



The Spore Print (01/23/2023)

Department of Plant Pathology January Newsletter

White elephant event 2022/12/9. photo credit: Katelyn Kiick

Hope you enjoyed our last newsletter and 2023!

... and Welcome to our January departmental newsletter!

I figured out that this newsletter is a new way to connect Alumni and people who are not located in Pullman. Therefore, we have pull up a new email list for our Alumni and have put the past archive at our departmental website! [Click here to access the past newsletters!](#) You will also be able to download the PDF version there!

Special thanks for those who submit the feedback for the last newsletter! This newsletter cannot grow bigger without your help.

...

If you have an item you would like to share in the newsletter, email it to <itsuhiro.ko@wsu.edu>. Your birthday, personal achievement, or anything you'd like to share or be recognized for! Please don't forget to answer the [questionnaire](#) at the end.

Anyway, enjoy the dlibs and drabs in our department!

Best wishes

- Ko

Editor team:

Itsuhiro Ko, Elliott Marston, Kayla Spawton, Joseph Mellow, Ninh Khuu, Jessica Franco, Sam Jayasinghe, Tammy Cunningham, Cynthia Gleason

Student Spotlight



From now, we start a new section in this newsletter to introduce our graduate student in our department !

Samodya Kushani Jayasinghe



Degree Sought : Ph. D.

Advisor : Dr. Kiwamu Tanaka

Expected graduation : 2024.

Hometown : Kandy, Sri Lanka

Research Focus :

My research focus is understanding the genetic basis of the tripartite interaction between potato plant, protist pathogen *Spongospora subterranea* f.sp. *subterranea* and potato mop-top virus. Understanding the genetic basis will lead to the development of genetic control for these two pathogens, for which successful control measures do not exist.

Professional Activities :

I serve as the college representative for CAHNRS, and the grants committee chair in the Graduate and Professional Student Association senate. I also serve as the graduate student representative of the Student Health Advisory Board. In the plant pathology department, I am a member of the Diversity, Equity, and Inclusivity committee and the FUN committee.

What made you interested in plant pathology? I always loved observing the plants in my surrounding environment, even as a kid. As an undergraduate, I developed a liking for microbiology and decided that plant pathology was the best field for me, as it combined two areas I am most interested in.

What is your favorite plant pathogen? *Spongospora subterranea* f. sp. *subterranea* – not your typical pathogen, hard to work with, but extremely interesting.

What are your hobbies? I knit as a way of relaxing. I also like to sing, or go hiking when I find the time.

Do you have any Pets? Yes, I have a orange tabby cat named Gus.

What is something interesting most people don't know about you? I extensively studied North Indian classical music and used to play the violin. I was one year short of earning a music degree before I decided to focus on science instead.

What would you like to do after graduation? I am leaning towards pursuing an industry career in biotechnology.

Itsuhiro Ko



1 - Milk the Cat, enjoying the morning sunshine

Degree Sought : Ph. D. in Molecular Plant Sciences.

Advisor : Dr. Cynthia Gleason

Matriculation Year : 2022 (Spring)

Hometown : Chiba, Japan

Academic Background : MPhil. Univ. of Cambridge. B.S. Penn State Univ.

Research Focus :

1: Transcriptome analysis of root-knot nematode trap crop, Litchi tomato.

2: Engineering *Bacillus subtilis* that can secrete the plant immunostimulant to boost plant immunity against root-knot nematodes.

What are your hobbies?

I love outdoor activities, like Tennis and hiking. I want to explore every US national park! The best one I have visited now is Glacier national park. I also enjoy playing Nintendo Games. And play with our cat, Milk!

What is something interesting most people don't know about you?

When I was three, I moved to China with my parents and lived there for 15 years. I always fail my English test in middle school until I saw a great opportunity of studying plant sciences in the US. To pursue my goal of being a plant scientist, I studied English hard and finally got accepted by one of my dream colleges. (my middle school teacher will be surprised if he knows I'm studying in the US now)

My research journey?

When I was at Penn State, I learned from a college newsletter that parasitic plants can steal host genes and use them as their own weapon to fight against host immunity. Surprised by this, I started an independent project studying horizontal gene transfer between plants and parasites. After graduating, I was invited to continue my research in the UK, where I first met plant parasitic nematodes. This "mighty" little creature not only can steal genes from others but also can alter the host cells to benefit itself. When I went deep into nematode research, I was fascinated by Cynthia's story of using engineered *Bacillus* to control nematodes and joined WSU to further explore the mystery behind plant-pathogen interaction.

