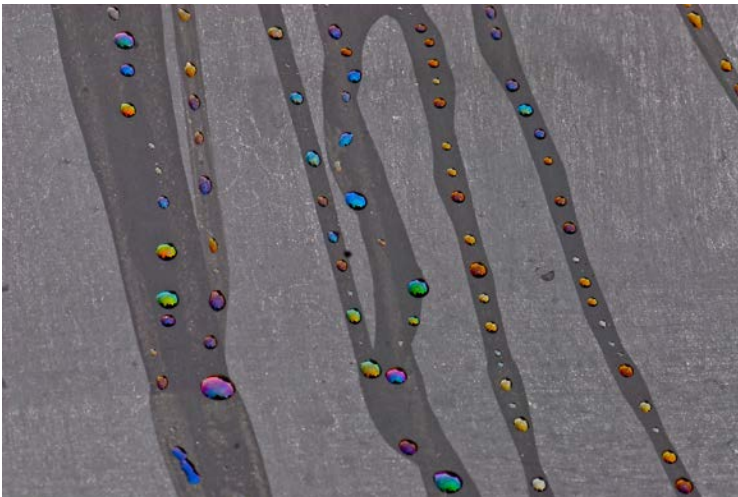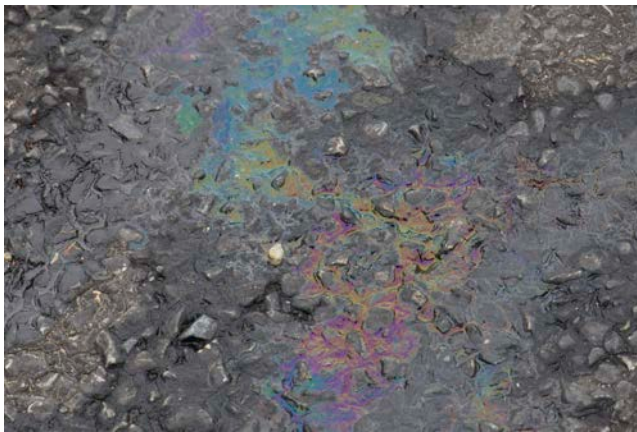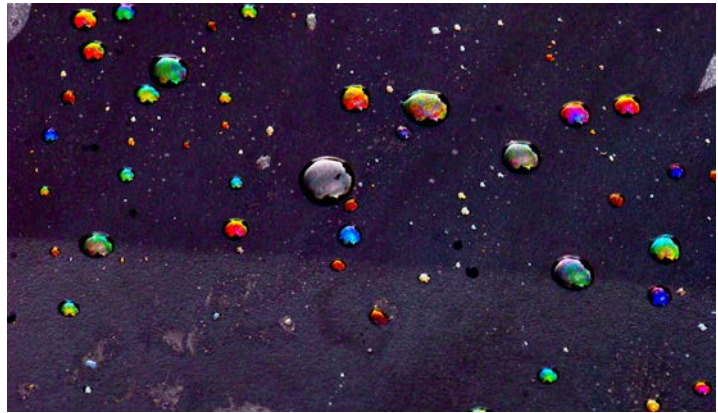# Third Team Image Report

Lindsey Yarnell

      I took this image for the third team image and the final image of the class. Initially I wasn't sure what I wanted to take a picture of, but I really like images with bright colors. I remembered the effect that motor oils gets when it is on wet pavement and wanted to try to get a picture of that. I was able to find some oil on the street and get a picture of the effect I was looking for.

      The nice thing about this image was that there was no set-up involved. I was able to find motor oil on the pavement and was able to get the picture I was looking for. To be able to get a picture like this you need to get a thin layer of motor oil on wet pavement. This creates a thin layer of molecules on the surface of the liquid. Initially I wasn't sure if I really liked the

picture I took so I played around with other motor oil and water set-ups. One thing I tried was making a water oil mixture and pouring it over an inclined surface. A couple of pictures that I got from this set up are shown above and to the right. I really like the beading effect that I got in these pictures but the colors didn't come out as much as I would have liked them to. Another set up I tried was to fill a large bucket (actually a Halloween cauldron prop) with water and pour motor oil on top. This set up had potential but I was having issues getting the thin layer of oil on the surface that gives the colors. Right about when I was running out of light to take the picture I discovered that if you blow on the surface of the water you could really see the rainbow effect. A picture that was taken using this set up is shown at the bottom of the page.
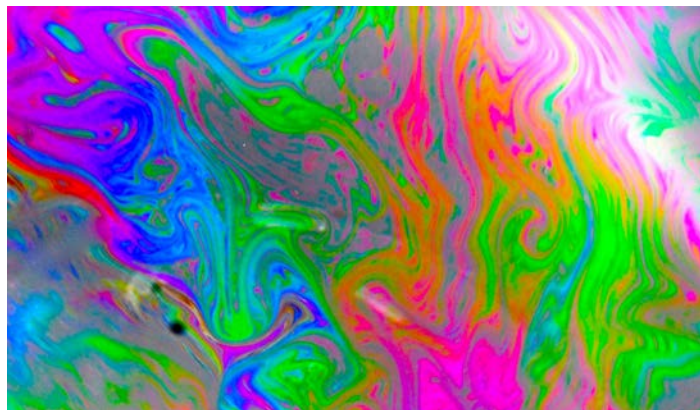

I took this image with a Nikon D200 camera and a Nikkor 105mm micro lens. The f-stop was set at f/16 and the shutter speed was 1/20 of a second. The ISO sensitivity was set to 200 because it was a partially cloudy day. I would say that the scale of the image is about 5 inches wide by 7 inches tall and the pixel size of the image is 3872 x 2592. The original, unedited image is shown above. Clearly I edited this picture a fair amount. The main things I changed were the saturation levels of the image as well as cropping it.

I am happy with this image. My favorite thing about this image is the bright colors (even if they were edited). One thing that I don't like about this image is that it seems really "flat". I'm not really sure if that makes sense, but I feel like it doesn't have any dimension to it. I saw some images online of rainbow oil puddles that had really cool structures to them. I think it would be cool to maybe place the oil in a design of your choosing (in an environmentally

safe way). I also put in a picture below of oil floating on water in a large bucket. I was having trouble really getting the colors to come out but I think if I could figure out what the key is to getting the rainbow colors then that could be a cool idea for other pictures.