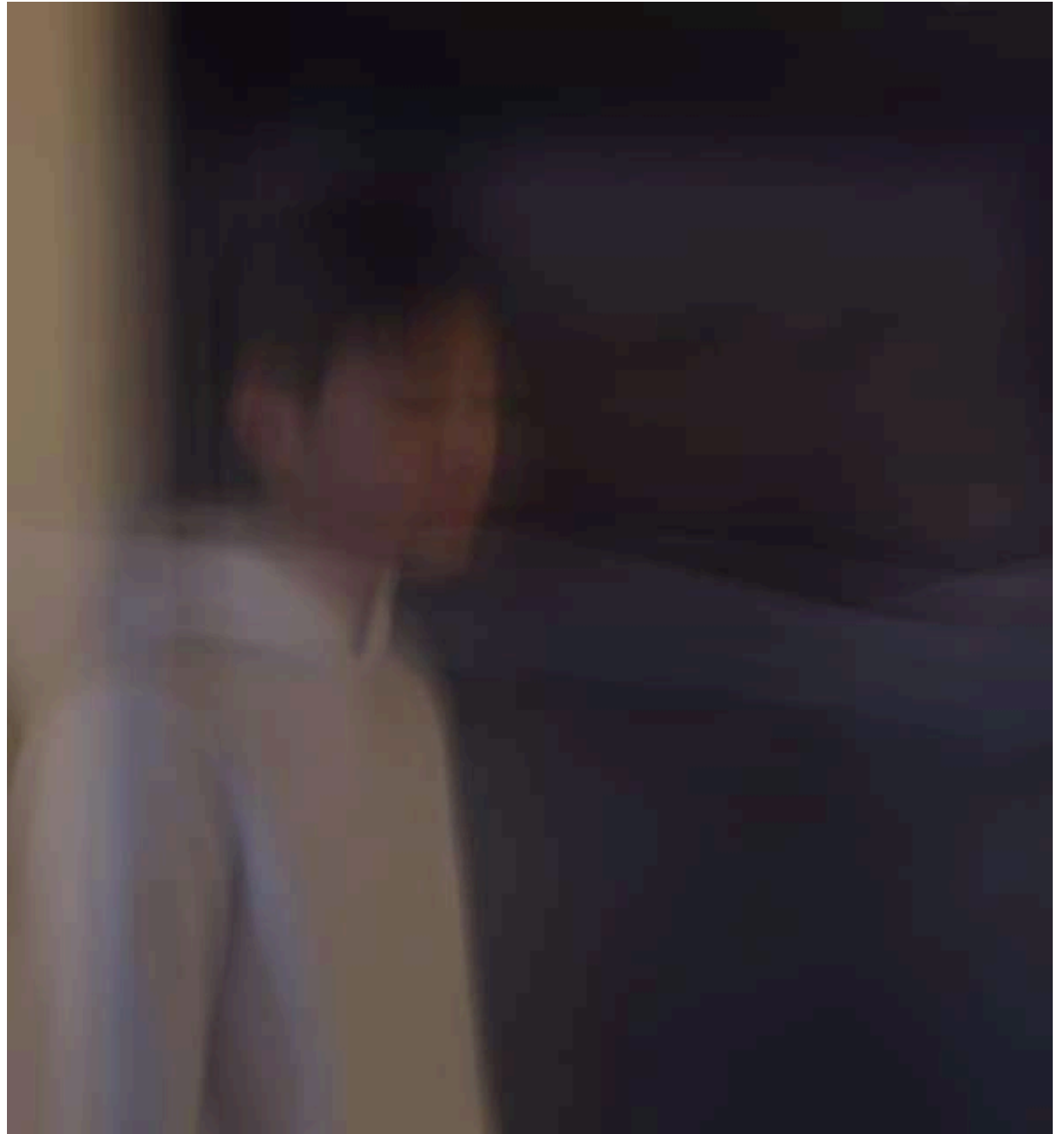
Student examples from **Jessi Lynn**'s class
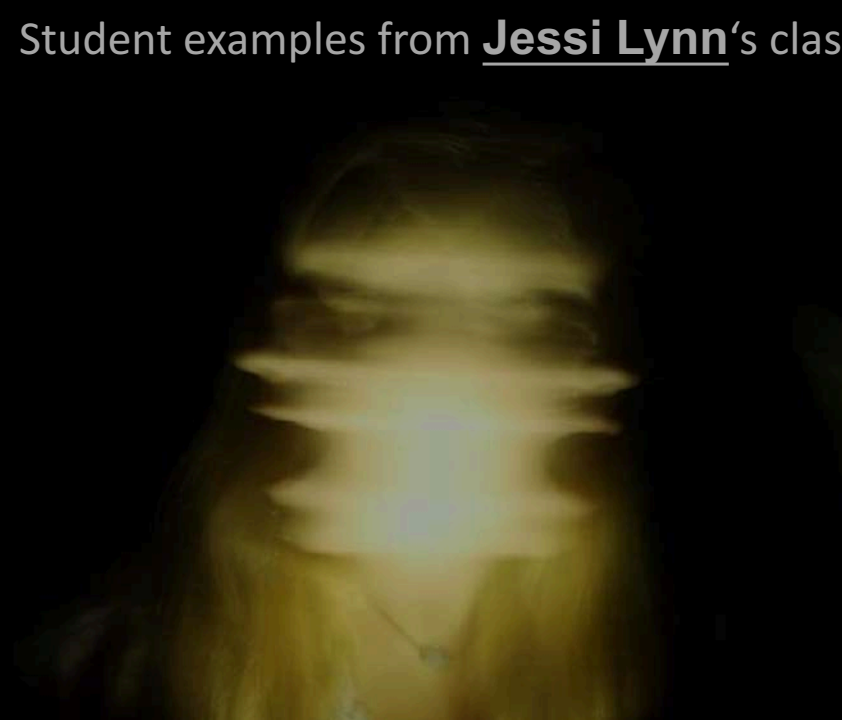
Student examples from Heather Palecek's class

