

The Spore Print (02/27/2023) Department of Plant Pathology February Newsletter

Welcome to our February departmental newsletter!

[Click here to access the past newsletters!](#) You will also be able to download the PDF version there.

Special thanks for those who provided feedback for the last newsletter! We can't grow or improve the newsletter without your help.

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

Anyway, please enjoy these updates from 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



As of January, we are including a new section in this newsletter to introduce the graduate students in our department!

Kayla Spawton



Degree Sought: PhD

Advisor: Drs. Lindsey du Toit and Tobin Peever

Expected graduation: 2023

Hometown: Los Angeles, CA

Academic Background: B.S. in Ecology, Evolution & Biodiversity from University of California, Davis with a minor in Fungal Biology & Ecology (yes, that was an actual minor)

Research Focus: My research is on the ecology and management of the causal agents of Stemphylium leaf spot of spinach (*S. beticola* & *S. vesicarium*). This includes characterizing *Stemphylium* spp. associated with spinach leaf spots and seed, determining whether field isolates are resistant to strobilurin fungicides, using population genetics to evaluate the significance of seedborne inoculum in dispersing *S. vesicarium*, and identifying spinach cultivars resistant to *S. vesicarium*.

Professional Activities: In GPSA, I am the Plant Pathology Senator and part of the Legislative Affairs Committee. I am also the graduate student representative of the Graduate Studies Committee.

What made you interested in plant pathology? My interest in mycology began after taking a class taught by Dr. Dave Rizzo at UC Davis. After working in his lab on Sudden Oak Death (*Phytophthora ramorum*), as well as other labs in the Dept of Plant Pathology, including Dr. Tom Gordon's lab on pitch canker of pine (*Fusarium circinatum*) and Dr. Doug Gubler's lab on Cladosporium rot of table grapes (*Cladosporium* spp.), I knew I wanted to continue to study fungal pathogens. I credit the mentorship by amazing Plant Pathology professors for informing my career pursuits.

What is your favorite plant pathogen? *Phytophthora ramorum*, because it was the first pathogen I worked with.

What are your hobbies? I enjoy crocheting, as well as watching films. I've gone through some niche film phases including Bollywood, Danish family drama, Hong Kong, and silent films, and almost majored in film history.

Do you have any Pets? I do not, but the folks I live with have cattle and a senior golden retriever (Maggie).

What is something interesting most people don't know about you? I have a twin sister that people say I look a lot like. Also, I have a partner who is a plant biology/bioinformatics postdoc at Riken in Yokohama, Japan. We have been together for ~9 years.

What would you like to do after graduation? I am leaning towards pursuing a career at a seed company, but remain open-minded as my partner and I try to find a location we can build our careers together.

Joseph Mellow



Degree Sought : M.Sc. in Plant Pathology

Advisor : Dr. Achour Amiri

Expected Graduation : Fall 2023

Hometown : Fresno, California

Academic Background : B.S. in Molecular Biology and a minor in Statistics at California State University Monterey Bay

Research Focus : My research focus is trying to characterize and identify species in Neonectriaceae that cause Neonectria-like fruit rot on pome fruit in the Pacific Northwest. This includes characterizing by colony morphology on different media and lighting conditions, molecular DNA sequencing, and accessing virulence on detached pome fruit.

What are your hobbies?

I love indoor activities such as playing board games, trivia, and watching movies with friends. Back home, I like to take care of and play games with my pets and practicing my french horn and trombone.

Professional Activities: In PPGSA, I am the Vice President for this Spring semester and in the WGSA I am the secretary.

What made you interested in plant pathology? My interest in plant pathology became known when I started to work under Dr. Timonthy Miles' plant pathology lab at my undergraduate school and worked at the USDA-ARS in Salinas, CA on insect transmitted viruses on lettuce. I always had an interest in agriculture since my family has been farming pome fruit and stone fruit in California for over 60 years. After helping my father in farmwork and selling at local farmer's markets, I knew I wouldn't enjoy farming, but I knew that I could help him using plant pathology.

What is your favorite plant pathogen? *Erwinia amylovora* since it is one of the first plant pathogens I have been exposed to. It has been a persistent issue for my father's pear orchards for many years.