Department Updates



White Elephant Gift exchange and Holiday Party (12/09/2022)

PLP FUN Committee and the PLPGSO held a **Holiday Party** for snacks and a gift exchange!

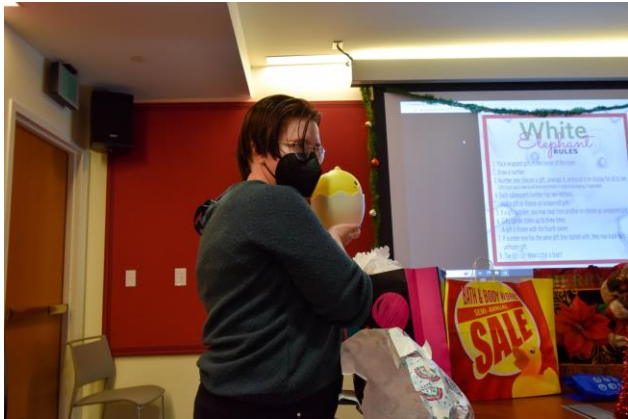
Special thanks to the department for providing funding and the following folks working in the background to make everything possible: Tim Paulitz, Cynthia Gleason, Kiwamu Tanaka, Tim Murray, Tammy Cunningham, Elliott Marston, Sam Jayasinghe, Sheersa Manna, Kristen Bullough, Sudha GC Upadhaya, and Katelyn Kiick!





2 - The FUN committee











"Henry is confused by the photographer. Kiwamu is staring longingly into the distance as he tenderly holds a chip or something that he forgets is there . Kristen is really into her food. Sam is disgusted by someone's ugly shoes. And Elliott is staring at whatever Kiwamu is staring at but has not forgotten about whatever food he is holding" by Kayla

Alex Batson's Graduation at the Mount Vernon NWREC Holiday Party (12/09/2022)

Congratulations to Alex Batson for a very successful defense of his PhD dissertation in Pullman on November 8th! Dr. Batson's dissertation is titled "Characterization, detection, and genetics of the spinach Fusarium wilt pathogen". He was advised by Drs. Lindsey du Toit (chair), Cynthia Gleason, Bob

Brueggeman (WSU Crop and Soil Sciences), and James Woodhall (University of Idaho). Alex and Bailey (his wife) moved to Guadalupe, CA in late December 2022, where Alex started working on January 9th, 2023 for Ball Horticultural Company as a plant pathologist supporting ornamental breeders. We look forward to watching Alex's career in plant pathology flourish. We wish Alex and Bailey all the best for this next chapter in their lives. ----- Lindsey



3 - Alex Batson and his advisor, Lindsey du Toit, celebrating his PhD graduation in style on December 9th, 2022.

Alex was not able to attend the graduation ceremony in Pullman on December 10th, so we held a small graduation ceremony for him during the holiday season potluck at the WSU Mount Vernon NWREC on December 9th. Alex wore a UW academic gown (no one here had a WSU gown!) with spinach leaves pinned onto the gown (crocheted by PhD student Kayla Spawton). We 'hooded' Alex with a necklace made of alternating petri plates with spinach seed and cultures of *Fusarium oxysporum* isolate # 1108 in the Vegetable Seed Pathology culture collection, since Alex's defense exam was on 11/08/2022. We wish Alex all the best as he starts his new position at Ball Horticulture and moves with his wife, Bailey, to sunny California!



