



Seminar

Plant Pathology & Microbiology

PLP**PM**
TEXAS A&M UNIVERSITY

Wednesday

November 4, 2015

Peterson 113

4:00 PM—5:00 PM

Dr. Z. Jeffrey Chen

D.J. Sibley Centennial Professor of Plant Molecular Genetics
Molecular Cell and Developmental Biology
University of Texas at Austin

Timing the growth and defense: a strategy to promote heterosis in plant hybrids and polyploids

The Chen lab studies genetic and epigenetic mechanisms for gene expression changes in polyploids. Polyploidy, or whole-genome duplication (WGD), is an evolutionary innovation for all eukaryotes including some animals and many plants. [...] Elucidating mechanisms for polyploidy may ultimately reveal new approaches to reactivate or silence endogenous genes and lead the way to improve future applications of biotechnology in agriculture and medicine.

Hosted by Dr. Libo Shan



Coffee & Cookies

3:45 - 4:00 Room 121