



Dispersal Notes

August 2015 News Flyer



Department of Plant Pathology and Microbiology Iowa State University

Announcements

Thanks to the generosity of the Zirakparvar family, we are happy to announce the start of our department's monthly one-page news flyer. News flyers will come out once a month, and a longer newsletter will be come out once a semester. We want your feedback and help! Please send any questions, comments, or content to the editor, Augustine Beeman (aqbeeman@iastate.edu). Many thanks to Forrest Nutter for the winning name submission!

Calendar

August 1st-5th: American Phytopathological Society meeting in Pasadena, CA.
August 24th: First day of fall semester.
August 28th: Departmental retreat at Story County Conservation Center from 4-8:30 PM. Alumni Dr. Axel Elling will be the featured speaker.

Awards and Honors

Steve Whitham received the 2015 ISU Exemplary Faculty Mentor award on May 6th. Steve was nominated for the award by **Daren Mueller**, who is currently serving as faculty mentor.

Jared Jensen and **Xavier Phillips** were both awarded graduate student travel grants to attend this year's meeting of the APS North Central Division in Lansing, Michigan, from June 10-12th.

Thomas Baum was named a fellow of the Society of Nematologists. He received this award at this year's Society of Nematologists meeting in Lansing, Michigan, held from July 19-24th.

Greg Tylka was named a fellow of the American Phytopathological Society. He will receive the award at this year's APS meeting in Pasadena, CA.

Thomas Baum was awarded the Noel T. Keen Award for Research Excellence in Molecular Plant Pathology from the American Phytopathological Society. He will receive the award at this year's APS meeting in Pasadena, CA.

Jared Jensen and **Augustine Beeman** were awarded Zirakparvar Graduate Student Fellowships. Their fellowship duties will be to serve as webmaster and newsletter editor, respectively.

Sally Mallowa was named as the new Early Career Intern to the APS Public Policy Board where she will gain experience in public policy at the national level.

New People (say hello!)

Nancy Gonzalez-Martinez started as a postdoc in Gary Munkvold's lab on June 1st.

Changtian Chen started as a graduate student in Wei Wang's lab in June.

Daniel Sjarpe started as a graduate student in Daren Mueller's lab in June.

Keisuke Komodo started as a postdoc in Allen Miller's lab on May 11th.

Hayley Nelson started as a Research Associate II in Mark Gleason's lab on May 1st.

Yuba Kandel started as an Assistant Scientist II in Daren Mueller's lab, where he had been a postdoc since 2013.

Recent Publications

A.V. Gougherty and F.W. Nutter. May 2015. Impact of eradication programs on the temporal and spatial dynamics of Plum pox virus on Prunus spp. in Pennsylvania and Ontario, Canada. Plant Disease 99: 593-603.

A.E. Robertson, L. Jesse, G. Munkvold, E. Salaa Rojas, D.S. Mueller. May 2015. Physoderma brown spot and stalk rot of corn caused by *Physoderma maydis* in Iowa. Plant Health Progress doi: 10.1094/PHP-BR-15-0003.

Stories

Department mourns passing of

Lisa Shepherd

(from the ISU Seed Science Center)

Iowa State University lost one of its most avid Cyclone fans, Seed Science Center advocates, and internationally respected experts in seed pathology ... Lisa Shepherd, 43, Director of the administrative unit of the National Seed Health System and Seed Health Testing Coordinator for the University's Seed Science Center, passed away July 1 at Mary Greeley Medical Center in Ames following a brief battle with amyloidosis and multiple myeloma. A memorial service was held on July 10th in the Memorial Union.



The full obituary will be posted to the departmental webpage.

Sally Mallowa and collaborators develop teaching and extension program in Africa

Dr. Sally Mallowa, who recently completed her PhD in the department studying with Dr. Alison Robertson, was recently involved in an effort to develop a teaching tool and extension workshop in Kenya and Uganda this summer. The team came from five different institutions, and was funded by a Global Experience Award from the APS Office of International Programs. The teaching component focused on developing a case study resource for learning about cassava brown streak virus disease (CBSD). Developed for undergraduate students, the case study was tested at four universities in East Africa: Makerere University (Uganda), Chuka University (Kenya), Kenyatta University (Kenya) and University of Nairobi (Kenya). The case is set in an African village where growers, extension workers and researchers work together to deal with an outbreak of CBSD. The extension component of the project hosted a CBSD workshop for fifteen extension workers in western Kenya. Please refer to the website for a full description of her work.



Sally and students from Nairobi University in Kenya.

Alumni accepts Dean's position

Dr. Walber Luiz Gavassoni, a departmental alumni who received his PhD at ISU in 1999, accepted a position as Dean of Students at the Universidade Federal da Grande Dourados in Brazil. During his PhD work, Dr. Gavassoni studied the relationship of tillage and spatial patterns on distributions of soybean cyst nematode and soybean yield, and was advised by Greg Tylka and Gary Munkvold. Currently, Dr. Gavassoni is an Associate Professor at the same university, where he is involved in teaching and advising undergraduate and graduate students, as well as overseeing a disease clinic that focuses on corn and soybean. An interview with Dr. Gavassoni will be included in the fall semester newsletter and website.



Dr. Gavassoni (center) with graduate students Jared Jensen and Reman Kobayashi in Brazil.

Snapshots



Professor Steve Whitham receiving the ISU Exemplary Faculty award from Dean Jonathan Wickert on May 6th.



Master's student Xavier Phillips discussing his research at the APS North Central Division meeting in Lansing, Michigan, held from June 10-12th.



Jared Jensen, president of the Plant Pathology Graduate Student Organization, making pancakes for a departmental breakfast held on May 15th.



Research Associate Hayley Nelson speaks to NCR-SARE representatives about perimeter trap cropping of cucurbit crops during a field day at the ISU Horticulture Farm near Gilbert on June 29th.

Diagnose it!

Prepared by: Ed Zaworski

The following disease plant was an actual submission to the disease clinic. Images and relevant disease descriptions are included to help readers diagnose the disease.

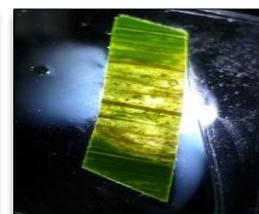
Host Description: Corn, collected in early July.

Symptoms: Water soaked lesions that run parallel to the leaf veins. Dark freckles are present within the lesions.

Hint: Notice the milky white substance coming from the lesion after it has been cut.

Please send diagnoses to aqbeeman@iastate.edu with the subject "Diagnosis!". The first person to correctly diagnose the disease will be recognized in the next monthly news flyer.

Don't forget to visit the **Plant and Insect Diagnostic Clinic** at the State Fair on Wednesday, August 19th!



CHECK OUT OUR WEBSITE!



Use this QR code or go to www.plantpath.iastate.edu