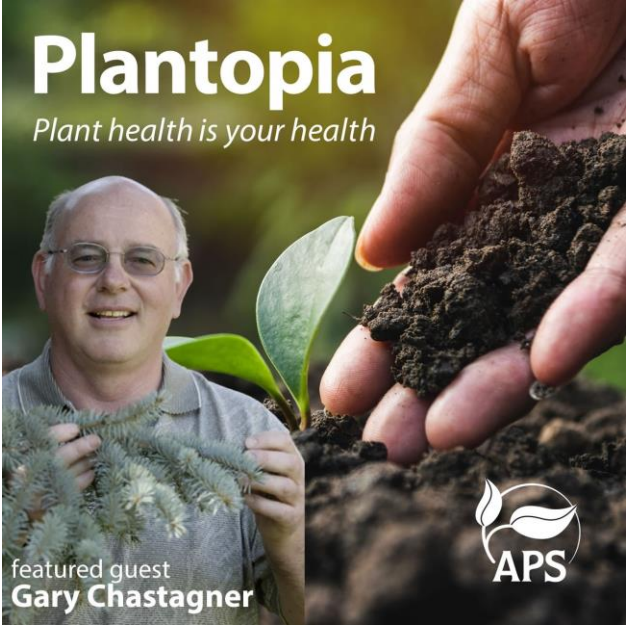
4 - Alex and the Vegetable Seed Pathology lab with spinach decorations.

Dr. Alex Batson celebrating his PhD graduation on December 9th with his wife, Bailey (green sweatshirt), and members of the Vegetable Seed Pathology program at the WSU Mount Vernon NWREC (L to R: Marilen Nampijja, PhD student, and her daughter, Eleana; Kayla Spawton, PhD student; Lindsey du Toit, Alex's advisor; Tomasita Villarroel, Ag. Research Tech. I; and Mike Derie and Babette Gundersen, Scientific Assistant Seniors).


News



Plantopia
Plant health is your health

A composite image featuring a man in a grey polo shirt holding a green plant, and a close-up of a hand holding dark soil. The background is a soft-focus green field.

featured guest
Gary Chastagner

The logo for APS (American Phytopathological Society), featuring a stylized leaf and the letters APS.

Dr. Gary Chastagner was interviewed recently on the APS Plantopia Podcast series. His podcast is titled "The Science Behind Healthy Christmas Trees", which can be accessed at <https://www.plantopiapodcast.org/32>



5 - Congratulations!

Joseph Mellow, a Master student in Dr. Amiri's Lab, Wenatchee, will become the next vice president of Plant Pathology Graduate Student Organization!



Dr. Adam Steinbrenner, an Assistant Professor at UW has accepted our invitation to be our next student invited guest speaker during our PLP seminar on April. 10th, 2023!

For more information about Adam, Please check out the following link.

<https://steinbrennerlab.org>

Grad students will be invited to attend a lunch and dinner with Dr. Steinbrenner on the day of his visit! :)

WSU academy brings scientists, growers together for collaborative wheat research

Academy offered growers, agricultural professionals, and scientists a deeper opportunity to talk about emerging issues and ideas in wheat farming

PUBLISHED ON **JANUARY 11, 2023**



News! Members of the department taught in the WSU Wheat Academy Dec. 13-14, 2022.

Dr. Timothy Murray and Cassandra Bates presented a section on “Diagnosing and Managing Diseases of Wheat”. Dr. Timothy Paulitz and Dr. David Huggins presented a section on “The Soil Microbiome & Soil Health”. The Academy is designed to give hands-on experience to growers, industry consultants and other scientists.

<https://www.morningagclips.com/ws-u-academy-brings-scientists-growers-together-for-collaborative-wheat-research/>

Dr. Jana U'Ren will be visit February 2nd and 3rd with prospective student, Megan Nickerson!

More details to come, but please expect to have a lunch/tour arranged for Megan! (Thank you to the department for providing funding!)

Members of the Amiri Lab attended the 97th Orchard Pest and Disease Management (OPDMC) conference in Portland, Oregon

Achour Amiri, Jibrin Mustafa (Postdoctoral /scientist) and Jonathan Puglisi (Ph.D. candidate), from WSU-Wenatchee attended the OPDMC conference in Portland, January 11 & 12. Jonathan spoke about fitness cost in the blue mold fungus *Penicillium expansum* of pome fruit. Mustafa presented his work on characterization of fungal species linked with patulin contamination in processed apples. Achour gave a talk on challenges and current approaches of management postharvest decays in organic pome fruit systems.





Blue mold: Inoculum sources

Inoculum: Asexual spores (conidia)

- Airborne
- Packinghouse equipment and storage bins/rooms
- Orchard soil

Etiology

- Postharvest
- Primary: Wounding
- Natural: Calyx or stem-end and lenticels



PC, Odenkova et al.