Do you have any Pets? Back home in California, I have many family pets such a husky (Nova), a Siamese cat (Simon), a terrier-mix (Trouble), an Australian Shepard (Ozzy), and a chihuahua (Bentley).

What is something interesting most people don't know about you? I have been playing french horn since 2010, but I haven't played in an actual symphony since I was 1st chair french horn in high school.

What would you like to do after graduation? I am leaning towards pursuing a career at the USDA as a biological technician while getting my substitute science teacher credentials to gain some teaching experience.

Department Updates



The CAHNRS Web Team has developed a central web directory for the college. Please visit the new directory and review your information. <https://cahnrs.wsu.edu/people-directory/>.

If you need to make changes (title, phone, photo, bio, etc.) or add new information, or remove information, please use this form: <https://cahnrs.wsu.edu/people-directory/update-information/>.

I recently read a tweet about the importance of maintaining your personal online profile on platforms such as Google Scholar, Facebook, Twitter, LinkedIn, ResearchGate, etc. This makes it easier for people to find you by simply googling your name and area of expertise, potentially bringing you new opportunities. The CAHNRS web directory is a good starting point to establish your personal online profile.

--Ko

Congratulation to Dr. Scott Harper granted tenure and promoted to Associate Professor effective July 1, 2023.



Dr. Scott Harper is the director of the Clean Plant Center Northwest at WSU located in Prosser, WA. Scott has been instrumental towards improving quality of hop, grapevine, and tree fruit germplasm provided to nurseries and growers both in Washington State and the rest of the nation. His promotion to Associate Professor a boon to US Ag!

To find out more: <https://cpcnw.wsu.edu/>



1 - Scott showing folks symptoms of Little Cherry Disease as part of PLP 525!

Of special importance has been Scott's role with addressing the outbreak of Little Cherry Disease that has devastated the Washington Tree Fruit industry. Scott's research focus has been on topics of pathogen biology, epidemiology, and the plant host's response to infection. Along the way, his group has developed improved molecular detection assays to detect infections earlier and help remove infected plants from production. Scott's research interests and leadership has help assemble a multi-disciplinary team of collaborators consisting of entomologists, plant pathologists, physiologists, and engineers from academia, government, and industry from multiple states.

News



2 - Congrats Sam!

*Congratulations to Samodya Jayasinghe from Dr. Kiwamu Tanaka's lab for receiving the **Raymond J. Tarleton Student Fellowship for 2023** from the American Phytopathological Society!*

The Tarleton Fellowship is awarded to a deserving graduate student majoring in plant pathology at a university in the United States. The purpose is to support graduate education in plant pathology and can be used as a stipend for research expenses, books, research, summer internships (industry, other research labs, etc.) and/or for equipment necessary to the recipient's thesis research..



3 - CONGRATS!

Congratulations to Dr. Jana U'Ren who recently received the NAS Kavli Frontier of Science Fellow Award.



We would like to welcome Mary Steele as the most recent admitted student to our grad program. She will be co-advised by Drs. Mattupalli and du Toit. Mary is currently an MSci in Ag student at Cal Poly, SLO. Mary will be joining us in Pullman this Fall so please keep an eye out for her!

Faculty, please let us know if you are expecting students this Summer/Fall or if you have prospective students who still had questions! We'd love to meet them and tell them about grad school at WSU.

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>

CAHNRS Three Minute Thesis has been scheduled for Monday, March 20, in Ensminger Pavilion. It will take place tentatively from 2:00 – 4:00 PM but is dependent upon the number of student entries. For more information about eligibility and deadlines, you can visit their website [here](#).

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.

 **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=dVpvKzRWT2xZR1dkT3p2U2ITMjJOQT09&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!!!

First Friday at Rico's

Join us Rico's (200 E Main St, Pullman, WA 99163) to socialize and build community within the department. Next get-together will be March 3rd at 5:30 pm. See you there!

***TBD* Spring Fling Event!** Funding provided through GPSA has allowed us to host a Spring Welcome event. We'll get back to you with the theme once the weather warms up a bit!

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.

Mount Vernon Events



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

Mount Vernon NWREC is hosting a lunch and learn series on student alumni that is open to the public.

