Spring 2021: Optical Sciences and Engineering Advanced Lecture Series (PHYC500)
Instructor: G. Balakrishnan (gunny@unm.edu)

Office: CHTM, Associate Director's Office

Class Attendance: Thursday 11:00 AM – 12:00 PM; Due to scheduling constraints, we will typically begin the lectures at 11:05 AM. About 50% of the talks will be on Zoom. About 40% or so will be held at the Department of Physics and Astronomy (Room 190), and the remainder will be held in the Chemistry department. Due to COVID-19, the classes will be held online via Zoom. There will also be "special" lectures which will be held outside of the regularly scheduled class. Students are strongly encouraged to attend the "special" lectures, but attendance is not mandatory. The schedule is available on the OSE seminar website. Doris will post all official information before each lecture via the OSE website.

Overview: This lecture course will feature a series of talks focused on the latest research in the field of Optical Science and Engineering. The speakers will include worldwide experts in the field of optics from academia, industry and the national labs, as well as UNM faculty. Anticipated learning outcomes include:
1. Students will be exposed to a wide range of topics in photonics.
2. Students will have a formal venue to network with leading scientists in the field.
3. Students will learn (by example) how to deliver a coherent oral presentation.

Requisites: All new incoming OSE students are required to sign up for the course. All continuing OSE students from all tracks are highly encouraged to take the course. Students from other disciplines are welcomed!

Textbook: None.

Final exam: None.

Grading: Registered students will receive a grade of CR in this 1.0 credit hours class when they have successfully attended 80% or more of the scheduled lectures. Attendance will be monitored each class via a sign-in sheet by Zoom. To ensure that you get the most out of the class, successful attendance is defined as arriving by 11:05 AM and staying for the full lecture.