PC, CL, Pilon



PC, Green Apple Growers

The slide is projected onto a screen in a conference room. The room has a patterned carpet and a round table with a white object on it in the foreground.

Dr. Tim Murray was appointed as the newest member of the National Academies' Forum on Microbial Threats, organized by the National Academies of Sciences, Engineering, and Medicine!



Beginning his term in December 2022, Tim is contributing ideas that advance microbial disease control science, health care, and public policy.

<https://news.cahnrs.wsu.edu/article/murray-connecting-plant-global-health-as-member-of-national-academies-forum-on-microbial-threats/>

Congratulations Dr. Murray!

Events



Please contact the corresponding person for more details!

Pullman Events

By Elliott Marston <elliott.j.marston@wsu.edu>, Sam Jayasinghe <samodya.jayasinghe@wsu.edu>, and Itsuhiro Ko <itsuhiro.ko@wsu.edu>



Plant Pathology DEI committee presents: “Inclusion 101”

Plant pathology DEI committee has invited Dr. Allen Sutton to present the first seminar of the Plant pathology seminar series. His talk will focus on what DEI means, and why it is important in a research setting. Dr. Sutton works as the Executive Director for the Office of Social Justice Education and Outreach at Washington State University in Pullman, WA.

Dr. Sutton’s talk will be specifically catered towards the Department of Plant Pathology, crafted and cultivated based on the input of the DEI committee.

4:10 PM | Clark 151 | January 23, 2023 | Plant Pathology 515, Spring 2023

Zoom Link:

Meeting ID: 955 0119 6325 **Passcode:** 5498

Call in number: 1 253 215 8782

FUN Committee events

Learning Fridays (formerly known as brown bag lunches): Come join us in PSB 405 or via zoom between 12.00 pm to 1.00 pm, and listen to what research is happening in a fellow plant pathology lab. Participating labs will be announced monthly.

🍪 First Learning Friday of Spring 2023: Dr. Hanu Pappu's lab 🌊:

Zoom:

<https://wsu.zoom.us/j/96896891530?pwd=N1VqTHZic2JKaERvdnpyMTJzbWk0UT09&from=addon>

Meeting ID: 968 9689 1530

Passcode: 991928

☑️ Second Learning Friday, February 17th: Dr. Chakradhar Mattupalli's lab 🍪 :

Zoom:

<https://wsu.zoom.us/j/92979483917?pwd=Z0ZJN1doRkdqcGNFTmhYZzhldkp4UT09&from=addon>

Meeting ID: 929 7948 3917

Passcode: 146378

🍇 Third Learning Friday, March 10th: Dr. Naidu Rayapati's lab 🍷 :

Join Zoom Meeting from PC, Mac, Linux, iOS, or Android:

<https://wsu.zoom.us/j/94064632904?pwd=bmN3azVDZHkxMXRRd0FrZGx6amIVQT09&from=addon>

Meeting ID: 940 6463 2904

Passcode: 086684

🍒 Fourth Learning Friday, April 21st: Dr. Scott Harper's lab 🍷 :

Join Zoom Meeting from PC, Mac, Linux, iOS, or Android:

<https://wsu.zoom.us/j/97754079925?pwd=dVpvKzRWT2xZR1dkT3p2U2ITMjJ0QT09&from=addon>

Meeting ID: 977 5407 9925

Passcode: 767298

Monday Coffee hours

Join us every Monday at 3.00 pm - 4.00 pm in **Clark 299** for coffee and snacks before seminar. All are invited!!!

Wenatchee Events

by Joseph Mellow <joseph.mellow@wsu.edu>

We welcome Madan Pandey to Wenatchee after his semester in Pullman. He will be starting his Masters research on fungicide resistance mechanisms on *Penicillium spp.* that affect pome fruit.

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Mount Vernon Events



by Kayla Spawton <kayla.spawton@wsu.edu>

Vegetable Seed Pathology graduate students Marilen Nampijja and Kayla Spawton and their advisor, Dr. Lindsey du Toit, presented at the 2023 Western Washington Seed Workshop on 1/13/2023 at WSU Mount Vernon NWREC. Dr. du Toit shared updates from the VSP program as well as results from Alex's dissertation. Kayla presented on research updates from her work on the ecology and management of *Stemphylium* leaf spot of spinach, and Marilen presented on research updates from her work on the ecology and management of bacterial leaf spot of beet and chard.

