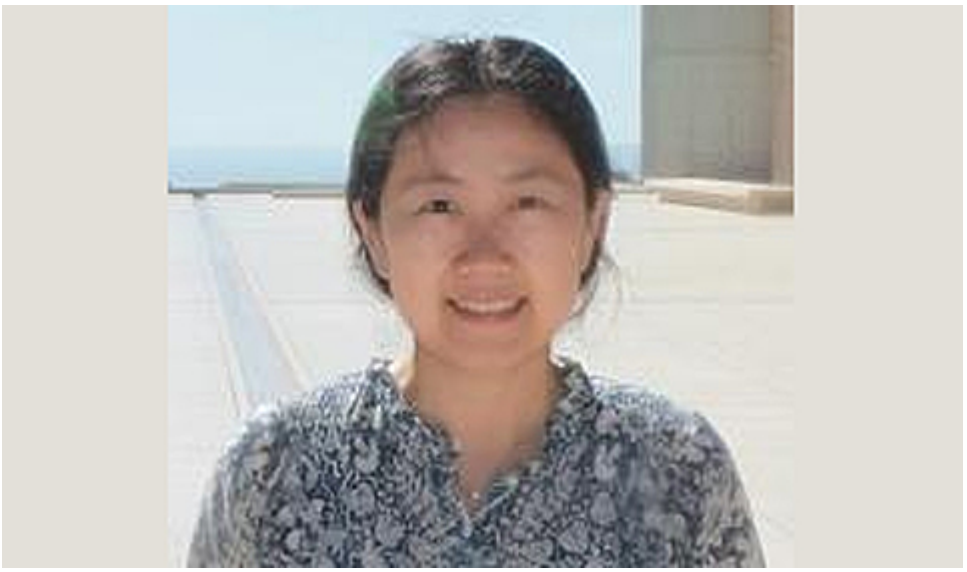
3-1-2021

Plant Biology Colloquium | How Do Plants Make Time Machines? March 5

Ohio University College of Arts & Sciences

Plant Biology Colloquium | How Do Plants Make Time Machines? March 5

March 1, 2021
Categories: Events
Tags: environmental and plant biology colloquium, environmental and plant biology events, Liang Song



Dr. Liang Song

The Environmental & Plant Biology Colloquium Series presents **Dr. Liang Song** discussing "How do plants make time machines? Story of a novel transcription factor during seed maturation" on Friday, March 5, at 11:50 a.m. via Teams.

Join Zoom Meeting
https://us02web.zoom.us/j/88194060980?pwd=bHcvQ2lERzdzeDhzT0MwaUc0MU1EUT09

Meeting ID: 881 9406 0980
Passcode: 6wEAA7

Song is Assistant Professor in the Department of Botany at the University of British Columbia in Canada.

The host is Dr. Zhihua Hua.

Abstract: Seeds are the time machines made by plants for their offspring to travel through space and time, and germinate in a favored environment. Seeds development involves embryogenesis, storage reserve accumulation, desiccation tolerance, and induction of dormancy. These processes are coordinated by many transcription factors under complex spatial and temporal regulation. Using genetic and genomic approaches, we showed how transcription factor networks shape the transition from seeds to seedlings.