On March 2 from 1-2 pm, Matt Arrington (Assistant Professor of Applied Plant Science at Brigham Young University) and Huan Zhang (Agricultural Consultant at De Bei Consulting), former students Dr. Lisa Wasko DeVetter (Dept. of Horticulture), will be speaking.

On March 17 from 12-1 pm, Avi Alcala (Regulatory Manager of Seed Treatment for Valent USA LLC) and Eric Christianson (Crop Coordinator/Specialist for Rijk Zwaan), former students of Dr. Lindsey du Toit, will be speaking.

Zoom info: ID: 996 2477 1855 link: <https://wsu.zoom.us/j/99624771855>

Prosser Events



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

As noted elsewhere in the newsletter, congratulations to Dr. Scott Harper on his promotion to Associate Professor! Dr. Harper is the director of the Clean Plant Center Northwest and this news has been received with fanfare from many folks within and outside of the department! Also, congrats to Dr. Michelle Moyer for her promotion to Full Professor! Michelle is an affiliate faculty member in our department with her home department being Horticulture.

PGSA (Prosser Grad Student Association) hosted its first general meeting on Feb 24th! Its leadership team has representation from Plant Path Sheersa Manna (President) and Katelyn Kiick (Secretary)! They'll be hosting some cultural events to promote education about other cultures and are trying to recruit student participation in station committees.

Publications



Manasseh R, Berim A, Kappagantu M, Moyo L, Gang DR and **Pappu HR** (2023) Pathogen- triggered metabolic adjustments to potato virus Y infection in potato. *Front. Plant Sci.* 13:1031629.

doi: 10.3389/fpls.2022.1031629

Richard Manasseh is a PhD student at Dr. Hanu Pappu's lab. This is his first paper from his PhD work. Congrats!

Baker, H., Caballero, J.I., **Gleason, C.**, Jahn, C., Hesse, C., Stewart, J.E., and Zasada, I. (2023). NemaTaxa: A new taxonomic database for analysis of nematode community data. *Phytobiomes*, 00: ja.

<https://doi.org/10.1094/PBIOMES-07-22-0042-R>

Batson, A.M., Woodhall, J.W., and **duToit, L.J.** (2023). Real-time PCR assays for races of the spinach Fusarium wilt pathogen, *Fusarium oxysporum* f. sp. *spinaciae*. *Plant Disease*, 00.

<https://doi.org/10.1094/PDIS-11-22-2658-RE>

Belo, T., **du Toit, L.J.**, LaHue, G.T. (2023). Reducing the risk of onion bacterial diseases: A review of cultural management strategies. *Agronomy Journal*, 00, 00– 00. <https://doi.org/10.1002/agj2.21301>

Braley, L.E., Jewell, J.B., Figueroa, J., Humann, J., Main, D., Mora-Romero, G.A., Moroz, N., Woodhall, J.W., White III, R.A., and **Tanaka, K.** (2023). Nanopore sequencing with GraphMap for comprehensive pathogen detection in potato field soil. *Plant Disease*, 00. <https://doi.org/10.1094/PDIS-01-23-0052-SR>

Hoheisel, G., **Moyer, M.**, Bomberger, R., Wheeler, W.S., Liu, R., Walsh, D., Zasada, I., **Rayapati, N.**, and Swarmy, P. (2023). 2023 pest management guide for grapes in Washington. *Washington State University Extension*, EB0762.

LaHue, D.G., McIlquham, M., Rippner, D., Michel, L., Gelardi, D., Potter, T., Davenport, J., and **Moyer, M.** (2023). Soil Health in Washington Vineyards. *Washington State University Extension*, FS378E.

