



Seminar

Plant Pathology & Microbiology

PLP**PM**
TEXAS A&M UNIVERSITY

Wednesday
February 17, 2016

Peterson 113
4:00 PM—5:00 PM



Dr. Katayoon (Katie) Dehesh
Professor, Plant Biology | *UC Davis*

**Deciphering the link between a
plastidial retrograde signal and
transcriptional and post
transcriptional reprogramming**

Teaching Interests: Plant biology, Plant physiology. Biotechnology. Plant molecular biology and signal transduction.

Research Interests: Structural, molecular and biochemical analysis of fatty acid biosynthetic enzymes; Regulatory mechanism(s) controlling membrane lipid composition; molecular genetics of lipid signaling.

Research focuses on two distinct areas: biofuels and unraveling the mechanisms of plant defense responses. Our biofuels projects include the manipulation of starch to oil conversion in oat endosperm and the engineering of altered fatty acid profiles in the seeds of promising energy crops. The plant defense projects relate to early stress detection events and the hydroperoxide lyase mediated signaling network.

Hosted by Dr. Libo Shan



Coffee & Cookies

3:45 - 4:00 Room 121