

SCIENCE SEMINAR

Thursday, May 2 - Carson Taylor Hall 322

Dr. Tolga Karsili

*Assistant Professor of Chemistry
University of Louisiana at Lafayette*

presenting

Understanding the Photochemistry of Biologically Relevant Chromophores: The Road Towards Efficient Energy Conversion and Cancer Therapy and Prevention

Light-driven processes are important in a myriad of (bio)chemical processes. This seminar will focus on the way in which organic and biological molecules cope with near-UV light irradiation, and their intrinsic mechanisms that lead to their photostability and integrity. I will show how a deep understanding of the (photo)reaction mechanisms of these simple systems can be extrapolated for the development of more effective molecular systems in biomaterials, interfacial photocatalysts and in cancer therapy and prevention.

Come at 3:30pm for refreshments, speaker at 4:00pm