Neeraganti D.K., Natra, N.T., **Naidu, R.A.**, and Kodetham, G. (2023). Molecular characterization of a novel gammacarmovirus infecting cucurbits in India. *Archives of Virology*, 168:65. <https://doi.org/10.1007/s00705-022-05643-z>

Ruff, T.M., Marlowe, K., Hooker, M.A., Liu, Y., and **See, D.R.** (2023). Genotyping by Multiplexed Sequencing (GMS) Using SNP Markers. In: Shavrukov, Y. (eds) *Plant Genotyping. Methods in Molecular Biology*, vol 2638. Humana, New York, NY. https://doi.org/10.1007/978-1-0716-3024-2_2

Shi, Y., Bao, X., Song, X., Liu, Y., Li, Y., **Chen, X.**, and Hu, X. (2023). The LRR-RLK Protein TaSERK1 Positively Regulates High-temperature Seedling Plant Resistance to *Puccinia striiformis* f. sp. *tritici* through Interacting with TaDJA7. *Phytopathology*, 00. <https://doi.org/10.1094/PHYTO-11-22-0429-R>

Uludamar, E.B.K., Habash, S.S., Pokhare, S.S., **Gleason, C.**, GRundler, F.M.W., Elashry, A.M. (2023). Heterodera schachtii Bactericidal Permeability-increasing protein (Hs-BPI) is a parasitism-related gene. *Plant Cell Reports*, Preprint. <https://doi.org/10.21203/rs.3.rs-2353739/v1>

Funding & Opportunities



Testing4Ag 2023: Novel compounds for early biological screening cascades (For all)

Deadline March 31:

Through Bayer's Testing4Ag program, Bayer's team offers testing of your compounds using state-of-the-art phenotypical biological assays. Click this [Link](#) for more info

Grants4Ag 2023: Transformative approaches for next-gen Crop Protection(For all)

Deadline March 31:

For its third year, Bayer is partnering with Halo for Grants4Ag, an annual initiative providing funding and expertise to researchers developing novel solutions in agriculture. click this [Link](#) to get more info

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:

- *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](#).

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



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

[Zoom link](#)

Meeting ID: 955 0119 6325 Passcode: 5498

February 27th - No seminar

March 6th - No seminar

March 13rd - Hannah Merrill and Jonathan Puglisi

Hannah is a graduate student with Dr. Xianming Chen and Jonathan Puglisi is a graduate student with Dr. Achour Amiri.

March 20th - Arild Arifin and Pandey Mandan

Arild Arifin and Pandey Mandan are graduate students with Dr. Achour Amiri.

March 27th - Dr. Jenny Broome

April 3rd - Richard Manasseh-Exit Seminar

April 10th - ***Dr. Adam Steinbrunner***, student invited speaker

Assistant Professor at University of Washington. Adam is one of the world leading scientist researching pattern recognition receptors (PRR) and discovered the first receptor of HAMP (herbivore-associated molecular patterns) from chewing insects.

Click this link to discover more his work: <https://steinbrennerlab.org/>

April 17th - Dr. Joey Hulbert

Dr. Joey Hulbert is a post-doctorial researcher with Dr. Gary Chastagner. Seminar Title: TBD

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

[Zoom link](#)

Meeting ID: 954 9301 5354 Passcode: 365851

March 1st - Karl Effertz

March 8th - John Hadish

March 22nd - Andrew Herr

March 29th - Dr. Matthew Moscou

April 5th - Xin Xin

April 12nd - Luigi Peracchi

April 19th - Joel Sowders

April 26th - Dr. Roberto Gaxiola

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

[zoom link](#)

Locations: Pullman: 212 Sparks

Wenatchee: Stockwell room

Prosser: Multipurpose Building classroom

Mt. Vernon: Wiley Zoom room

March 2nd – Noah Wilsea. Title: TBD

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

March 23rd – Evan Stowe. Title: TBD

March 30th – Alexa Hintze. Title: TBD

April 6th – Guest Speaker: **Loren Honaas**. USDA ARS, Research Molecular Biologist. Adjunct, WSU Dept. of Horticulture. Title: TBD

April 13rd – Alexa McDaniel, Title: TBD

April 20th – Geraldine Diverres. Title: TBD

April 27th – Morgan Danielle Southern. Title: TBD

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

[zoom link](#) Meeting ID: 948 3236 9338. Passcode: 349823

February 27 - Rachel Wieme“Lime and Micronutrient Amendments for Healthy Crops and Soil”

March 6 - Three Minute Thesis competition

March 20 - Sarah Dohle“USDA Bean Seed Bank”

March 27 - Bill Kabasenche“Research Ethics and Institutional Review”

