

Educational Offering

Margaret Sprott

George Lea, a member of the NIH Camera Club has volunteered to present a series of educational programs to the club. George is an excellent photographer with a very deep knowledge of photography.

There will be four sessions presented in the Art Room of the Five Star Residence from 10AM to 11:30AM on Saturday mornings from October, 2019 to February 2020. They are scheduled on the Saturday before the regular camera club meetings so that George will be able to obtain feedback from the attendees at the club meetings.

One goal of the photographer is to share, exhibit, and showcase a collection of images. The viewed images reflect the perception of the photographer and convey a message to the viewer. The camera and lens combination is a first step toward our goal, a means to the end, a set of imperfect tools with compromises. The choice of camera and lens should match our final viewing preference: print, including size (11"x14"), phone, tablet, etc. The question is not what is the best; rather, what is good enough - a personal choice.

In order to help with your choice, some background on "why" rather than "how" needs to be clarified. The "how" changes with every software update and camera model but the "why" remains invariant. Here the focus will be on the "why" and leave you to consult the manual for "how".

Here is a description of the series of classes

October 5, 2019: Description of how we look at a picture as a basis for the design of a camera; the limits of human eye acuity and information conveyed by an image.

November 9, 2019: Details describing the formation of an image by a system of lenses on the focal plane of a camera.

January 11, 2020: Review of the functions of the light-sensing element, that which defines a digital camera, and how it responds to the image projected by the lens system.

February 8, 2020: Review of the digital photographic process so as to obtain maximum image quality from a digital camera.

I hope many of you will be able to attend this series and learn more about photography. I am very grateful to George for volunteering to present this interesting series of programs.

If you have any questions about the programs, feel free to talk to me or George.