We welcome back Roshani Baral and Purnima Puri to Mount Vernon after their semester in Pullman! Now the number of Plant Pathology graduate students in Mount Vernon has doubled from two to four!

Prosser Events



by Ninh Khuu <ninh.khuu@wsu.edu>

Please welcome Sheersa Manna and Katelyn Kiick to Prosser! Sheersa will be starting her Ph.D. work while Katelyn will be picking up where she left off in Dr. Frank Zhao's lab. Dr. Zhao's lab is also recruiting post-docs, technicians, and more students to work in the exciting field of fire blight! Frank also moderated a Washington State Tree Fruit Association (WSTFA) annual meeting session in December and will be participating in a multi-state course on antimicrobial resistance from a One Health perspective in February.

Dr. Scott Harper's busy with giving presentations for the various crops that his lab works on (join us on April 21st, if you'd like to learn more!) including the Hop Growers of Washington Meeting on the 5th, Cherry Institute to discuss X Disease on the 14th, WSU Stone Fruit Days to discuss Stone Fruit Viruses, and the Hop Research Council the week of the 23rd).

With Sheersa and Katelyn, we'll be at five total grad students (Ninh Khuu, Amber Loptien, and Noah Ault) in Plant Path :)

Publications



Andrus, R.A., Peach, L.R., Cinquini, A.R., Mills, B., Yusi, J.T., Buhl, C., Fischer, M., Goodrich, B.A., **Hulburt, J.M.**, Holz, A., Meddens, A.J.H., Moffett, K.B., Ramirez, A., and Adams, H.D. (2023). Canary in the Forest? – Tree mortality and canopy dieback of western redcedar linked to drier and warmer summer conditions. *bioRxiv*, 2023.01.11.522134. <https://doi.org/10.1101/2023.01.11.522134>.

Batson, A.M., Gyawali, S., and du Toit, L.J. (2022). Shedding light on races of the spinach Fusarium wilt pathogen, *Fusarium oxysporum* f. sp. *spinaciae*. *Phytopathology*, 112:2138-2150. <https://doi.org/10.1094/PHYTO-03-22-0107-R>

Batson, A., Spawton, K., Katz, R., and du Toit, L.J. (2022). Cladosporium leaf spot, caused by *Cladosporium variabile*, in winter high tunnel production of spinach (*Spinacia oleracea*) in Maine, United States. *Plant Disease*, 106:2268. <https://doi.org/10.1094/PDIS-11-21-2424-PDN>

Highlight: The first author, Dr. Alex Bastson, is a newly graduated PhD student in Dr. Lindsey du Toit's lab at Mt Vernon R&E center. Let's give our best wishes to Alex for his new journey in Southern California!

Baumgartner, K., Travadon, R., Fujiyoshi, P.T., Mireles, M., and **Moyer, M.** (2022). Preventing Trunk Diseases with Fungicide Applications to Pruning Wounds in Washington Wine Grapes. *American Journal of Viticulture*, 22019; published ahead of print Nov. 7, 2022. <https://doi.org/10.5344/ajev.2022.22019>

Cheng, W., Xue, H., Yang, X., Huang, D., Cai, M., Huang, F., Zheng, L., Peng, D., **Thomashaw, L.S., Weller, D.M.**, Yu, Z., Zhang, J. (2022). Multiple Receptors Contribute to the Attractive Response of *Caenorhabditis elegans* to Pathogenic Bacteria. *Microbial Ecology*, e02319-22. <https://doi.org/10.1128/spectrum.02319-22>

Kranse, O.P., **Ko, I.**, Healey, R., Unnati, S., Wei, S., Senatori, B., De Batte, F., Zhou, J., and Eves-van den Akker, S. (2022). A low-cost and open-source solution to automate imaging and analysis of cyst nematode infection assays for *Arabidopsis thaliana*. *Plant Methods* 18, 134. <https://doi.org/10.1186/s13007-022-00963-2>

Yin, C., Schlatter, D., Haggerty, C., **Hulbert, S.**, and **Paulitz, T.C.** (2022). Disease-induced assemblage of the rhizosphere fungal community in successive plantings of wheat. *Phytobiomes*, 00. <https://doi.org/10.1094/PBIOMES-12-22-0101-R>.