Student examples from **Jayme Mae**'s class
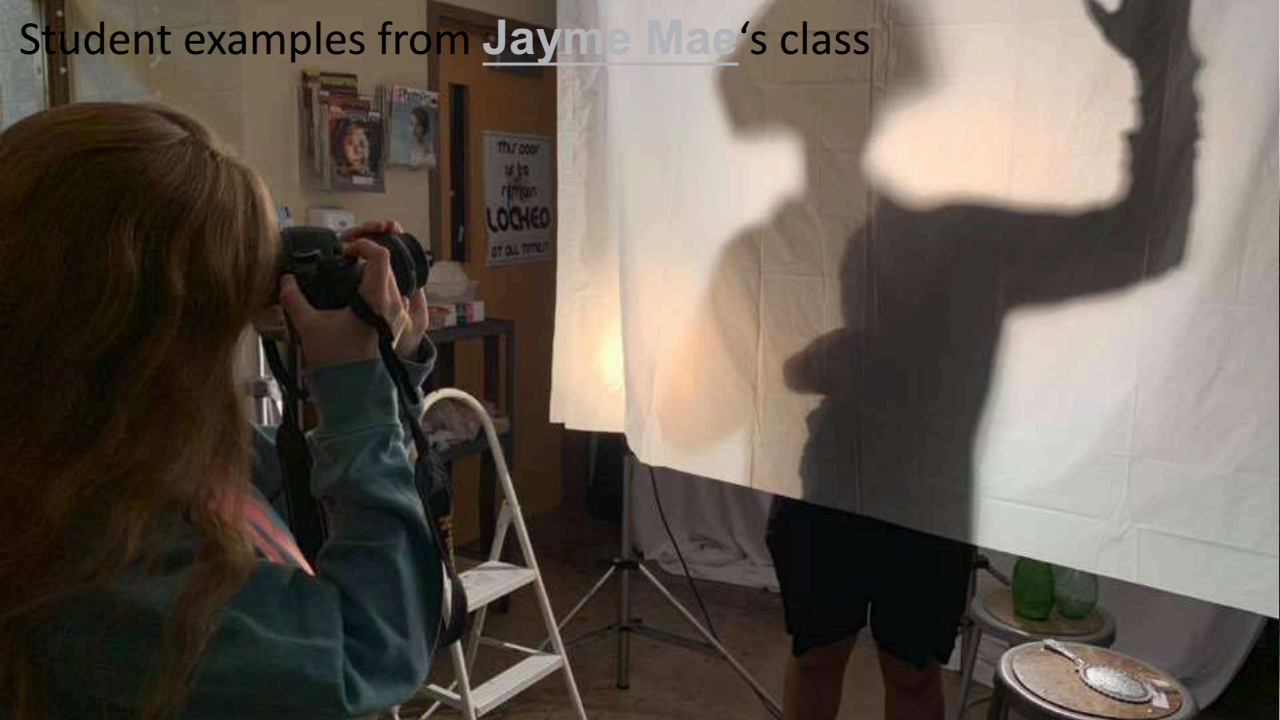
Student examples from Jayme Mae's class