April 3 - Andrew Satterlee“Soil Microbial Community under Pennycress”

April 10 - Student Choice SeminarDr. Carrie Laboski, Supervisory Soil Scientist, Research Leader, USDA-ARS

April 17 - Shahbaz Ahmed, CSS Ph.D. student proposal“Investigating the role of At-hook containing nuclear localized (AHL) genes in Arabidopsis and Brassica napus”

April 24 - Caitlin Price Youngquist and Stephen Bramwell“CSS Graduates, Where are They Now? University Extension as a Profession”

IBC seminar

Location: BLS 402, Friday 11:00am – 11:50am

March 10, 2023,:Dr. Lydia Lam,Visiting Scholar,Institute of Biological Chemistry,Washington State University,:“Biosynthesis and bioengineering of tricin-lignin and lignin p-coumarates in rice cell walls”

March 24, 2023,:Dr. Lacey Samuels,Director of Bioimaging Facility,Professor in Department of Botany,University of British Columbia,Canada,:“Unique Cannabis Trichome Structures Support Cannabinoid Biosynthesis”

April 21, 2023,:Dr. Cynthia Gleason,Associate Professor,Plant Pathology,Washington State University,:“The battle underground – insights into the plant-nematode interaction

May 19, 2023,:Dr. Jarmilla Pitterman,Professor,Biology Department,University of California, Santa Cruz,:“Title: 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

February 27th – Kendra Chambless – PhD Proposal

March 6th – Salena Helmreich – PhD Proposal

March 20 – Riley Reed – *PhD Proposal*

March 27 – Judy Wu –

April 10 – Robert Wiedenmann –

April 17 – Chris Looney – *WSDA*

April 24 – David Onstad –

May 1 – *Megan Asche – USDA*

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:

- Mar 2 @ 10 am- 12 pm~ [Writing Workshop II: Project Management](#) by Lorena O'English. Will take place over zoom **REGISTER HERE**
- Mar 8 @ 11 am- 1 pm~ [Writing Workshop II: Note Taking and Annotation](#) by Lorena O'English. Will take place over zoom. **REGISTER HERE**
- Mar 22 @ 1 - 2:30 pm~ [Intentional Inclusion: Minimizing Unconscious Bias and Microaggressions](#) by Dr. Lisa Guerrero. Will take place over zoom. **REGISTER HERE**

Upcoming GPSA social events:

- Mar 10~ GPSA Board Game Night at Paradise Creek
- Mar 19~ GPSA El Classico Event at Red Card
- Mar 24~ Spring Themed Pottery Workshop
- Mar 31~ GPSA Restaurant Friday at Mela
- Apr 4~ GPSA Ice cream Social
- Apr 8~ Swing Dance event (Collab with Swing Dance Club)
- Spring Festival (Potluck, traditional cloth, and music)
- May 5~ Ice Skating

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.

Graduate students, do you have ideas of how to improve the graduate student [Bill of Rights](#), especially on how to make it more inclusive? If so, please email Kayla with your ideas (kayla.spawton@wsu.edu)!



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



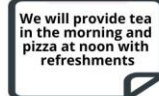
*Do not forget to
bring your ID and
Cougar Card*



Find Your Dissertation Writing
Accountability Group 😊

Please join us on March 3rd, from
10am to 2pm at the GPSA Study Center
to have some quiet time and work on
your dissertation/thesis

We will provide coffee/tea and donuts



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 **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).

The **USDA Wheat Health, Genetics, and Quality Research Unit in Pullman, WA**, is seeking a **Postdoctoral Research Associate**. This is a full-time, temporary appointment Not-To-Exceed 2 years, in the Excepted Service. The researcher will jointly work with Dr. Xianran Li (<https://compbiolab.org/>) and Dr. Kimberly Garland-Campbell (Wheat breeder in the Unit) to explore the impact of climate change on crop performance. Position is open until filled. Send application materials and references to Dr. Xianran Li, USDA/ARS at xianran.li@usda.gov or xianran.li@wsu.edu.