Zhu, Z., Dugan, F., and Murray, T.D. (2023). A Multilocus Phylogeny Places *Hymenula cerealis* (syn. *Cephalosporium gramineum*) in the Helotiales, Leotiomyces. *Phytopathology*, 00: ja,. <https://doi.org/10.1094/PHYTO-05-22-0151-R>.

Funding & Opportunities



WSU General Scholarship (Open to all Students)

Deadline: Jan. 31st Click [here](#) to apply

Graduate School Scholarships (Open to all Graduate Students)

Nominations are open until February 1st, 2023. Click [here](#) to nominate yourself and others.

Department of Plant Pathology travel grant (Open to all PLP students)

Please contact Tammy Cunningham (t.cunningham@wsu.edu) for more info.

FFAR Fellowship (Both US & International students)

Due dates in 2023:

- *February 22 for the Stipend + Professional Development Category*
- *April 15 for the Professional Development Category*

American Phytopathological Society Funding (US students)

APS has multiple applications for student fellowships open now. Student members are eligible to apply. Please find more information [here](#).

CAHNRS Three Minute Thesis Competition

The CAHNRS three minute thesis competition has been scheduled for Monday, March 20, from 2.00 - 4.00 pm, at Ensminger Pavilion. PhD candidates pursuing a degree within CAHNRS (post-preliminary exam by the proposal deadline) and Master's level thesis students (third semester or later) are eligible to compete. Each department can submit 3 Ph.D. candidates and 3 Master's students. If you are

interested in representing our department, email Dr. Tim Murray (tim.murray@wsu.edu) by Friday, February 17, 2023.

APS-Pacific Annual Meeting and Symposium

APS-Pacific will be meeting in Tucson, AZ from March 14-16 in 2023. There will be a field trip to see [Biosphere2](#) as well as a pistachio nursery. The symposium theme will be: Abiotic impacts on biotic agricultural challenges. The invited speakers, [Dr. Jonson](#), [Dr. Stewart](#), and [Dr. Swett](#) will dive into agricultural resilience & climate variability. You can register, submit an abstract, book your hotel, nominate an officer, nominate your colleagues for an award, and apply for a graduate student award [all at one link](#).

American Society of Plant Biologists (ASPB) Western Section

The American Society of Plant Biologists Western Section 2023 meeting will be held from Friday, Apr. 28 to Saturday, Apr. 29, 2023, at The University of Puget Sound in Tacoma, Washington.

Abstracts are due April 1, 2023.

This gathering will be an opportunity for plant biologists from around the region to share their work and engage in conversations about research and teaching. We particularly encourage the attendance of early career scientists, undergraduates, and members of historically underrepresented groups in STEM.

[More information](#)

GPSA Excellence Awards - \$500 Scholarships

GPSA honors individuals in 8 categories:

1. Graduate Research Assistant
2. Graduate Teaching Assistant
3. Graduate Student Instructor
4. Graduate Staff Assistant
5. Academic Advisor
6. Community Engagement
7. Registered Student Organization
8. Leadership Award

Self nominations are encouraged, applications are open from 11/8/22 - 2/21/23. You can submit your nomination [here](#).

GPSA Travel Grants

GPSA travel grants are available all year round and are awarded as reimbursements post travel, for our of pocket travel costs. Pullman Service and Activity fee paying students are eligible to apply. Please see all information at GPSA grants website [here](#). Contact gpsa.granst@wsu.edu if you have questions.

GPSA Dissertation Grants - \$500

Ph.D. students who have completed their preliminary exams can apply for GPSA dissertation grants. Funding should be used for research related expenses. Applications open until funding runs out. To apply and for more information visit [here](#). Due **April 1, 2023**

Here is a website that has 572 funding sources you can look for

<https://research.jhu.edu/rdt/funding-opportunities/early-career/>

Seminars (Spring 2023, until spring break)



Department of Plant Pathology Seminar, Location: (Every Monday, 4:00pm to 5:00pm)

[Zoom link](#)

Meeting ID: 955 0119 6325 Passcode: 5498

January 23rd - DEI Speaker – Dr. Allen Sutton

Dr. Allen Sutton is the Executive Director for the Office of Social Justice Education and Outreach at Washington State University in Pullman, WA

January 30th - Mustafa Jibrin and Kasi Viswanath

Mustafa Jibrin is a post-doc researcher in Dr. Achour Amiri's lab and Kasi Viswanath is a post-doc researcher with Dr. Hanu Pappu.