Student examples from **Michelle Monene Haden**'s class

Student examples from 's class

Student examples from Charles Thomas's class. This is done in Photoshop, however. (Also, please don't bake captions into photos.)

Ghostly Meeting At
The Door
By: Lizbeth Cortez

Kung Fu Panda
By: Olivia Buckley

Artist Examples

These artists use a long exposure for completely different aims than simply creating a "ghost" but they're worth looking at for the creative breadth of how long exposure is utilized.

Bill Anderson

Carmen Argote
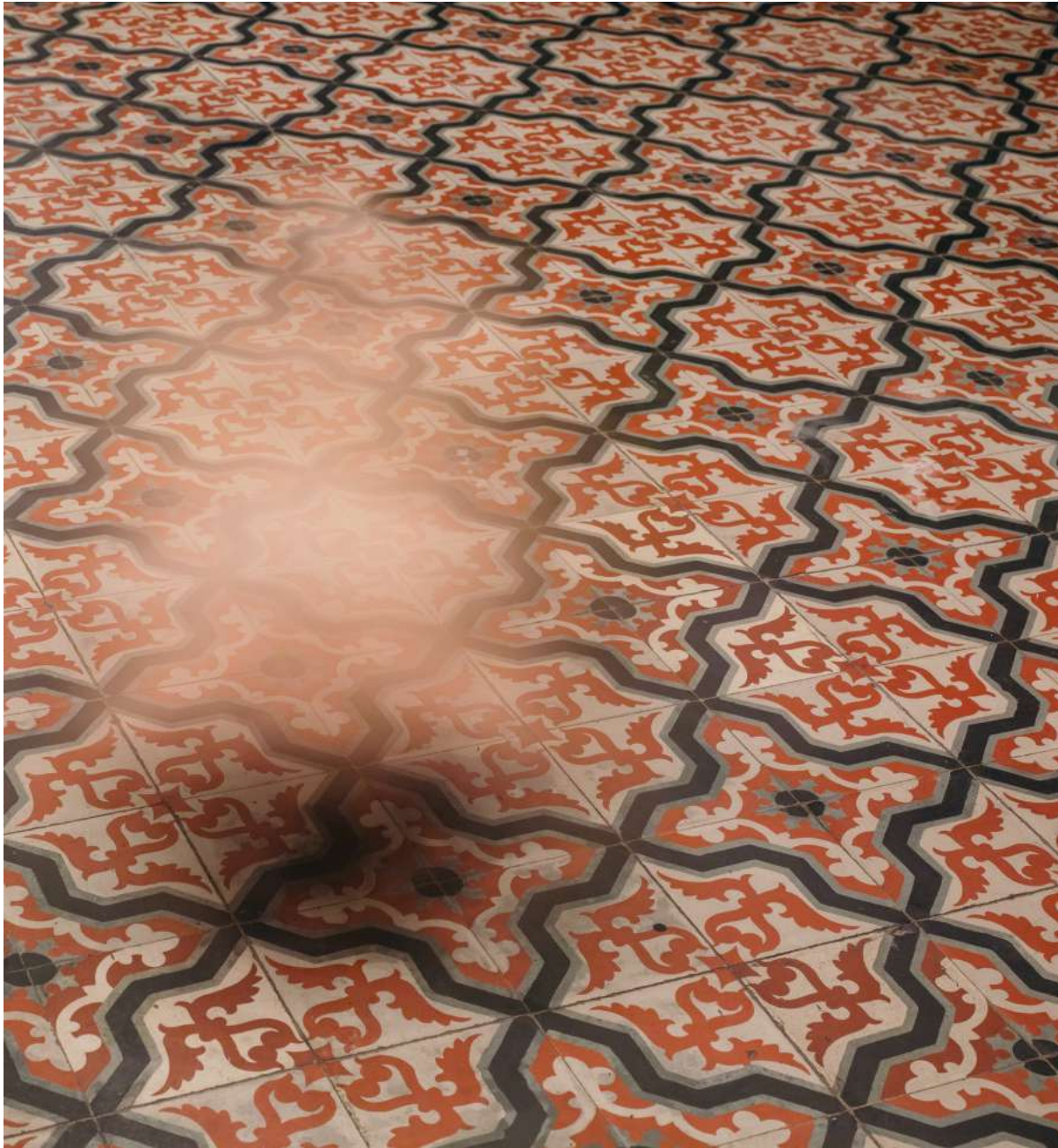
Todd Hido

Resources

- https://www.digital-photo-secrets.com/tip/3915/photograph-ghost/#:~:text=Have%20your%20model%20stand%20or,should%20be%20another%20five%20seconds).
- https://www.lightstalking.com/ghost-photography/
- https://www.liveabout.com/photos-that-arent-paranormal-4123060
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- https://youtu.be/D-vbZ60eg0o
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- https://apple.stackexchange.com/questions/292666/how-can-i-use-my-iphone-7-to-take-photos-remotely#:~:text=You%20can%20indeed%20use%20Bluetooth,the%20device%20has%20volume%20controls.

OneTab import

https://www.google.com/search?q=long+exposure+photography+on+cell+phone&rlz=1C1GCEU_enUS902US902&oq=long+exposure+photography+on+cell+phone&aqs=chrome..69i57j0l3j69i64.7103j0j7&sourceid=chrome&ie=UTF-8 | long exposure photography on cell phone - Google Search

https://www.scoopshot.com/marketing/take-long-exposure-shots-phone/#:~:text=You'll%20need%20a%20tripod,wobble%20can%20ruin%20your%20shot. | Scoopshot – The official Scoopshot site - How To Take Long Exposure Shots With Your Phone - Scoopshot - The official Scoopshot site