Carnation Farms in Carnation, WA is seeking a **Director of Regenerative Agriculture**. Responsibilities for the role include developing and directing farm strategy and partnerships, working in a leadership and management role, and directing farming activities and land use. Please send your resume, along with a cover letter explaining how your qualifications are a fit and why you are passionate about this leadership role opportunity, to our HR Manager, Marie Hartung at marieh@carnationfarms.org.

A **postdoctoral or research associate position** is available in a USDA-NIFA funded project in the **School of Plant, Environmental, and Soil Sciences at Louisiana State University**. The position is focused on unravelling the molecular mechanisms and developing high yielding breeding lines for improved tolerance to salinity, drought, and heat stresses in rice. The successful candidate will be responsible for designing experiment to apply next generation sequencing technology for QTL cloning, trait discovery, and analysis of phenotypic, genotypic, whole genome sequencing, RNA-sequencing, and metabolomic

data in multiple mapping populations and rice diversity panel generated by the collaborating researchers. Evaluation of applications will begin as they are received. Salary is commensurate with experience and qualifications. Interested candidates should contact Dr. Prasanta Subudhi (E-mail: psubudhi@agcenter.lsu.edu) with a cover letter highlighting qualifications, research interests, and career goals, current CV, and contact details of three references.

Nebraska Extension is seeking an **Extension Educator for Water and Cropping Systems** in Lancaster County. Nebraska Extension has an excellent opportunity for a full-time faculty position located in Lincoln, NE. As active participants in the Nebraska Water and Integrated Cropping Systems (WICS) Team, the educators' primary responsibility is to develop and deliver educational programs and resources within a geographic area of Lancaster, Cass, and Otoe Counties. Review of applications will begin February 13, 2023 and continue until the position is filled or the search is closed. Go [here](#) and search requisition # F_220192 to view details of the position and apply.

The **University of Missouri** has two **Postdoctoral Fellows positions in Soybean Genetics and Molecular Biology - Stress Resilience and Disease Resistance**. Responsibilities include gene cloning, plasmid design, soybean hairy root and composite plant construction, perform transgenic study, conduct gene-editing experiment, phenotyping for root traits and disease resistance traits. Candidate screening will begin March 1st, 2023, but applications will be accepted until the position is filled. Apply online [here](#).

A **postdoctoral research fellow position** is available in the laboratory of **Dr. Ayele at the University of Manitoba** to investigate hormonal regulation of traits of economic importance including abiotic stress tolerance in cereals. Knowledge in bioinformatics such as transcriptome and next generation sequence data analysis and online database usage is required. Interested candidates should send (1) cover letter explaining the research interests, (2) CV, and (3) contact information including phone numbers for 3 references by email to Dr. Ayele at belay.ayele@umanitoba.ca.

North Dakota State University is seeking an **Assistant Professor and Extension Plant Pathologist - Sugarbeet Specialist**. Prior experience with sugar beets is not required. The position is for a 12-month, tenure track faculty plant pathology position with responsibilities for sugarbeet Extension (90%) and applied research (10%). The position is located in Fargo, ND and is funded jointly by NDSU and the University of Minnesota (UMN). To apply or for more information, [click here](#).

Washington State University has an open position for an **Associate Dean and Director of the Office of Research** within **CAHNRS** with the rank of **Professor**. This is a 12-month, tenure-eligible at time of hire, full-time faculty position to begin July 1, 2023, or as negotiated at the Pullman, WA campus.

Screening of application materials begins April 10, 2023, and will continue until position is filled. To apply, visit <https://hrs.wsu.edu/jobs> (search [R-8830](#)) and applications must include the following

materials: 1) A letter of application describing your professional goals, relevant academic and administrative preparation, and experience in leadership positions; 2) A statement of your contributions to diversity, equity, and inclusion that describes your understanding of these issues, your record of activities to date, and plans and goals for advancing equity and inclusion if selected; 3) A current curriculum vitae; and 4) Name, title, organization, phone number, and e-mail address for four people willing to serve as employment references.

Ongoing Job postings:

[ASPB Job Board](#)

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Contact us



If you have an item you would like included in the newsletter, email it to Itsuhiko.ko@wsu.edu.

Also, please complete this questionnaire to help us improve our newsletter. We appreciate your feedback!

<https://forms.gle/DubmGBiAjbEfyeqW9>