February 6th - Dr. Hira Kamal

Dr. Hira Kamal is a post doctoral researcher with Dr. Hanu Pappu.

February 13rd - Hannah Merril and Elliott Marston

Hannah Merril is a graduate student with Dr. Xianming Chen and Elliot Marston is a graduate student with Dr. Deven See.

February 20th - Jonathan Puglisi and Pandey Madan

Jonathan Puglisi and Pandey Mandan are graduate students with Dr. Achour Amiri.

March 6th - No seminar

Molecular Plant Science seminar, Location: Todd 220 (Every Wednesday, 12:00pm to 1:10pm)

[Zoom link](#)

Meeting ID: 954 9301 5354 Passcode: 365851

January 25th - TBD

February 1st - Dr. Scott Sattler

February 8th - TBD

February 15th - Dr. Bala Manian

February 22nd - Nate Boyer

March 1st - Karl Effertz

Marrch 8th - John Hadish

Department of Horticulture seminar, (Every Thursdays, 2:55pm to 4:05pm)

Locations: Pullman: 212 Sparks

Wenatchee: Stockwell room

Prosser: Multipurpose Building classroom

Mt. Vernon: Wiley Zoom room

January 26th – Guest speaker: Paco Gonzales, Research Horticulturalist, USDA ARS. Title: USDA Hop Horticulture Program at WSU – An Introduction and Priorities.

February 2nd – Guest speaker: Scott Harper, Assistant Professor in the Plant Pathology department, and director of the Clean Plant Center Northwest. Title: TBD

February 9th – Guest speaker: Craig Richael. Simplot/Aardevo. Title: Accelerated Genetic Improvement of Potato Using F1 Hybrid Breeding and Tools of Bioengineering

February 16th – Guest Speaker: Marilyn Warburton, USDA-ARS. Plant Germplasm Introduction and Testing Research Research Leader. Title: W-6 Project

February 23rd – Guest Speaker: Carl Silverbrug. Senrio V.P. of Outreach & Public Affairs at iUNU, Inc. Title: Sensors/AI for greenhouse management.

March 2nd – Noah Wilsea. Title: TBD

March 9th – Fabiola Guadalupe Ramierz Torres . Title: TBD

Dept. of Crop and Soil Sciences Seminar, Location: Clark 149 (Every Monday, 2:10pm to 3:00pm)

TBD

IBC seminar

TBD

MARILYN & JAMES HYDE SEMINAR SERIES, Department of Entomology, Location: FSHN 354 (Every Monday, 12:00pm to 1:00pm)

[Zoom Link](#) Meeting ID: 951 2845 3762. Passcode: 613032

January 23rd – TBD

January 30th – Jamie Strange – Ohio State University – ‘Patterns of Population Genetic Structure in North American Bumble Bees Communities’

February 6th – Laura Kraft – WSU Extension – ‘Developing an IPM Program for Southwestern Washington Cranberries and Shellfish’

February 13th – Molly Sayles – PhD Proposal

February 20th – No Seminar – Presidents Day

February 27th – Kendra Chambless – PhD Proposal

March 6th – Salena Helmreich – PhD Proposal

Events for graduate students hosted by Graduate and Professional Student Association



by Kayla Spawton (Plant Pathology GPSA senator) <kayla.spawton@wsu.edu>

Upcoming Professional Development Initiative Events:

- Feb 1 @ 10 am- 2 pm~ [Keynote Event: Social Learning Leadership](#) by Jessica Perone. Will take place over zoom and in-person Butch's Den, CUB L60. [REGISTER HERE](#)
- Feb 8 @ 10 am- 2 pm~ [Keynote Event: Formatting Your Thesis or Dissertation](#) by Daniel Vickoren, Maria Kobets, Kristina Intinarelli, and Megan Konkel. Will take place over zoom and in-person Butch's Den, CUB L60. [REGISTER HERE](#)
- Feb 16 @ 11 am- 1 pm~ [Effective Writing "Moves" for Research Articles](#) workshop by Melanie Thongs and Amy Whitcomb. Will take place over zoom and in-person Butch's Den, CUB L60. [REGISTER HERE](#)

More information on events and opportunities offered by GPSA can be found [here](#).

