

Dispersal Notes



April 2017 News Flyer

Department of Plant Pathology and Microbiology
Iowa State University

Calendar

May 4th – Graduate College commencement

May 15th – Coursework begins for summer term

August 4th – Summer term ends

August 5th-9th – American Phytopathological Society [Annual Meeting](#) in San Antonio, Texas

August 13th-19th – Society of Nematologists [Annual Meeting](#) in Colonial Williamsburg, Virginia.

Recent Publications

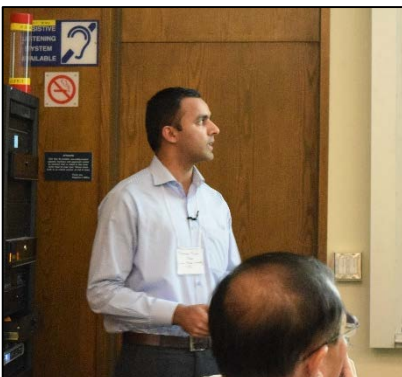
Feng, Y., Krueger, E.N., Liu, S., Dorman, K., Bonning, B.C., and Miller, A.W. 2017. [Discovery of known and novel viral genomes in soybean aphid by deep sequencing](#). *Phytobiomes*
<http://dx.doi.org/10.1094/PBIOMES-11-16-0013-R>.

Mueller, D., Sisson, A., Abendroth, L., Hodgson, E., Iles, L., Kleinke, B., McGrath, C., Pope, R., Robertson, A., and Schaefer, K. 2017. Field Crop Scouting. Iowa State University Extension and Outreach. Interactive Web Book.

PLPM Update

Raza presents research and receives award

Muhammad Mohsin Raza (below), a PhD student in the PLPM department, presented research at the 63rd Annual Conference on Soilborne Plant Pathogens and the 49th California Nematology Workshop in March. Raza's presentation was titled "Soybean sudden death syndrome: Variation in disease intensity, canopy reflectance and yield at different spatial scales". Raza also won the **Bayer/Isagro Scholarship Award** at the conference.



PLPM Update (cont.)

Iowa State students explore Costa Rican agriculture

Seventeen ISU students toured a diversity of agriculture – coffee, bananas, pineapple, oil palm, melons, bromeliads – as well as field research sites in Costa Rica from March 8-17, 2017, as part of the PLP 511 course, Integrated Management of Tropical Crops. They were hosted by faculty and students from University of Costa Rica who had toured Iowa agriculture in July 2016. The March trip was the 10th by 511 class groups since 1999; 9 UCR student groups have toured Iowa agriculture since then. PLPM co-instructor for the 511 course is Mark Gleason



Iowa State University students on their Costa Rica tour in March.



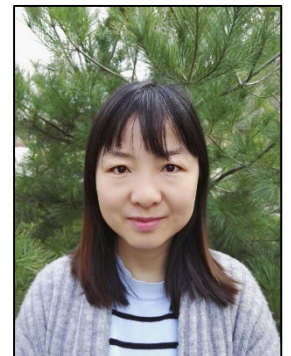
University of Costa Rica (UCR) student who hosted the group during the visit. The UCR students had toured Iowa agriculture in July 2016.

Visiting scientists from China join Gleason Lab

This winter, two visiting scientists from China joined the Gleason Lab for one-year stays. Dr. Fengyan Zhai, an Associate Professor at Henan Institute of Science and Technology in Xinxiang, Henan Province, is a mycologist who will be gaining expertise in use of molecular genetics methods for fungal identification. Hanli Yang, a specialist working at the Agro-Tech Extension Center of Bayingolia in Korla, Xinjiang Province, will be working with use of molecular approaches to pathogen diagnosis and gaining experience in how the Extension system works in Iowa. Both Dr. Zhai and Ms. Yang will also be collaborating in ongoing research in the Gleason Lab.



Dr. Fengyan Zhai



Hanli Yang