https://www.google.com/search?q=best+long+exposure+app+iphone&rlz=1C1GCEU_enUS902US902&oq=best+long+exposure+app+iphone&aqs=chrome..69i57j0l7.5590j0j4&sourceid=chrome&ie=UTF-8 | best long exposure app iphone - Google Search

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https://apps.apple.com/us/app/slow-shutter-cam/id357404131 | Slow Shutter Cam on the App Store

https://www.techradar.com/news/exclusive-how-to-master-long-exposure-photos-with-apples-favorite-iphone-app-of-2019 | Exclusive: How to master long exposure photos with Apple's favorite iPhone app of 2019 | TechRadar

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https://iphonephotographyschool.com/tag/long-exposure/ | Long Exposure | iPhone Photography School

https://iphonephotographyschool.com/long-exposure-photos/ | How To Shoot Long Exposure Photos On iPhone [Video Tutorial]

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https://iphonephotographyschool.com/live-photos-long-exposure/ | How To Convert Your iPhone Live Photos Into Long Exposure Photos

https://macpaw.com/how-to/long-exposure-iphone | How to create long exposure photos on iPhone

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https://play.google.com/store/apps/details?id=net.sourceforge.opencamera | Open Camera - Apps on Google Play

https://www.google.com/search?q=using+bluetooth+headphone+sto+take+photos+on+iphone&rlz=1C1GCEU_enUS902US902&oq=using+bluetooth+headphone+sto+take+photos+on+iphone&aqs=chrome..69i57j33.9487j0j7&sourceid=chrome&ie=UTF-8 | using bluetooth headphone sto take photos on iphone - Google Search

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