PLP graduate students, please feel free to reach out to me if you have any questions or concerns. Here is the [google form link](#) if you prefer to do so anonymously.



Join us @ Rico's every Thursday, socialize,
make new friends and network, because
"your network is your net worth" 😊

Special deals available only for graduate and professional
students



Do not forget to
bring your ID and
Cougar Card



Jobs



The **University of California Division of Agriculture and Natural Resources (UC ANR)** in collaboration with the **College of Natural and Agricultural Sciences (CNAS)** at UC Riverside, invites applicants for an

Assistant Professor of Cooperative Extension in the area of Food Safety, with an emphasis on microbial contamination of crops. The position is 80% Extension and 20% Research with an academic career-track, 11-month appointment in the Department of Microbiology and Plant Pathology at Riverside (<https://microplantpath.ucr.edu/job-opportunities>), and is available after January 1, 2023. Salary is commensurate with qualifications and experience.

The **Department of Microbiology and Plant Pathology at the University of California, Riverside** invites applications for a tenure track **Assistant Professor of Plant Pathology** is available after July 1, 2023 in the area of bacterial interactions with plants. The position is an academic year (9-month) appointment in the College of Natural and Agricultural Sciences and the Agricultural Experiment Station (<https://microplantpath.ucr.edu/job-opportunities>). Review of applications will begin December 5, 2022 but the position will remain open until filled.

Dr. Wanlong Li from the **Department of Biology and Microbiology at South Dakota State University** is seeking a **Postdoc** to lead wheat/barley genome editing projects aiming to improve nitrogen use efficiency and scab resistance. Please send a cover letter and CV with your contact information to Dr. Li directly at wanlong.li@sdstate.edu.

The **University of Saskatchewan Crop Development Center** is hiring an **Assistant Professor to be a Spring Wheat and Canary Seed Breeder**. Applications, including an up-to-date CV, statement of research, statement on equity, diversity, and inclusion, academic transcripts, and contact information for three referees, should be submitted as a single PDF file to Dr. Curtis J. Pozniak, Director, Crop Development Centre by email at curtis.pozniak@usask.ca. The job posting can be found [here](#).

The **USDA Crop Improvement and Genetics Research Unit at the USDA Agricultural Research Service located in Albany, CA** is offering a **postdoctoral position** through an ORISE Fellowship. The selected candidate will participate in research projects to improve wheat agronomic traits and grain quality and utilization using genetics, molecular biology, genomics, and polymer science. Job posting can be found [here](#); the application deadline is March 6, 2023.

Dr. Steve Fennimore and Dr. Frank Martin are looking to fill a **postdoctoral position** to work on strawberry and vegetable related projects at UC Davis. The position will be based at the **UC Davis Vegetable Research and Extension Center in Salinas, CA**. Contact Dr. Fennimore (safennimore@ucdavis.edu) or Dr. Martin (frank.martin@ars.usda.gov) for more details on how to apply.

The **University of Missouri** is searching for a **postdoctoral fellow** to study soybean phenomics and physiology. Responsibilities include evaluation, identification, and characterization of soybean lines with

desirable traits related to abiotic stress tolerance. The application deadline for this position is March 1st, 2023 and you can find the job posting [here](#) (Job ID: 45272).

A **postdoctoral fellowship** studying the genetic diversity of tetraploid wheat is available at the Agricultural Genetics and Genomics research group at DISTAL, **Department of Agricultural and Food Sciences, Alma Mater Studiorum – University of Bologna, Bologna, Italy**. The main objective is to contribute to develop the pangenome of tetraploid wheats. The candidate will collaborate with an international research team to characterize the structural and functional genetic variation of the Global Durum Genomic Resource collection. The job posting is [available here](#). Please email your CV to Roberto Tuberosa (roberto.tuberosa@unibo.it), Marco Maccaferri (marco.maccaferri@unibo.it), and Cristian Forestan (cristian.forestan@unibo.it). Applications are open until February 3rd, 2023.

Ongoing Job postings:

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